



tek talk

employees' publication of Tektronix, Inc.

volume 7, number 2

February 15, 1960



are transformers getting out of hand? (See story, page 3)

tek talk

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Ham Club—Earle Pahlka

Golf Club—Ed Hopper

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CALENDAR

TUESDAY, FEBRUARY 16

Production Job Evaluation committee, 9 to 10:15 a.m. Beaverton conference room.

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

Tektronix leather tooling club, 3:45 p.m., Haskell's center.

THURSDAY, FEBRUARY 18

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

FRIDAY, FEBRUARY 19

Tektronix amateur radio club, 7:30 p.m.

MONDAY, FEBRUARY 22

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

TUESDAY, FEBRUARY 23

Production Job Evaluation committee, 9 to 10:15 a.m. Beaverton conference room.

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

Tektronix leather tooling club, 3:45 p.m. Haskell's center.

WEDNESDAY, FEBRUARY 24

Group representatives panel, 2 p.m. Beaverton conference room.

Tektronix Employees Geology club, 7:30 p.m. Cedar Hills school.

THURSDAY, FEBRUARY 25

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

the tek talk philosophy

Tek Talk has worn its "new" magazine format—and with the new look, a changed content—for nigh onto six months. The half-year mark is a handy place to stop, get a second wind and look just where the publication is bound after its shakedown.

Statements of purpose often sound pretentious or read like New Year's resolutions. Risking that, let's take a look at some directions our plant magazine might go.

It should be useful to Tektronix. To be useful, it must be read. To be read, it ought to be complete, honest, accurate, lively and genuinely informative. When it isn't, cuss the editors.

What it shouldn't be is pap.

This doesn't mean it can't be entertaining and fun to read. But meat can be packaged as attractively as mush, and we favor a meaty news diet.

We believe this:

A plant publication should help employees think about company problems, give them space to say what they're thinking and urge them to use it.

To this end, there'll be an open editorial page for your use, room for all the letters you send, man-on-the-street interviews and lean, factual stories tackling such knotty issues as, say, profit share.

This will unearth some controversial ideas. A publication should welcome them, and Tek Talk will.

Around this hard core, a useful plant magazine can be built. Just so Tek Talk won't be uncomfortably rawboned, we plan to balance the diet with:

1. More stories about the jobs you're doing.

You hear this comment too often: "People don't have any idea what we do here in our department..." To which an editor can only say, "Let's tell them."

2. News from more departments and groups. In the past two months, over a dozen new reporters have been added. Still other groups aren't kicking in with news, and some never have.

We'd like to hear regularly from you out on Guernsey or in field offices in this corner of the US or that.

Tek Talk will continue to improve only to the extent that it's the voice of all employees and you participate in it.

As we root about for news, your comments will help us do a better job.

..... Joe Floren

PRO and CON FROM TEKTRONIX EMPLOYEES

To the editor,

It is evident that Tek is solidly committed to a program of growth and will be expanding for a long time to come. We are also committed to the field of oscillography as a specialization.

We are experts in the field largely by experience. One of the reasons for this specialization, so I've heard, is to encourage a higher degree of perfection in this particular field. Hence perfection requires a certain amount of the concentration allowed by specialization.

Yet we seem to fear specialists, or in other words experts ("EXPERT—Very skillful; having much training and knowledge in some special field").

We have done very little in the past to attract them. Tektronix obviously has done very well in an area essentially free of much competition when it began, on local talent recruited largely from the Portland area.

I think that we have done very well in the past and present, in the few specialists/experts that we have hired.

It is my ardent belief that our future expansion will require more than local talent and more than we now have in the way of specialists/experts.

In denouncing outside talent by stating that it is unnecessary, I think that we are taking a very dangerous gamble in view of our future competition and the large number of accomplishments that are still waiting to be done by us, I hope!

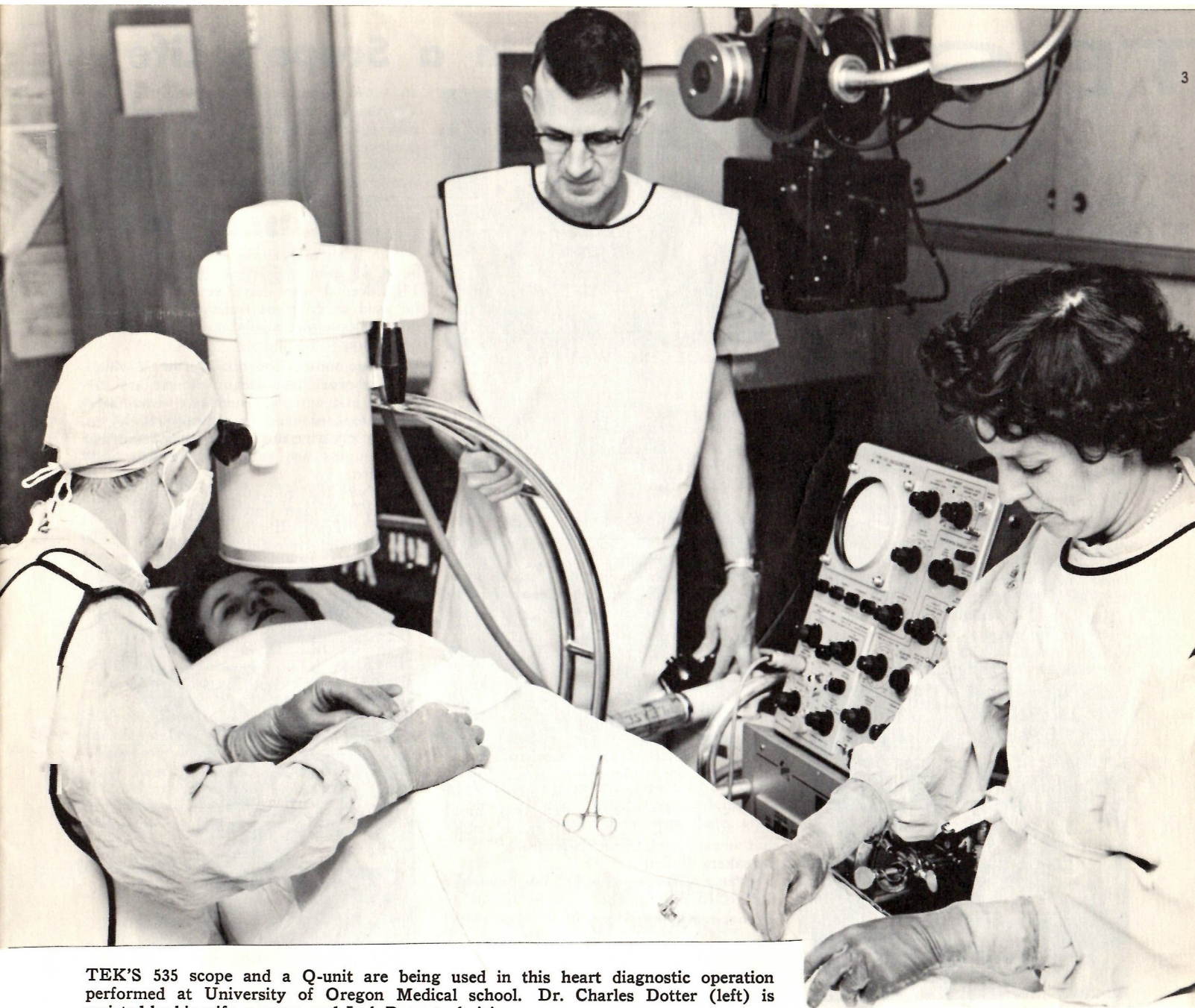
Tom Hutchins

To the editor,

Since so many folks mispronounce the name of our company, and others not closely associated with us can't spell it the way it is—why not change the spelling so people can pronounce it correctly when they read it?

TEQUETRAUWNICKS?

Betty Whiting,
Quality Control



TEK'S 535 scope and a Q-unit are being used in this heart diagnostic operation performed at University of Oregon Medical school. Dr. Charles Dotter (left) is assisted by his wife, a nurse, and Jack Pegg, technician.

Tek's New Q-Unit Has Role In Heart Diagnosis Method

An important medical use of Tek instruments is percutaneous retrograde femoro-aortic left ventriculography.

"It's a somewhat elaborate name," admit personnel at University of Oregon Medical school, where percutaneous retrograde femoro-aortic left ventriculography is conducted using a 535 scope and our new Q-unit strain gauge preamplifier

The procedure, a diagnostic operation, involves passing a long, flexible coilspring through an artery backwards (against the flow of blood) into the heart's main pumping chamber.

