

TEK TALK



VOL. 5 — Number 12

Employee's Publication of Tektronix, Inc.

December, 1958

REGIONAL - NATIONAL MEETINGS ATTRACT ENGINEERS FALL WIND UP OF TRADE SHOWS FEATURE INSTRUMENTS



The Tektronix booth at CANADIAN IRE, TORONTO. Informative answers to intelligent questions.

AUSSIE VISITOR WINS NEW FRIENDS



Tom Ward

A representative of Electronic Industries, who is our distributor for Australia, visited Tektronix November 13th. This very likeable gentleman is Tom Ward who is presently head of the Import Division at Electronic Industries.

Mr. Ward lives in Ashburton, Australia, (not far from Melbourne) with his wife and two daughters, ages 19 and 14. He was away from home for 9 weeks on an extensive tour 'round-the-world by way of Italy, Germany, France, England and then the United States. His main intent on this whirlwind tour was to visit principals of Electronic Industries and contact potential principals. In order to accomplish as much as possible in a short period of time, Mr. Ward visited companies during the day and flew to various destinations at night.

Mr. Ward stated that he considered business over when he left Chicago and headed for Portland, as Tektronix is their favorite principal and they have no problems with us.

Electronic Industries employs 4000 people in more than 14 plants and is considered the General Electric Company of Australia. They manufacture communication equipment, radio, television and appliances—even a service-type oscilloscope that sells for \$100.00.

The Import Division, of which Mr. Ward is manager, employs 250 people with offices in 5 cities.

Mr. Ward's infectious personality made many friends during his short stay.

TORONTO

The fall wind-up of electronics industry trade shows began in TORONTO on October 8. The Portland group of Dal Dallas, Dick Rhiger and Bill Polits were on hand to bring the latest developments in Engineering at Portland to the Field Group that met in the host city of Toronto.

Eastern Division Manager Scotty Pyle, Marvin Crouch and Udo Lindenmeyer from Toronto, Ray Lisiecki from Buffalo and Bill Kladke from Syracuse made up the Tek group from the Field who attended the show. Elizabeth Neilson, Field Secretary in Toronto was extra busy taking care of the details peculiar to trade show days and 'visiting firemen'.

According to a report from Marvin Crouch, over 9000 technical visitors attended the show with a very high percentage visiting the Tektronix booth.

Udo Lindenmeyer, instrument maintenance engineer at Toronto, manned the camera that brought these excellent photos to Tek Talk.



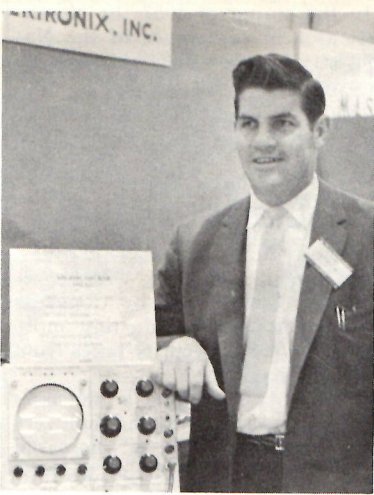
Ray Liesiecki Buffalo—hard at work.

CHICAGO

The entire Central Division Field Engineering group converged on Chicago for the NEC show on Oct. 13-15. Byron Broms flew in from Portland and was joined in Chicago by other westerners that had been in Toronto. Will Marsh also visited on his way back from attending a technical writing seminar—held in New York. Bob Seaberg sent along some slides of the show but many of them would not reproduce well in black and white, however, a view of the display rack and array of instruments gives us an idea of the (See picture—page 2)

attention getting booth. Russ Fillingier asked Inge Kreymer to forward one view of a trouble shooting session featuring George Edens, Bill Polits and unidentified assistants that, except for the obvious oscilloscope, looked very much like a crap game. (If anything was faded—it probably was a beam!)

The Central Division now numbers a total of 28 people who represent and ARE Tektronix to our customers in the mid-continent area of the United States. Field Offices of the Central Division are located in Chicago, Cleveland, Dallas, Dayton, Detroit, Houston, Kansas City and Minneapolis.