The coilspring allows a plastic tube to be slid over it, which follows the spring guide into the left ventricle of the heart.

Determines Pressure

When the spring is withdrawn, pressure within the heart can be determined and radiopaque fluids injected for X-ray-ing.

To begin the procedure, the surgeon inserts a needle into a leg artery. The operation can be done without hospitalizing the patient.

Explains Dr. Charles Dotter, head of the school's department of radiology:

"In such operations the type 535 scope together with a Q-unit strain gauge preamplifier is used to monitor the output of a Statham P23 physiological pressure transducer connected by tubing to the inside of the patient's heart."

COVER—Not camera trickery, but the real thing, is this 150-pound transformer, one of three built by our Transformers department for Semiconductors. The 12,000-watt unit—which is 10 times as heavy and has 20 times as much power capacity as a 500-series transformer—will be used in a three-phase system to load-test silicon diodes on aging racks. Inspecting the giant creation are, from left: Joe Ferris, Dave Arnold and Bob Cogan, all of Transformers.

Flying Club Will Trade Tri-Pacer for 172

Tektronix Flying Club met at Rupert's airport in Beaverton February 1 and worked on the group's J-3 Piper Cub.

Afterward the members held a business meeting and decided to trade their Tri-Pacer for a newer, roomier Cessna 172.

TEST: Five Days in a Scope's Life

By SKIPPY THE SCOPE
As Told to Keith Forney

Hello there. I'm a brand-new Tek oscilloscope. New, because I'm still at the factory where my parts were assembled.

I was told the other day that I'm the world's best oscilloscope, so I believe I am. I asked, just why am I the world's best scope?

This is the answer: I have been designed for accuracy and stability because I'll be used to measure voltage from hundreds of volts to less than .0001 volt. I will be the principal tool of engineers, scientists and other specialists in such fields as medicine, geology, biology and nuclear physics—any area where an accurately calibrated laboratory oscilloscope is required.

My buildup involves about 875 people assembling some 2311 parts and making about 2000 solder connections. Between connections I have about 500 feet of wire. Tubes are an important part. They number 56 (in a 545A scope).

After final assembly I arrive at Test, where I'll be put into operating condition. In a section called Precal, I'll be given a thorough electrical check.



R.W. NELKE (left) and Leo Heineck, Precal.

Sometimes it's easy. Then again I smoke and burn and fuss: "Say, mister, can't you see my chassis is misaligned? Ahh, that's better..."

After my first electrical check I'm operated on a time cycle to establish electrical stability of my components.

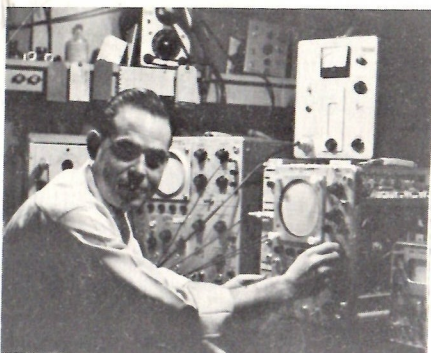
Sharp-Eyed Calibrators Needed

Sometimes my parts are accidentally interchanged, left loose, left unsoldered or left out. It's up to the Test calibrators to find these things and fix me.

Major repairs are made in Test repair. Test Stock is kept for replacement and repair parts.

I'm given an exhaustive operational check so I'll meet Test specifications before I can go out to do my life's work.

We're now touring the Beaverton plant, but some of my buddies were loaded into an interplant transfer cart and will be calibrated, line-tuned and QC'd at the Cedar



CARL HOLLINGSWORTH, Test Calibration

Hills section of Test (sometimes called the underground section, as it's in the Shopping Center basement.)

You'll notice in the chart that after calibration I have my delay line tuned. A delay line is a part that requires adjustment of little trimmer capacitors. One end of my line is connected to the pins on the CRT neck and the other connects with the vertical amplifier output.

I always enjoy this area. All the people that work on me in Test are men. In line tuning, they're gals—and they treat me so gently.

I'm bounced around some in calibration so my joints and loose parts will show up and be secured or replaced. Sometimes I wonder how they find the troubles, but it does make me feel good to be operating correctly.

This is where Quality Control comes in. I hear words like these: Rosin Joints, Off-tolerance Parts, Misadjusted and Wiring Error. I've decided they must have something to do with grade sheets that are sent back to the calibrators.

Tweakers Foiled

After QC makes its finishing touches I'm rolled out to where I'll be fitted for my cabinet sides. It might be cold where I'm going, and the cabinet also protects me from the tweak-happy technician.

The fellows in Cabinetizing give me a thorough clean up, as I may have picked

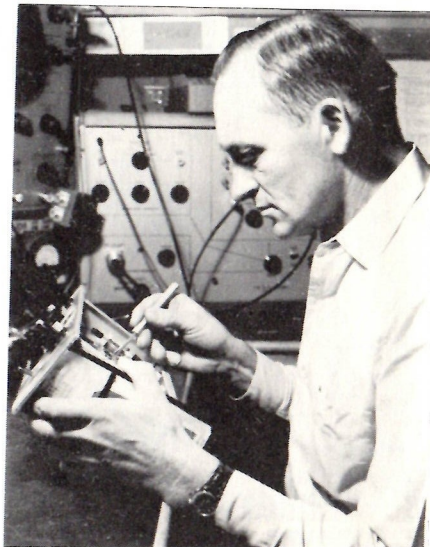
up some finger smudges along the way. Via the grapevine I've heard there even was a turkey bone found in one of my predecessors.

After cleanup and a preshipping electrical check, I bid goodbye to my friends in Test. However, an essential part of me still is missing, a changeable section called a plugin.

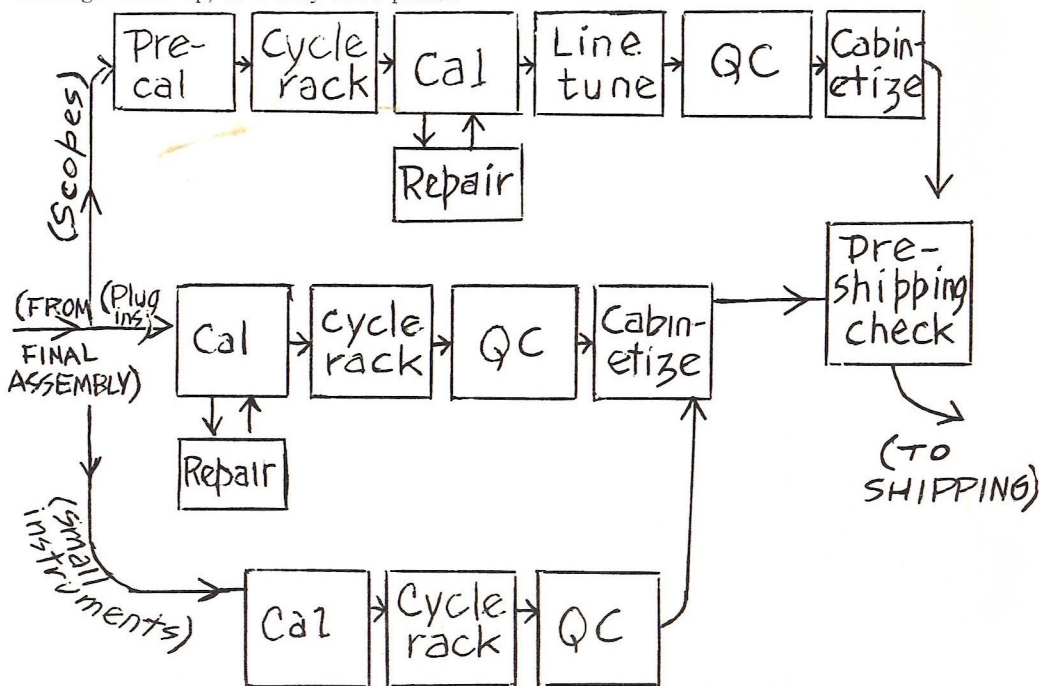
The particular application in which I'll be used determines the type of plugin I'll have. I may have several that will be used at different times. There are 13 different plugins available, with four new ones soon to be added.

I have some close relatives with which I often work as a team. These are the small instruments, such as waveform generators, which give me opportunity to display my true merit. Small instruments and plugins are calibrated to my high standards.

You've just relived five days of my life—the average time taken to progress through Test. It's been good to give you an insight into the department.



LEN HOFELD, Small Instruments



OMSI Booth Now Ready To Be Set Up

Tektronix has nearly completed a booth for Oregon Museum of Science & Industry and will install it soon, according to Jim Sare (Plastics Engineering), who was in charge.

The booth will not bear the company name, but will describe the uses of CRTs and oscilloscopes.

It will include a mechanical CRT, about three times normal size, with an acrylic rod simulating the electron beam. When museum visitors turn knobs, the rod end will light up, suggesting action of electrons on the tube face.

Photos to be Exhibited

Also on display will be a series of photographs describing Tek operations; several CRTs, and a nonoperating scope with clear acrylic sides. The model will be mounted on a rotating stand.

Written descriptions of the instruments will complete the booth.

Working with Jim and industrial designer Ken Ireland on the project were Dick Wynn, Larry Dillard, Jack Henderson, Walt Loewy, Oscar Olson, Lou Bride, Jack Day and Paul Terry.

Megabuck Investment Club Chooses Ted Shaver

Ted Shaver (Production Planning) was elected president of Megabuck Investment club at that group's annual meeting held January 12.

Serving with him will be Larry Mathis, vice-president; Dale Weber, secretary, and Ken Hoggatt, treasurer-agent.

A profit of 17 per cent for the club's first year was announced.

Items Lost at Dance Still Unclaimed at Shop

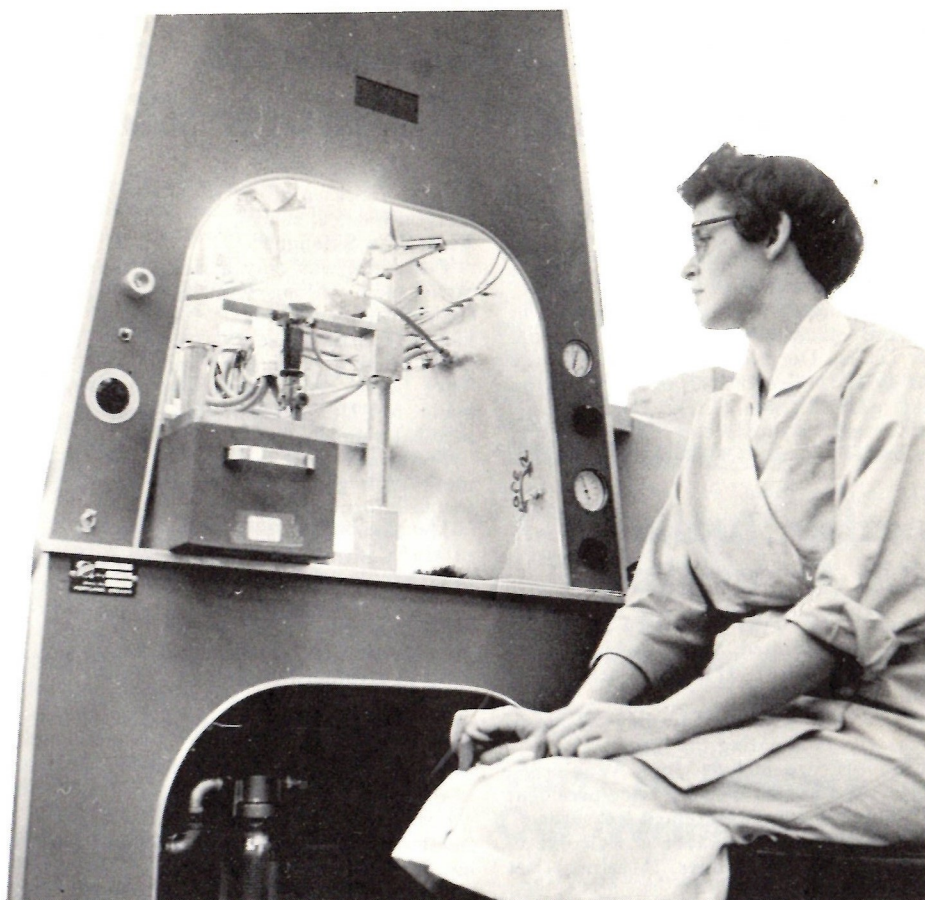
Some items, lost at the Tektronix holiday dance December 5 and then found and turned in to the recreation committee, still haven't been claimed.

If you lost something there and still haven't recovered it, call Aloha Jernigan at 568 or contact her in Shop.

Tektronix Opens New Field Office In Greensboro, N.C.

Tektronix opened its new field office in Greensboro, N.C., January 27.

Rollie Smith, field engineer, will have his headquarters there. Mary Divers is field secretary.



NOW IN ITS second month of operation in the CRT gun room is the simultaneous automatic rodder, which installs four rods at a time on 54s, 543s, 55s, 517s, 581s and 555s. The job formerly was done manually, at single stations. Jackie Gossett is pictured with the rodder.

Credit Union Elects Board, Committee

Helen Thome, Bob Newberry and Dick Schmidt were elected to Tektronix Federal Credit Union board of directors February 2 at the CU annual meeting, held at Beaverton Union high school.

Joe Floren was appointed to the board, replacing Ron Bell, who has gone to Cleveland.

Elected to the credit committee were Phil Mallery, Peggy Jones and alternate Ray Crino.

The board the following day appointed these CU officers: Harold Edmundson, president; Bob Newberry, vice-president, and Helen Thome, secretary.

Thirty-eight persons attended the annual meeting.

Golf Enthusiasts Plan For 1960 Season

Teks interested in playing golf attended a meeting of the Tektronix golf club February 4 in the Beaverton conference room.

New officers were to be elected and the 1960 golf season planned.

Move Begins Into New Tek Office

Some groups already have moved into the interim office building, and others will make the shift this month.

The building's address, 13955 S W Milikan Way, is now the official Tektronix, Inc. address.

Printing moved its presses, linotypes and other equipment from Cedar Mill the weekend of February 6.

RT Space to Change Hands

Scopemobiles and Plastics Production were scheduled to move to Cedar Mill about February 12, and the space they've occupied in the Retirement Trust building will be renovated and taken up by Field Training, according to Facilities Manager Dick Pooley.

Tentatively set to move into the new structure February 13 were some Administration groups, including Human Research, Communications and Messenger Service.

About February 20, Marketing's executive group and IBM are expected to make the move.

Two Russian Biochemists Visit Tektronix January 27

Two Russian biochemists—part of a group of four studying US radiation research techniques—visited Tektronix January 27 and toured the Beaverton plant and the CRT building.

Accompanying Mikhail Pobedinski and Valeri Bochkarev were Howard Vollum, Bob Davis, Derrol Pennington (through CRT), Earl Scott (through Beaverton plant); Lee Larson (Field Engineering), who acted as interpreter; Albert Roth, interpreter from US state department,

and a representative of University of Oregon medical school.

Visit Was Sidelight

Tektronix was only a side visit for the Soviet pair. Along with two colleagues, Georgi Zedgenedze and Alexander Pavlov, they spent three days in the Portland area visiting radiation study facilities. They were returning a visit to Russia made by Dr. Donald Pickering of the medical school.

Following their brief plant tour, they met with a group of Tektronix executives for an informal discussion.

Mr. Pobedinski is chairman and director of the Central Scientific Research Institute of Roentgenology, Radiation and Cancer, Leningrad. Mr. Bochkarev is department chief of the Institute of Biophysics and Radiation Medicine, Ministry of Health, Moscow.

Bugle Corps Asks Teks To Donate USMC Blues

Leatherneck Drum & Bugle corps of Portland has requested donations of Marine Corps dress blue trousers.

Any Tek wishing to contribute a pair of dress blues should call Bob Flury, corps manager, at PR 5-5591.

The leathernecks are short 30 pairs of trousers, Mr. Flury said.

Statistics

MARRIED—

Ruth Feist (Manuals) to Gale Morris (Industrial Design).

Connie McLaren (Coils) to Phillip Sheeley, December 22.

Karen Willis (Accessories) to George Helfrich, December 31.

Penny Marlow (Unit Wiring) to Joe Maples (Final), January 9.

Loretta Helser (Unit Wiring) to Richard Merrow, January 16.

BORN—

To Fred (Final Swing) and Mishka (Unit Wiring) Morgus, a son, John Frederick, December 28. Weight, 5 pounds 5½ ounces.

To Mr. and Mrs. Duane Edwards (Transformers), a daughter.

To Mr. and Mrs. Don Nagode (Transformers), a son.

To Mr. and Mrs. Austin Carpenter (Transformers), a son.