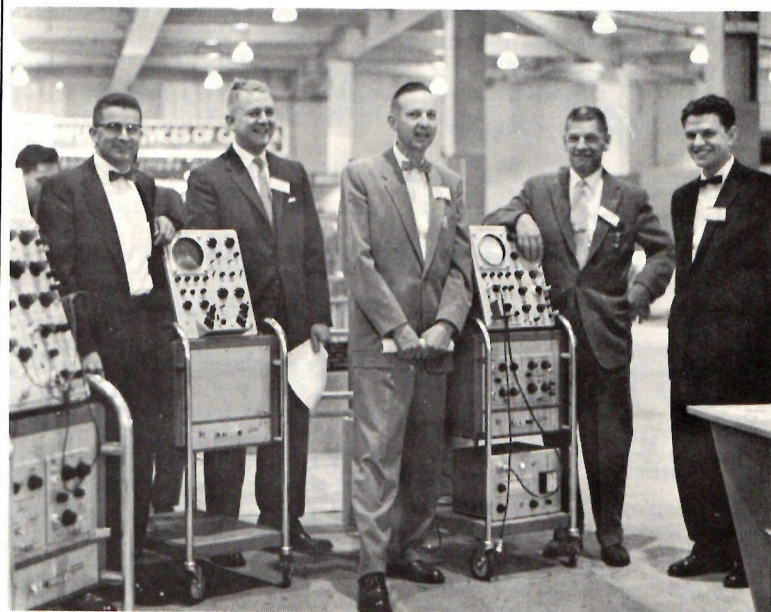
Bill Kladke, Syracuse and friend, Dual Beam 551.



John Adams, and some serious consideration.



Scotty Pyle, unidentified exhibitor, Ann Elliot—Boston Field Secretary, and Chris Christensen from Bronxville at the NEREM.



Scotty, Marvin Crouch, Dick Rhiger, Dal and Bill Polits. Marvin is Field Engineer in Toronto, and visited the factory in Portland this summer on a 're-calibration' tour.



Dick Phillips, at the NEREM



Lee Heaton, Boston and an interested observer.



Scotty Pyle and Dal—Communication personified!

BOSTON

In addition to the Boston Field Office group, the NEREM Show held in the Mechanics Building on Huntington Avenue was attended by Eastern Division Manager Scotty Pyle and Chris Christensen from Bronxville.

Dick Phillips stated that judging from past NEREM shows this one was a great success. Aside from the usual comments about Tek equipment, all good of course, there was a very interesting turnout. (Even Miss Massachusetts was there—witness the expression on Chris's face in pictures accompanying this article.)

Theme of the Northeast Electronics Research and Engineering Meeting (NEREM) this year was, 'Today's Electronic Developments—Tools For Tomorrow'. The national show stresses manufacturers and their representatives and provides spacious display areas where manufacturers may show their instruments to visiting engineers. Basically, the NEREM is an engineering meeting much like the IRE Trade Show and Convention, and trade shows in the electronics industry follow most generally the same format. Display and demonstration of instruments and informative answers to intelligent questions is the type of showmanship appreciated by the engineer visitors.

Instruments shipped from Portland for these shows included the Daylight Portable Type 317, Type 310, Dual-Beam 551, Type 543, Type 545 and Type 524AD oscilloscopes along with an array of pre-amplifiers, generators and Scope-mobiles.



Chris Christensen, Bronxville (Curve Tracing!) and Scotty Pyle.

Tek Talk

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

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

SHADES OF MR. SCROOGE!

We've never had it so good...

The following office rules were effective less than 100 years ago in this country. They were enforced by Zachary U. Geiger, sole proprietor of the Mt. Cory Carriage & Wagon Works:

1. Office employees will daily sweep the floors, dust the furniture, shelves, and showcases.
2. Each clerk will bring in a bucket of water and a scuttle of coal for the day's business.
3. Each day fill lamps, clean chimneys, and trim wicks. Wash the window once a week.
4. Make your pens carefully. You may whittle nibs to your individual taste.
5. This office will open at 7 AM and close at 8 pm daily, except on the Sabbath, on which day it will remain closed.
6. Men employees will be given an evening off each week for court-ing purposes, or two evenings a

week if they go regularly to church.

7. Every employee should lay aside from each pay a goodly sum of his earnings for his benefits during his declining years, so that he will not become a burden upon the charity of his betters.
8. Any employee who smokes Span-ish cigars, uses liquor in any form, gets shaved at a barber shop, or frequents pool or public halls, will give me good reason to suspect his worth, intentions, integrity, and honesty.
9. The employee who has performed his labors faithfully and without faults for a period of five years in my service, and who has been thrifty and attentive to his religious duties, is looked upon by his fellowmen as a substantial and law abiding citizen, will be given an increase of five cents per day in his pay, providing a just return in profits from the business per-mits it.