To Mr. and Mrs. Bryan Cole (Accessories), a daughter, Kimberly Lynn, January 5.

To Norm (Unit Wiring) and Cathy (Unit Wiring) Brown, a son, Thomas Duane, January 4. Weight, 7 pounds 6 ounces.

To Audrey Sinner (Unit Wiring), a son, January 8.

Norm Olson Chosen Head Of Committee

Norm Olson (Unit Wiring) was elected chairman of Beaverton plant safety committee at its January 4 meeting. He will serve a six-month term.

Everett Cook, who retired from the committee in January, will remain a consultant on chemicals and toxicity, but will no longer submit the monthly eye injury report. Instead, plant nurses will make out semiannual eye reports.

Everett, who had toured the plant area, recommended 52 locations for resuscitators.

Small Extinguishers Added

He also reported on fire extinguisher replacement. In some places, small extinguishers have been put near the large ones so women can handle them. All areas now have men assigned to the heavy extinguishers.

Supervisors wishing to move an extinguisher or order a new one should contact Levi Brekken.

Tom Sly and Bunch Dixon will tour the inside area in January and Harold Edmundson and Norm Olson the outside.

New committee secretary is Jane Copenhagen, extension 670.



RIGHT IN THE kisser! Snowball tossed by grinning Lefty Vandehey landed squarely on target Ray Carson as the two Warehouse employees took advantage of the heavy January snow. (Photo by Tek Talk combat cameraman.)

Teks Approve Plant Picnic By Count of 676 to 367

Tektronix employees would much rather have a company picnic than separate departmental picnics.

That's what results of the recent picnic questionnaire indicate. More than one-third of all Teks responded to the query, jointly issued by the recreation committee and our Human Research group, and by a margin of roughly 2 to 1 said they preferred the plantwide event.

Of 1242 persons expressing preference, 676 voted for the big picnic, 367 for departmental outings and 199 for no picnic at all.

In all, 802 said they would attend a plantwide picnic if one were held in 1960. Those agreeing to help plan the event totaled 395.

Of the respondents, 490 attended the picnic, 436 wanted to but couldn't make it and 330 stayed away on purpose.

Repeaters Numerous

Interestingly, 402 of the 490 who said they attended in 1959 were repeaters, persons present at one or more previous picnics.

Employees were asked what three things are most important in a plant-wide picnic. Games and contests for children led the list, with 746 votes, followed by:

Free refreshments, 688; swimming, 424; children's rides, 404; location not over an hour's drive from Portland, 372; contests with prizes, 278; sports, 251; Bingo, 211; dancing, 131; gate prizes, 129; get-ac-

Ex-president Harlow Loucks of our recreation committee told the group representatives at their February 2 meeting that a company-wide picnic will be held again this year, in accordance with employee wishes as reflected in the recent picnic questionnaire.

The event will be geared largely toward children, and will be held at the best available location large enough for a crowd of 7000, Harlow said.

quainted mixers, 119; adult games, 111; boating and water skiing, 85.

Respondents were divided almost equally: 630 men and 637 women. Married persons outnumbered unmarried, 1054 to 189, and of the married ones 875 had children.

Human Research will supply an analysis of picnic results to the recreation committee, for its use in planning 1960 activities.

Vinyl to Replace Our Wrinkle Paint

Tektronix' traditional wrinkle-finish enamel will soon be replaced on all instruments by a vinyl paint applied over embossed aluminum cabinets, providing a tougher, harder-to-scratch finish and saving production time and cost.

The single coat of spray vinyl will be half as thick as the two coats of enamel.

Appearance of our instruments will be virtually the same as at present.

Offer Made to Help Boat Club Formation

Staff-Jennings Inc. of Portland has offered to provide a meeting room, free water safety films and guidance in forming a Tektronix boat club.

Recreation committee members point out this is an excellent opportunity for boating enthusiasts. Club activities probably include boat trips, movies and speakers.

The committee has complete information on the company's offer.

Rockhounds Watch Film on Resources

A motion picture on Oregon's mineral, timber and agricultural resources was shown at the January 27 meeting of Tektronix Employees Geology club, held at Cedar Hills school. United States Bureau of Mines produced the color film.

Dale Palmer (Test) showed slides taken in the submerged town of Roosevelt, Idaho. Dale and a friend visited the ex-mining town, flooded for 50 years, on a skin-diving expedition.

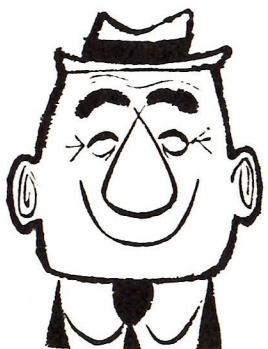


NOT ALL SNOW activity was fun. Members of Levi Brekken's crew worked tirelessly hauling stalled autos out of snowbanks. Above, Ray Hauman (left) and "Doc" Uglestead give Treasurer Don Ellis (diving for front seat) a tow. Statistician Bob Newberry is at right.

HAVING MONEY TROUBLES?



JOIN A CREDIT UNION





WELDING CARVING tools at Trans-formers' annual Christmas dinner were Gordon Sloat (left) and Barney Gregory.

KIT PREP AND COMPONENT TEST

Minnie Berger and husband, Ed, were surprised by many friends and neighbors on their twenty-fifth wedding anniversary. Among the gifts and cards was a silver dollar money tree. Any sprouts yet?

Kit Prep is still working on the exchange system with other departments. We have Marilyn McCoy from Unit Wiring and Barbara Losli from Cables. Phyllis Ankeny transferred to Militarized Products and Shirlee Peters to Pre-production.

January birthdays were celebrated on January 20. Honored were Beryl Hutchens, Shirlee Peters, Phyllis Ankeny and Denny Olson.

DOUG THOMPSON'S GROUP

George Scott transferred to Militarized Products January 18, so for a while we've had two bosses. Doug has been with Tek about nine months, working in Mechanical Assembly, Kit Prep, Material Forecast, and Unit Wiring. He's married and has two children. Good luck to both in their new positions.

Lillian Ehlers wishes to thank the swing shifters in Unit Wiring, Test, Finals and Quality Control for the success of the School for Retarded Children project. Many Thanks to the Tek Foundation for matching the collection.

Marlene Conklin has been elected to be our new reporter.

Letha Burgess returned after two years in Colorado. Her many friends welcome her back.

Sharon Volk transferred back from Accessories.

Cathy Brown from our group and Norm from Bill Mayer's welcomed a new heir January 4.

Replacements to our group from Shop are Cliff Johnson, Wayne Foust, Gene Palmer, and Larry Wells to keep John Seger and Bob Williams company in the back row. Our new girls are Hazel Royer, Lucy Aller and Patricia Behncke from Plastics and also Marilyn Hansen from Shop.

Audrey Sinner had a boy January 8, making three boys in her family.

SHOP SWEEPINGS

Flash - Flash!! The Hanna twins, Pamela and Tamara, are home and receiving guests.

Cal Smith, who was unit manager of the Finishing Department, is now unit manager of Screen Machines. Lee Miller is his successor. Warren Bybee left Pre-pack after a short session there and is now supervisor in Etch and Welding.

A little late—but the Shop played Santa to three families at Christmas time. Each family was most appreciative.

The whole Shop swing shift is now on days with the exception of the screen machines.

The new oven conveyor in Silk Screen is proving very satisfactory.

Martha Hyde's Volkswagen made like a gopher—instead of driving on top of the snow, it drove under. She opened the door to see why she couldn't see through the

windshield and here she's on a snow bank. Oh me! What a car!!

The following transferred to Unit Wiring from Shop: Wayne Foust, Harold Hill, Clifford Johnson, Larry Wells, Marilyn Hansen and Gene Palmer. Other transfers were Jo Marshall into the Mechanical Service group, Fred Sievers into Material Availability Control and Cora Hilden into the Guernsey Support group.

Lelia Krahmer recently transferred into Production Planning in the Shop office, and Joan Miller into the service group of the Shop office. Welcome, girls.

CERAMICS

We are glad to have Al Chappell, Martin Kjos and Howard Postlewaite with us. They were loaned to us from the Screw Machine and Metal Fab Department and are helping us get our new machinery ready for the new Ceramics building.

The Ceramic Tooling group has elected Bill DeVore as Group Representative, with John Harnett as alternate.

Wayne Rust is back from his vacation. His folks were here from Minnesota.

Mickey McGuire also took his vacation over the holidays.

Inge and Rosalie Stromberg were injured in a head-on collision. Inge, who suffered internal injuries and a crushed kneecap, has returned home; however, Rosalie is still in the Good Samaritan Hospital.

Janet Hoodenpyl also spent a few days in the hospital under observation. She is now home, but as yet is unable to return to work.

ROGER NOYES' GROUP

Fran Hopkins and Rosalie Stromberg are newcomers to our group. Welcome aboard. Sylvia Folen, Betty Rose and Margaret White are transfers to day groups. Sorry to lose you gals, and good luck.

Mary Whitcher has returned from a most exciting and interesting trip to southern California. She was gone three weeks and really took in the points of interest, plus meeting some of the celebrities. Tough to get back to the old grind, Mary?

Inez Cook returned from her trip to Hawaii and is trying to promote opening a Unit Wiring group over there. A truly fabulous place to spend a vacation.

Pat Alberding enjoyed the holidays in San Francisco, but recommends checking bus schedules and reservations for return trips!

Sorena Dickson, having lost her pet dog during the holidays, has taken on the chore of housebreaking another one.

Joyce Williams went to Medford over the Christmas vacation.

Ada Totman and family drove to Jacksonville and Klamath Falls. But where did she get the sunburn?

Lucille Nickich went back to Minnesota to visit relatives.

Pat Grace enjoyed a visit of relatives from Escondido, California over the holidays.

Rickey Peterson is back with our group again.

Ginny Webb's father from Chicago enjoyed the holidays here.

Pat Alberding is our new social representative. Kathy Whitman did a bang-up job and we appreciate it.

Lucille Nickich attended her father-in-law's funeral in Minnesota.

Doris Anderson works with the group.

MECHANICAL ASSEMBLY

We had cake and coffee January 15 to welcome our three new girls, Jean Watts, Ila McCoy and Lorna New, also for Grace Andresen, who is taking a leave of absence.

A plant was bought and presented to Marianne Guffy, who has transferred to Pilot-production.

Pie and cake was served on December 30 for Sharon Phillips, who has taken a leave of absence, and who at present is visiting with her sister in California.

Darlene Yoss and Clara Carpenter are now on days—got tired of being night owls. Those who have gone to join the night shift are June Plaster, Bessie McClelland, Della Fortin, Fran Rinehart and Sally Denner.

Virginia Redford's son, Frank, who was home for Christmas, has now left for submarine school at New London, Connecticut. Vera Collins' son, Petty Officer Kenneth Collins, stationed on the U.S.S. Los Angeles, missile ship, was also home for the holidays. Frances C. Woodruff's son, David, left January 27 for submarine school at New London, Connecticut.

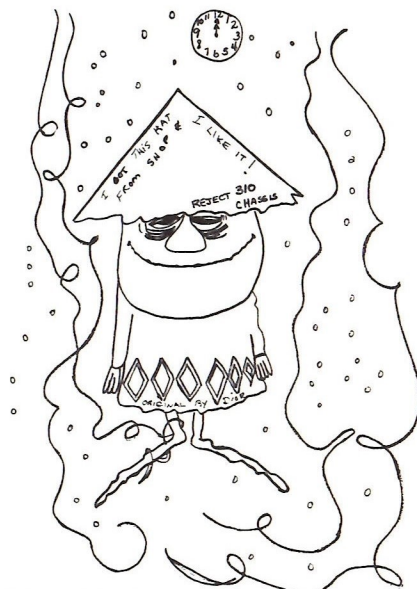
KEN KING'S CLAN

HOLIDAY HIGHLIGHTS IN RETROSPECT—THE OOOOOOONLY WAY TO TRAVEL

Open house at Betty Whiting's new apartment mit swimming pool. We just mention this gala affair in Q.C. and people react in the most amusing ways. Chick Furchner grins slyly and says "Illlet's do it again." Chuck Kauffman snickers and says nothing. Lee Crocker groans. Marion Crowell got dishpan hands. Lucy Fields breaks out in hysterical laughter. Lois Aulger giggles. Bill Sedig wants to know who drove home and Vern Walker sobs silently because he missed it. Betty just gets dazed expression on her face and mumbles something about "evicted..... landlord.....move by the first.....bill for damages....."

Something that will always remain a complete enigma is how Lee Crocker's Austin Healy Sprite got into the swimming pool. Lee thought it was a car wash, so he says.

"LEE'S SING "AUTL LANG STEET" ONCE MORE"



Chuck Kauffman, Prod. Q. C., at the New Years Eve Party.....

A big vote of thanks to Marion Crowell, who had the tremendous job of spearheading the work for our Christmas family. Warehouse Stock and Prod. Quality Control pooled their efforts and supplied a family of considerable size with over 30 boxes of clothing, linens, and toys, also a Christmas dinner and some cash to top the whole thing off..

Bernie Dwigans and Jack Korpi must have had a relatively quiet holiday season because they haven't come back yet. I wonder if we should report them to the Bureau of Missing Persons?

Ken King was observed at the Final Assembly party doing a Cha-Cha-Cha with someone. It was rather amusing since the juke box was playing a waltz!!

"Merry Christmas Cha-Cha-Cha
We can't waltz now, hey Hah-Hah-Hah
Play a rhumba Cha-Cha-Cha
Then we'll Charleston Hah-Hah-Hah!!

AL PEECHER'S GROUP

Darlene Henry started the new year out right by returning to work the fourth.

Elsie Blatter returned to days from swing but after a half day went into Pilot Production.

Phyllis Brandt and family returned from vacationing over the holidays in Nebraska with relatives. She also went into Pilot-production—she didn't even give us a chance by working part of a day with us.

Louise Fincher returned from vacation in Oklahoma and brought the snow back with her!

Opal Barth is still unable to work but she did drop by three days before Christmas to wish us all happiness for the holidays. We sure miss you, Opal.

Evelyn Gaylin returned January 11 after a leave of absence. It's sure nice to see her smiling face again.

Ruby Wright, who is another bright spark in our group, went on a leave of absence, part of which will be spent in the hospital. Lots of luck, Ruby, and a speedy recovery. We'll all miss your wit and humor, as we do Opal's.

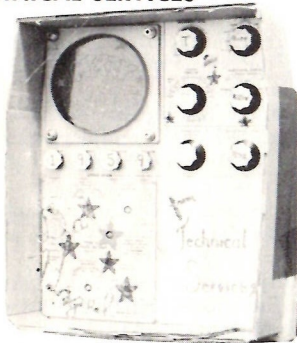
New elections were held for social representative, which went to **Vi Mills** from **Phyllis Brandt** and reporter for Tek Talk which went to **Wilma "Willie" Stapleton** from **Donna Wojcik**. Mind your P's and Q's now, kids.

This was **Sharon Frederick's** schedule the morning of the twelfth.

6:30 Early rising
6:40 Go out door
6:43 Noticed flat tire
6:46 S-n-e-a-k-e-d back in house
6:47 S-n-e-a-k-e-d back to bed
6:48 Mother rose
6:49 Mother rose Sharon by ear
8:15 Changed flat tire, arrived at work
Quote Sharon, "What a revolting development!" Unquote

Two "mistletoe bandits" caught the "boss", namely one **A.F.** under the mistletoe. We don't know the bandits' names but substantiating facts prove the initials to be **I.M.** and **W.S.**

TECHNICAL SERVICES



This economy-sized Christmas card was the creation of **Ken Stuart** with the help and advice of the Technical Service group. It was made almost entirely of reject parts with the exception of the bulbs and batteries.

An etched graticule flashed "Merry Christmas" to all observers and a sparkling spelling of "Dal & Hazel" was fashioned from a wire strap covered with sparkle. The door on the bottom right opened to show the names of the people in the Technical Service group.

For those who are technically inclined: Two 6-8 volt lamps are powered by 6 1.5 volt penlight batteries which lighted the graticule. Also 10 neon lamp circuits were connected in parallel to 105 volts, all with a different R-C time. These neons will probably flash for one or two months on one battery.

This was our way of saying "Merry Christmas" to two wonderful people.

BILL MAYER'S GROUP

Mr. & Mrs. Norman Brown of Beaverton have a new "roomer" at their home, taking up residence on January 4. His name is **Thomas Duane Brown** and he weighed in at 7 pounds, 6 ounces. Congratulations. We are now losing Norm to Finals.

By the time this is in print, **Loretta Helser** will be **Mrs. Richard Merrow** as the wedding will be January 16. The happy couple will live in Beaverton and she will continue on swing shift.

Anne Richardson and **Karleen Burkholder** have switched to day shift.

Also, **Peter Bengsch** has gone to days and Finals.