Be worthy of your hire!

GASTRONOMICAL STATISTICS

At a recent Personnel Department meeting, Elsie Rohrer gave out with some very interesting bits of lunchtime statistics.

Vi Cunningham, Mary Cramer and Myrtle Barker are on Elsie's permanent staff and are assisted now by Rachael Cressy at the Sun-set Plant. Delta Stratton also is a part time helper and works from 8 A.M. to noon at the Beaverton Plant.

Those hard boiled eggs we have been enjoying are made that way at a rate of 3,780 eggs a month or 190 eggs a day. Pastry is consumed at the rate of 31,680 pieces a month. (20 working days) Hot sandwiches are served at the rate of 3,360 per month, cold sandwiches are supplied 4,080 per month. Individual pies, 3,120 per month. Potato Chips, 3,360 bags per month. Salads, 4,900

per month. Fruit: Tomatoes—a lug a day, Apples—A box a day. Can-taloupes went at the rate of 60 serving a day. Grapes—approximately 50 bunches a day. Soup; 6,240 serv-ings a month. A total of 40,000 cubes of sugar are used a month to sweeten either tea or the 78,400 cups of coffee that were served in Sept.

Preparing and serving all of the above keeps the Snack Bar girls really moving without mentioning the innumerable other snack-paks, vending machines and condiments that are kept on hand to serve our hungry throng.

If anyone has a calorie chart it might be interesting to convert these figures and see how well fed our Snack Bar keeps us. A great number bring their own lunches of course and only use the lunch room as a place to eat.

G.P.M.C. TOURS PLANT



Tour Guides: Kenny King, Quality Control; Chick Furchner, Quality Control; Lee Crowell, Mechanical Design; Henry Haase, Engineering; Bob Jellum, Accounting; Forrest Schuh; Quality Control; Bill Sedig, Quality Control; Scott Foster, Pur-chasing; and Leonard Nelson, Test.

This group of Teks were hosts to members of the Greater Portland Management Club when they made a plant visitation to the Beaverton Plant, November 12. The film, "The Tektronix Spirit" produced by Frank Hood of our Engineering Department was shown to the group after which a talk on Tek-tronix as a growing company in the greater Portland community was given by Scott Foster. Following the tour a panel was formed by the guides and Don Kepler, our Person-nel Director. Kenny King acted as 'master of ceremonies' for the tour arranged by Tom Williams with the cooperation of departments in the Sunset Plant and Panelcraft that sent displays, and departments in the Beaverton Plant that placed work samples out for viewing.

By special arrangement, the Shop Etch operation scheduled work for that evening and Field Engineering Training sent Jim Johnson over with a scope display. Refreshments were prepared and served by Elsie Rohrer.

The Greater Portland Manage-ment Committee members were at the plant on special invitation from Jack Murdock. G.P.M.C. has sev-eral active members here at Tek-tronix and is an organization of people that are concerned with di-recting the work of others.

In the spring of 1957 the North-west area of conference of the Na-tional Management Association awarded Jack Murdock the "Silver Knight" award on recommendation of the G.P.M.C. as "Management Man of the year".

SOCIAL SECURITY TAX

On are first pay day in 1959, January 7th, Tektronix will be re-quired by law enacted by Congress this year to begin deducting more money for social security taxes from our pay checks.

There are two changes in the law:

1. The tax rate on both employers and employees will be increased from the present 2¼% of payrolls to 2½%.
2. The higher rate will apply to the first \$4800 of an employee's earn-ings, instead of the present limit of \$4200. This will involve a maximum deduction of \$120 this year, com-pared to the maximum of \$94.50 for 1958, which Tektronix matches with a like amount for each employee earning at least \$4800.

(Based on 1900 employees, the in-crease alone could represent a maxi-mum possible contribution from Tektronix of \$48,500. Or, a possible total contribution of about \$228,000 annually.)

These changes are effective for the first pay check received in 1959, regardless of the fact that this pay is for services performed in 1958.

A further increase is expected during 1960-62 when the tax will be 3% instead of 2½%. The extra tax is intended to finance additional Social Security benefits for us, our families, and our survivors. Pay-ments eventually, according to the schedule, will be as large as \$254 monthly to a family group.

Specific information about your own Social Security account can be obtained on request from the U.S. Government through their local of-fice of the Social Security Adminis-tration at 926 South West Fourth Avenue in Portland. Their phone number is CA 6-3361.