Lalah Smock is back with us after a two-month leave. Nice to have her back.

Helen Osburn is still moving—rotating between three places!

FRANK WHITE'S GROUP

January 5 ended **Marge Fletcher's** first year with Tek. When asked how she felt her reply was, "tired".

Due to the calory-coated vacations, an entire row of **Frank White's** group has decided to remove some pounds. They include: **Echo Larson**, **Verna Hunziker**, **Vi Estabrook**, **Ruth Schultz** and **Betty Thomas**.

Les Hunter came to work the other morning with a five o'clock shadow. After questioning him we found out he has decided to grow a mustache to keep his lip warm.

Roslyn Buster has left our midst for a long-awaited vacation in Nebraska. It is understood she is going to raise cane—oops, sorry, a misprint—corn.

ACCESSORIES

Karen Willis became **Mrs. George Helfrich** on December 31.

Marcel Tetzlaff will be off work for several weeks with an arm injury.

Bryan Cole became father of a baby girl on January 5. Her name is **Kimberly Lynn**.

DICK MCKINNON'S GROUP

Another wedding—**Penny Marlow** was married to **Joe Maples**, January 9 at **Russellville Wesleyan Methodist Church**.

Marilyn Herndon who was married recently, is quitting work to become a full-time housewife. Cake was served at coffee break for both girls.

Sue Savely moved into her new home over the Christmas holidays. She says, "Let'er snow. I can walk to work now."

Micky Watson had a week's vacation near the Canadian border. Was fun playing in the snow, but was cooold. The warmest was 28°.

ACCOUNTING AND IBM

The Accounting department welcomes three new people to our group—**June Lobberet**, who is a transfer from the Export department and **Louis Turin** and **Bill Robinson**.

The IBM department also has a new addition—**Patricia Harris**, who is a key punch operator.

Our groups were especially pleased to have two students as extra help through the holidays. **Bonnie Loeffler** returned from **Washington State college**, where she is a junior. **Bonnie** has worked in the IBM department for the past three years during summers and holidays so we feel a personal stake in her future, and a special pride in her working her way through college. **Phyllis Hingston** worked in Accounting for two weeks. She is a junior at **Pacific university** in **Forest Grove**.

On December 12, **Bob Leipzig** entertained our groups at his home with a potluck dinner, dancing, games and much gabbing. Everyone had a wonderful time.

A Christmas Eve luncheon was held at the **Les Stevens** home in **Cedar Hills**, and a lovely meal was enjoyed by the Accounting department.

The Accounting department held a luncheon at the **Hill Villa** on **New Years Eve**. Almost all attended and a wonderful time was had.

COMPONENT PRODUCTION TOOLING

A hearty welcome to our newest member, **Duane Smith**. **Duane** is a December '59 graduate of **Oregon Technical Institute**, where he completed a two-year course in tool-making skills. He started at Tek on January 6 and the two and one-half weeks before he came to work were about as hectic and hurried as you could imagine. He graduated from **O.T.I.** on December 18, got married December 29, moved to Port-

land and started his new job January 6. A busy boy, isn't he?

This writer thought the wars were over long ago, but they must not be, 'cause conscription prevails around here. Three of the male members of our group received an unusual Christmas present, a letter which began "From the President of the United States: Greetings" **Tom Sandor**, **Fred Schonstal** and **Rick Wilson** all reported for a physical exam January 11 and they're now trying to envision how they'll look in "Modern Army Green".

Another of our group didn't wait for the draft board to reach out for him, though. **Charlie Huckins**, knowing that he was the correct age, and disgustingly healthy, didn't want to be drafted, so he rushed down and joined the active Army Reserve.

Seriously, though, all these fellows are the type that you can, in good conscience, trust with our nation's security. If they are called to active duty, we'll miss them and wish for them a speedy, safe return.

ALBUQUERQUE

ODE TO **R.L. COOPER**

Who solves scope problems with his degree?

R.L. Cooper, Tek F. E.!

Who fixes psramps and brings us raises?

R.L. Cooper. We sing his praises.

But now, old Coop (I hate to relate)

Something's arisen, caused by Fate.

I tried to tell you. . . 'Twas no use!

I kept turning chicken. A sad excuse.

I've caused a problem that's your Waterloo.

An answer your slide rule just can't bring through.

I'm 'fraid my problems in the hands of

Another.

Surprise! Surprise! I'll soon be a mother!

... **Deanna Ritchie**

KNOW STOCK

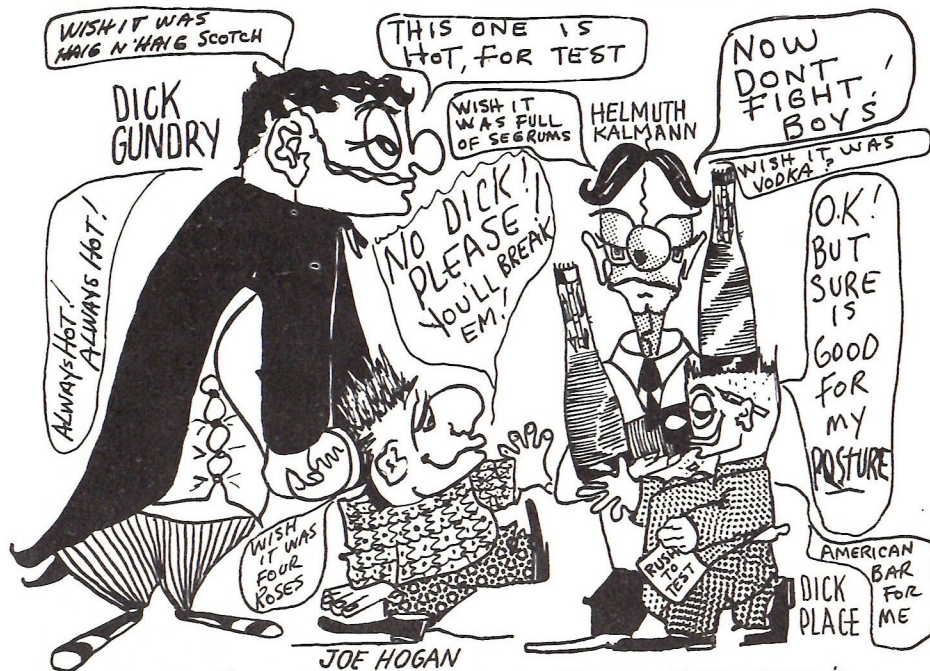
This month we welcome to the warehouse clerical staff **Jan Kosmalki**, who replaces **Joan Miller**, who moves on to Shop.

It was truly heartening to see the volume of clothes, etc. which the Stock department, along with **Receiving Q.C.**, gave to a chosen needy family. This is an annual event engaged in by the Stock department and various other departments of **Tektronix** and expresses in deed the triumvirate—**Stock Spirit-Tek Spirit** and **Christmas Spirit**.

Many thanks to **Buzz** and **Glenora Carrier** for the umpteen delicious cookies made and placed out for coffee break December 21st. Such a variety!

Bob Perry's cartoon below could well be termed **THE TUBE-TOTALER'S** (pun intended!) **Dick Gundry**, **Helmuth Kalmann**, **Joe Hogan** and **Dick Place** are a great group and do an excellent job. What did you do this to them for, Bob? Haven't you got no compassion, nohow? Is that the best you can do with your spare time. **Perry**, is to blast people?

One of these days you're gonna get it, **Bob**—to the moon! Soon as we find another cartoonist, your mug will appear in the next 10 issues—unglamorized!



BOTTLE RECEIVING DEPT., ALSO CRT'S



COFFEE BREAK

... WITH TOM WILLIAMS

First off, let's all give a grand hurrah that Dal is back to work (February 1) on a limited schedule and Hazel is at home too (January 30) after such a long stay in the hospital. The W.K. Dallahs are continuing physiotherapy with the guidance of a nurse at home. It was a long long time from June through December. Their airplane accident last summer and its consequence of long suffering have been surmounted by just the right mixture of modern medicine, faith and stamina as indefatigable as the Dallas grin. Glad to have you back!

Barb Ritchie, Baltimore, is advocating the revolutionary **WORK BREAK PLAN** for modern business that has cropped up from time to time in various publications. Intended to be an aid to steady employment and a means of assuring bigger paychecks, it has been so far successfully retarded in its growth by die-hard conservatives who feel extended lunch periods, coffee breaks, rehashing yesterday's TV programs and cultivating a new found friend at the water cooler is far more satisfying than cool cash in the kitty.