TEN YEAR TENURE ENJOYED



Bob Strutz

Bob Strutz, in charge of our Shop Tool Crib, recently became another "Tektronix Tenner". On November 1st of this year Bob completed ten years service with the company.

His entire decade with Tektronix has been devoted to the Shop, which makes him particularly valuable in the Tool Crib as he is familiar with all phases of shop operations includ-ing the Paint Department which he also worked in for some time.

His knowledge of shop proced-ures combined with a friendly and helpful manner, makes him a valu-able asset to the shop organization.

Bob recalls that when he started with Tektronix, there were only seven or eight people in his depart-ment and much of the present labor and time saving equipment was non-existent.

Bob's home town is Council Bluffs, Iowa, and for two years he operated the shaper in the Tool & Die Department of the Glenn L. Martin Aircraft Company in Omaha, Nebraska.

Bob spent four years with Fred Meyer Company before joining Tektronix.

He has been married for 35 years and has four sons and a daughter and fourteen grandchildren.

His hobbies are hunting and fish-ing and making temperamental gas-oline-propelled vehicles behave prop-erly.

Congratulations, Bob, on complet-ing your "Ten", and best wishes for golden years in the future.

How To Pitch An Umbrella Tent

by Vern Bartlett

Now that vacations are over and everybody is back in the saddle it seems timely to recall some of our summer activities and some situations pertinent to the season. We have particularly in mind some helpful hints for camping and this article will deal specifically with setting up an um-brella tent.

First of all you have to be going on a camping trip and, naturally, the tent must go along. You go out into the garage and remove several hundred pounds of assorted debris and, sure enough, there it is, right where you put it last fall.

Umbrella tents usually come in canvas bags. Since the bag is not big enough for anything else, the poles come in another smaller bag. Like-wise, the stakes are in their own, even smaller bag. These three make a handy bundle weighing in the vicinity of two hundred pounds.

Since you are acutely conscious of the need for shelter, these are the first items you put in the car. You then put all the rest of the junk in on top.

When you arrive at the campsite, still concious of the need for shelter, you take all the junk out of the car to get at the tent, poles and stakes. The last time you packed the tent you were tired out so that it was not rolled up tightly enough. As a consequence you were forced to jam the tent into the bag, making for an extremely tight fit.

Under this circumstance, extricating the tent is a two man job but this time you are alone so you have a choice of (a.) Slitting the bag with your hunting knife, (b.) Nailing the bottom of the bag to a stump and pull-ing on the tent and (c.) Using strategy.

After having used strategy you choose a logical site for setting up the tent. This should be reasonably level and free of rocks and sticks. You unroll the tent in this location and look around for the stakes. They are not in sight so you look through all the junk. They're not there either.. Finally, deciding you left them home, you get the hatchet and set out to make stakes.

Since there is nothing but sagebrush within a radius of two hundred miles you make stakes out of sagebrush.

Twenty five mnutes later you return with eleven stakes and four blisters. You drive the stakes through the loops around the edge of the tent bottom, taking care to stretch it neatly.

Now, most umbrella tents come equipped with a tall pole for support-ing the center of the top. This system involves meshing the pole with a device in the top center and raising same. So you crawl in the open-ing, dragging the pole with one hand and groping for the center with the other. (It's dark in here.)

Finally, bringing these two parts together, you walk triumphantly for-ward and lift on the pole at the same time. When success is almost with-in your grasp the bottom of the pole hooks on the front of the tent floor, the pole bounces back, everything comes apart and you start all over again.

This time you deftly lift the bottom of the pole and up goes the tent! At this point you pause momentarily to reflect upon man's superiority over material things.

Almost all umbrella tents are equiped with a small canvas square sewed in the exact geographical center of the floor. The bottom of the pole must rest on the center of this square. But, since you have stretched the bottom too tightly when you put in the stakes and the tent has shrunk since last you used it, the tent is erected, but with the pole about eighteen inches off center.

Being a stickler for neatness you decide this odd angle has got to go. So you grab the pole firmly with both hands and proceed to pull, lift, tug, yank and puff until the pole rests neatly on the center of the small square. By now there is a noticable wow in the pole and the tent is so tight you can play it like a bongo drum.

After a fifteen minute break you tackle the next problem. This is raising the flap which, in the catalogs, is referred to as the canopy. It is supposed to be used to ward off sunlight. Usually it comes in real handy as a roof under which to stand when it rains.

The canopy is raised with two wooden poles and ropes in the outer corners. You get all this arranged and move out with one rope, only to find that where the stake belongs there is a patch of three-foot-deep loose sand. The other stake is hindered by a twenty ton boulder.