COSTS OF DOING BUSINESS (Economic Research Department—Chamber of Commerce) "While applying lipstick in the company lounge during her lunch hour, a girl tumbled backward and suffered injury. She successfully applied for workmen's compensation and in the St. Louis Court of Appeals the commissioner stated that applying cosmetics was for the girl's comfort, her convenience and self-esteem and even benefited her employer by allowing her to concentrate on her duties more efficiently." The Oregon laws may be different, but in a case where the employer also provides group insurance for non-occupational injuries and illness the girl's misstep becomes a claim against either one coverage or the other. Costs such as these are built into a company's overhead, in reality are additional income to employees by providing insurance they would otherwise need to buy at higher rates on their own. Such costs increase with an increased employee population. Safe practices resulting in fewer claims and a general reluctance to ask for ever-expanded benefits are the only ways in which employees can limit these costs and thereby increase their company's opportunity to show a better profit. Individuals can be effective in another way—as voters, in resisting trends in legislation toward increased costs of doing business.

BROTHERHOOD WEEK is February 21-28. Sponsored by the National Conference of Christians and Jews, this observance is intended as a period for individuals to re-dedicate themselves to the ideals of respect for people and human rights. Unless brotherhood can be made a normal and natural part of everyday living no amount of lip-service given to elimination of inter-group prejudices will help improve business, social or political relations. No special brotherhood observance is planned at Tektronix, but the opportunity to practice it is with us everyday.

TEK SPIRIT IN ACTION was what the girls in Capacitors called the willingness of their supervisors to form a "chain gang" on the day of the **BIG SNOW**. They were all on the road in a short time, chain clad and darn glad. Similar scenes were reported from other sections of the plant where helping hands were ready.

DISPATCH FROM EAGLE PASS (Sanford Press) Had to battle a 46" diamond-back rattlesnake, before we could ascend the steel ladder to the radar tower here at Eagle Pass Air Force Station. Also stumbled into a wiring trough totally ruining a screen door to the diesel power house. That's the Way It is in TEXAS! Anybody for Field Engineering?

DAVE SPINKS and his family journeyed home to Portland for a visit during the past three weeks. Dave is in charge of instrument assembly at Guernsey and spent much of his time here conferring with departments and individuals about methods useful to the new overseas operation. Symbolic of the approach to Tektronix's new activity.....wide eyed and growing.



Kyle David Spinks



Nicki Alvey

Ham Radio NOTES

BY EARLE PAHLKA

At our last December 18 meeting we had an interesting talk and demonstration of facsimile transmission via phone lines by Don Bunker, W7ZB, of Associated Press. Don brought along a facsimile receiver and while he talked we were able to see the reproduction of AP news pictures from New York, Chicago and Lawrence, Kansas.

This system makes use of a vast network of telephone lines, over which pictures from any part of the country can be sent to the whole system or any particular section of the country. The machines used by AP in this part of the country are manufactured in England and appear to be very well constructed and dependable machines.

At our meetings during 1960 president **Byron Witt**, W7VOK, and activities manager **John South**, K7COQ, are planning some very interesting programs. Most club business will be conducted separately from the regular meeting by the steering committee.

Attending our last meeting was field engineer **Jim Cook**, K6ZEM, here on a combined business and holiday vacation visit. Also observed around the plant was **Buck Murphy** from the Albuquerque office. Buck recently got a new K5 call, K5VLF (very low frequency).

Also from Albuquerque comes word that **Brian Ward**, K5GOJ, is one of three candidates for the ARRL office of section communication manager for New Mexico. Good luck in the election, Brian.

To date no one has heard from **Bob Seaberg**, K9LYL, who is supposed to be operating on 15 meters. Drop us a line, Bob, and let us know your operating time and frequencies. We would sure like to hear from other Tek hams in the field offices so we could possibly set up some schedules.

We should soon have power back in the ham shack and we promise to have K7AUO on the air. **Dave Robertson**, K7GJQ, is busily working on a six meter rig for the club station. **Gene Single**, K7IUN, says he has gotten confirmations from something like 30 states on 80 CW. How about some of the rest of you fellows reporting your activities?

We hear that **Dick Morris**, W7WWH, is really trying to knock of some DX with his brand new 10 meter beam. **Don Thiessen**, W7BBH, has been heard busily working DX stations.

Egon Ellsner, Walt Schmitt Talk to Student IRE

Egon Ellsner and Walt Schmitt (CRT) spoke to the student IRE (Institute of Radio Engineers) group at Oregon State college January 27.

They discussed Tektronix cathode-ray tubes, and accompanied their presentation with slides.



"Hello, boss? I won't make it in today."

GUESS WHO it is in the above photo-cartoon:

- (a) Judy Coiteaux (Marketing)
- (b) Dave Fisher (Human Research)
- (c) Richard Nixon (Republican Politics)
- (d) All of these.

If you guessed (a), you're wrong—and will Judy ever be sore.

If you guessed (b), you're right.

If you guessed (c), you're an un-informed voter, and had better read up on things before November.

DAVE THOUGHT up the cartoon idea all by himself, so let's all rear back and give credit where credit is due.

TEKS WHO aren't reading rack addicts will have missed out on the 1960 Almanac, a jazzy number stuffed with facts, and will just have to go through the year without being hep on things.

Here's some of the stuff it told:

WEATHER TIPS—

A morning rainbow is a sign of rain. Puddles in the road are another.

HELPFUL TIPS—

Set your hens and incubators February 4 to 20.

FAMOUS DATES—

February 1, 1775—Daniel Boone captured by Indians. They were careful to write the date down so history would know.

March 5, 1417—Paper first made from linen rags. Before that, housewives had no use for their old linen rags, so gave them away to poor beggar men.

March 24, 1900—Work on the New York subway began. New Yorkers tell us it's still going on.

Not much happened in April.

TEKS

May 3—The cross was invented. The inventor was a do-it-yourself caveman who stumbled on the idea while trying to build furniture.

June 9, 1876—First telephone exchange in Nebraska.

July 29, 1472—First almanac printed. The company since has gone out of business.

August 5, 1914—First traffic light installed. It worked fine for cars, but color-blind horses still had trouble.

September 20, 1818—Patent leather invented.

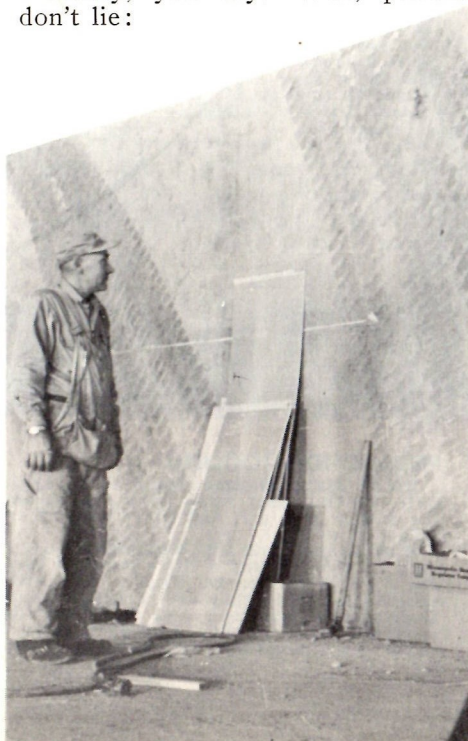
October 20, 1860—Table forks used. All the table-setting rule-books had to be reprinted.

AND SO ON, and so on. Them as missed the almanac missed a lot of swell facts.

TALK ABOUT a hustling crew, W.C. Sivvers Co.—busy putting up our interim office building—is it.

A modest lot, they've never bragged about their advanced construction techniques—for instance, the trick of driving trucks up and down vertical walls. It takes nifty drivers and tires with real good tread, but they do it.

Hooey, you say. Well, photos don't lie:



This is a trade secret with Sivvers and not every contractor has gotten onto it. We're sure Tekes and their families won't blab it about.

GREAT DECISIONS:

Writes Tek Talk's gun-room reporter:

"Stella Kutter has been loaned to the 555 group. We don't know whether to miss her or not, as she is still in the same room."



1960 WILL HAVE to go some to beat last year—leastwise over at the warehouse, where '59 wound up with a big splash.

Day before New Years, somebody put a nickel into the 7-Up machine and filled his cup. The vendor kept blurring pop, reports on-the-scene George Khtaian.

Dick Zschoche trundled out some gallon jugs, so's he could take the surplus home to his kids.

Meanwhile, warehouse guys were trying to stop the flow, George says. Su-u-ure they were....