This means that the tent will have to be turned, and, since you insist upon camping comfort, you take the whole works apart and turn the tent ninety degrees.

By this time you have done all this you are practically exhausted and it's too dark to see anyway so you forget the whole thing and sleep in the car.

INSTRUMENTS DISPLAYED AT NEC—CHICAGO IN OCT.



Byron Broms, second from right, explains instrument specifications to an interested engineer-visitor to the NEC show in Chicago. The Tek-tronix display of oscilloscopes, plug-in amplifiers and auxiliary instru-ments attracted many of the thousands that came to the midwest meet.

(See story—page 1.)

IBM... Poughkeepsie - Kingston

A TEKTRONIX CUSTOMER STORY by John West

John West
New York
Office



Located on the banks of the Hudson River, 75 miles north of New York City, lies the City of Poughkeepsie and one of IBM's several sites throughout the United States.

At the present time there are 85,000 people working for IBM. Of this number, 61,000 are in domestic IBM and 24,000 work for IBM's World Trade Corp. There are approximately 20,000 IBM'ers in the Poughkeepsie-Kingston area.

In the Poughkeepsie section, research development and manufacturing are done on data processing equipment, large scale computers, punched card machines, proof machines and punched paper tape machines.

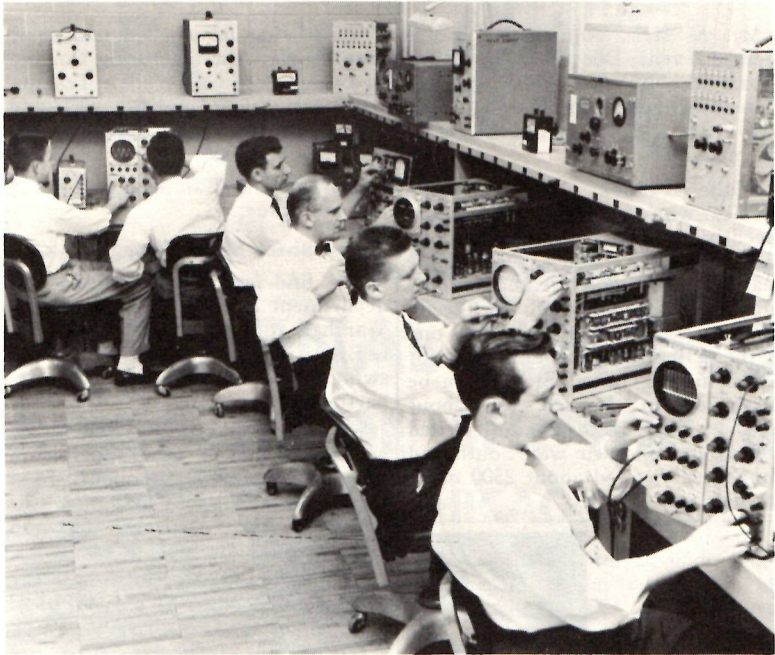
At Kingston, twenty miles north of Poughkeepsie, we find the Military Products Division of IBM. This division builds the SAGE computer and electronic equipment for the B52. There are approximately 10,000 IBM people here. The total number of Tek scopes at Poughkeepsie and Kingston is close to 3,000, with just under 500 smaller instruments. There are eight different test departments located in the Poughkeepsie-Kingston area, and at least five of them spend 80% of their time scheduling Tek equipment for periodic checks.

In Poughkeepsie the electronic accounting machines have become the IBM electronic giants that provide automation in offices and research centers. Many major corporations in America today use the IBM 704 and 705 machines. In almost every important piece of recent scientific research, the IBM 705 has played a vital role. With each 705 installation that leaves Poughkeepsie, they include two 535's, one 531, one 53/54C and one 53/54B as standard equipment. Each 704 installation includes a 535 and a 531. The 705 has put modern record keeping on the production line. Through its magnetic tape carries the processing of records from raw data to complete and final reports in one continuous operation. In industry, for example, stock inventory, which has always been an unwieldy chore, has been made permanently easy by the 705. This machine does away with the recurrent trials of periodic inventory—it keeps a continual inventory. It not only records stock exchanges and levels, but writes the orders for new or needed stock.