AFTER THE jugs slopped over the gang filled coffee pots, buckets and what-have-you (or what-had-they).

When the machine finally ran dry, it had spouted about 10 gallons of pop (or about 160-Up).

George has one question:

"How come it doesn't happen when there's a party going and we need mixer?"

CAPACITORS

A vote of thanks to Jennie's Yardstick in appreciation for the lovely sheet cake sent to us at Christmas time.

Marcelle Buel and daughter, **Allison**, really enjoyed the holidays in their new home in Beaverton.

A stork and farewell shower was held for **Joan Hodge** on December 31. She received many lovely gifts and will certainly be missed by all the girls.

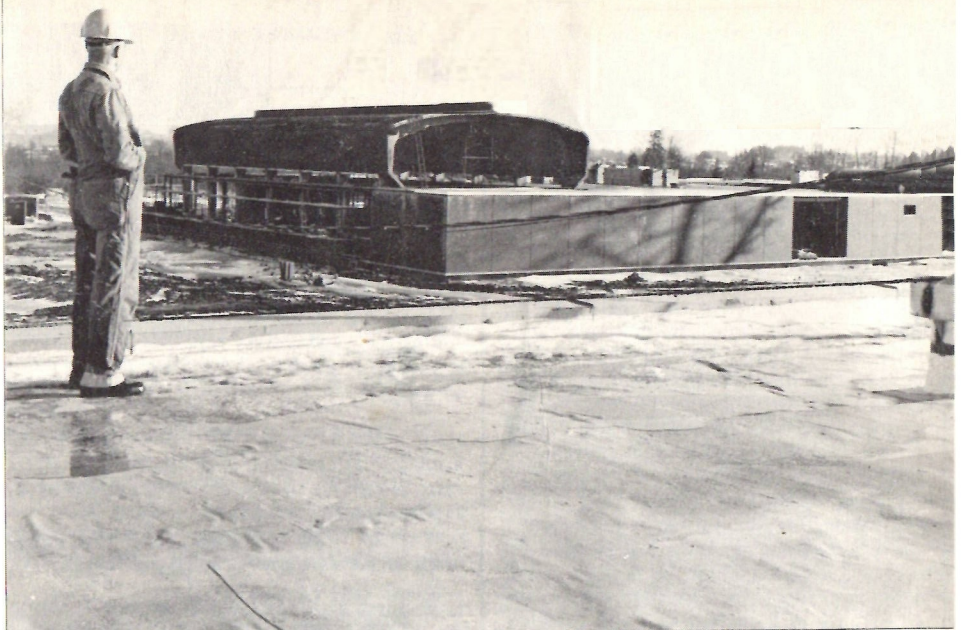
Oscar Olson, Research Engineer, has moved into new quarters in the Capacitor department. He has charge of development of new products and processes. He was formerly with Component Designs.

Barbara Sherbeck has moved into her new home in Hillsboro. With an addition to the family on the way, she says the extra room will come in handy. A stork shower was held for Barbara on January 8, at which time she received many nice gifts.

Margaret Madden's husband, **Mike**, arrived home from Japan just in time to spend Christmas with his wife and sixteen-month-old daughter, **Melody**, whom he had never seen. With his discharge from the Army, they are busily looking for an apartment in which to settle.

June Wooldrige has been enjoying a visit from Mr. and Mrs. **Arthur Bold** of Melbourne, Australia. They are very good friends of June's brother **Elmer**, who has been living in Australia for the last 14 years. They have been touring the United States and expect to return home by way of Europe and Suez Canal.

Judy Potts and **Len Norby**, who also works at Tektronix, have announced their engagement. The wedding is planned for



ONE OF THE better views of our new Ceramics building, rising on the Beaverton site, is from the assembly building roof. Pictured is **Gene St. Pierre** (Facilities.)

TRANSFORMERS

The Christmas holidays were enjoyed by everyone and the crowning glory was the bit of joy that we were able to give our Christmas family.

A happy and prosperous New Year to one and all!!

We want to extend good luck wishes to the following men:

Doug Robinson, who is now with Production Planning. **Jim Boogaard** with IBM and **Lawrence Kirkwood** with test.

There are three fellows wearing the "proud papa" grin. **Duane Edwards**, a daughter: **Don Nagode**, a son; and **Austin Carpenter**, a son. Congratulations to you and yours.

Barney Gregory is back and buzzing around after having a bit of surgery done on his left leg. You just can't keep a good guy down.

FINAL SWING

We welcome five new men to our department. **Lloyd Foltz**, **Norman Brown**, **John Seger**, **Marvin Hunt** and **Paul (Pete) Bengsch** came to us from Unit Wiring.

Two men left us to go on days. **Art Stipe** and **Frank Young**. I suppose things will look somewhat fuzzy for a few mornings.

Born: A boy, **John Fredrick**, to **Fred (Final Swing)** and **Mishka Morgus**, 10:30 a.m. December 28. Weight 5 pounds 5 and one-half ounces.

Familiar faces missing from Swing this time are those of **Jim Tormey**, who is going to school, then to test, and **Rocky Rockwell**, directly to test. **Joe Maples** is cracking the dawn on days.

Louie Lofland was voted the most valuable player on the Tek seven-man football team. For this honor he received an engraved trophy. (Good going, Louie)

There is a new addition to the **Lotsi Fazor** family. A girl, born December 20 at noon. She is probably destined to be great in music, as her grandmother has bestowed her with a piano.

CRT

Julie Diane is the new daughter born to **Vince** and **Sally Heinrich** November 30 at Tuality Community Hospital, Hillsboro. Julie weighed 9 lbs 5 and one-half oz. She has a sister **Jody**, 3 years, and brother **Jay**, age 2. The **Heinrichs** live in Hillsboro and **Vince** is employed in Pilot Production, CRT.

PRODUCTION TOOLING

Boots Kirby became grandfather again, twice in the same week. One son became the father of a girl and the other son the father of a boy.

Dick Braniff and **Bill Hoadley** are beginning to walk around a little lopsided these days, but don't worry. This is only from the bridge tokens they are carrying around from commuting back and forth to Vancouver. **Dick** says this is going to have to come to a screeching halt. This could hap-

pen, too, if you didn't get the right token in the toll gate.

Don Sipe is working in our area on a new wire bender while **Vern Mitchell** is making up the tooling for it. They are bending small wire for ceramic strips in Mechanical Assembly and also for the 610 probe.

An election was held for a new Tek Talk reporter for our group and **Hank Bullock** got the position by a landslide so I will be signing off as your Tek reporter. **Russ Bassindale**.

UW, MARSHALL'S MISSES

We now have two newlyweds in our group: **Roberta Jennings Petit** and **Stressle Hall Beaver**.

Seems **Roberta** is looking for a new gravy recipe. Was that a gravy sandwich you had, Mrs. Petit?

The group had a cake and wedding shower for **Stressle** the day before her marriage.

Near-casualty: **Yours Truly** coming in the front door looking like a mudhen after a three-point landing in ye olde muddle hole in the parking lot. Number of people who asked, "Did you fall down?" : 21

Teddy Opdycke early one morning put bread in the toaster. It didn't pop up. On investigation she found a mouse. Getting warm, I guess.

Newest member of our group is **Ross Kines**, who helps **Lita** with our switch repair. We only wish he weren't so quiet.

COILS

The new group representative for Coils is **Geneva Gainer** and alternate is **Shirley Farley**. The social director is **Melva Cra-ven**, and **Mary Kingsely** is reporter.

Nadine Grahn was welcomed back on the job after taking maternity leave.

Rosetta Williams flew to Texas to visit her daughter during the Christmas holidays.

Geneva Gainer drove to Canada to visit her sister during New Years week-end.

Geneva Buchanan's daughter, who lives in Idaho, visited her over the holidays.

Connie McLaren was recently married to **Phillip Sheeley** on December 22.

Rita Beers transferred to Delay Line Test from Coils.

Gladys Rattey and **Virginia Halverson** went shopping with some cash donated by the department. Result was a delicious buffet-style ham dinner. Many nice gifts were exchanged during the dinner.

CABLES SWING

January 9, Cable Swing crew gave a farewell potluck for **Mary Peloquin** and **Maxine Epling**, who went on days. Our loss is day crew's gain.

A cake was served for a combined celebration of five Swing girls' birthday: **Flo Voight**, **Dorothy Klier**, **Delores Douglas**, **Louise Glockner** and **Merlene Warening**.

Swing Shift welcomed the return of **Marial Wilson** January 18, with details of her new daughter **Rachel**, now 10 weeks old.

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