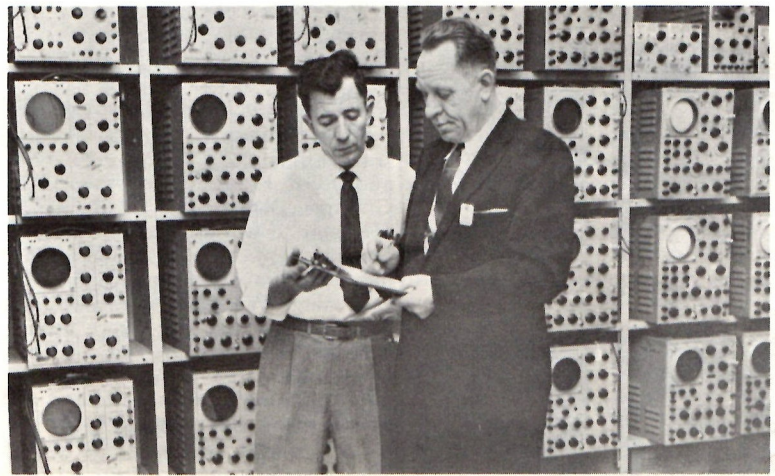
For insurance companies the 705 is an invaluable boon. The magnetic tape of the machine can store all the information on every policy the company issues. The machine examines all the policies for possible errors and corrects the errors. When premiums are due, it prints the notices for the policyholder, and later records his payment. For the statistical tables, so necessary for insurance operations, the machine can compile information in a matter of minutes. Many are the wonders of the 705.

And many are the wonders, also, of the 704. It has become the strong-arm of scientific research. From a minimum of data it can produce a maximum of information. After evaluating information, it can arrive at complex decisions, predict radical changes and effects.

The Vanguard Computing center in Washington, D. C. was established for the purpose of calculating and predicting the orbits of U. S. scientific satellites. It is operated by IBM under contract with the Navy. At the center, IBM calculates orbits based on reports received from Minitrack Radio Tracking Stations which pick up the radio signals from the satellites. IBM computers were able to calcu-



Six technicians from IBM's Department 780 (Test Equipment Engineering) repairing Tek scopes. This department spends approximately 80% of its time recalibrating Tek equipment.



Mr. John Kasakowitz, a Technician, on the left, with Mr. Helmut Faasch, Associate Engineer, on the right. Mr. Faasch is in charge of Department 780. When IBM supplied these pictures they pointed out that these scopes had been brought in especially for the purpose of taking pictures. They wanted us to be sure to include this in the caption, as they did not want to give the impression that all these scopes sit on the shelf gathering dust!

late and accurately predict the orbits of the Russian satellites very soon after they were launched. Similarly, these computers have traced the U. S. Explorer Satellites.

Another 704, located at Cape Canaveral, Florida, is used to monitor rockets in flight. This machine actually tells the scientist involved whether or not the rocket is on the right track and, if it isn't, warns them so that it may be destroyed with the destruction switch.

The first of the 700 series large scale computers were rented for from \$17,000 to \$65,000 a month when they were installed in 1953. There are now over 200 on rental throughout the United States. The first IBM 650, a drum calculator—an intermediate data processing machine—went on rental in 1955. They charge from \$3,750 to \$16,000 a month for it, and there are now more than 1,000 of these systems installed.

With the first RAMAC during 1957, IBM believes they have another new major product line under way. This is also an intermediate data processing system, but it fulfills a different need from either the 650 or the 700 series. Its average rental is \$3,300 a month, and it is called RAMAC. RAMAC means Random Access Method of Accounting and Control. It is unique because it can handle the processing of business transactions as they arise rather than requiring that these transactions be accumulated in batches before processing. Research and developing is conducted in San (Si Corn land) Jose, California. Most of the service on the RAMAC in the field is done with 310's. In fact there are approximately 1500 Type 310's scattered throughout IBM's field offices.

At the large, attractive, three-story, 1/3-of-a-mile long building located in Poughkeepsie, the Manufacturing Department produces the

machines that have been the short-cuts to 20th century progress. They both manufacture and assemble here. To be absolutely sure that the equipment is of high quality throughout its operation, it is tested and retested. At Plant #2, which includes manufacturing, test equipment engineering, etc., there are approximately 575 Tek scopes.

Working with the test equipment department is an Instrument Repair group headed by Mr. Helmut Faasch. His group initially repaired and recalibrated 200 scopes plus 105s and 180s. However, Mr. Faasch has recently taken over all of the maintenance of Tektronix equipment at Plant #2. This efficient Instrument Repair group includes ten men. However, now that they have to maintain more Tek

FINAL FOLLIES...

We welcome our two new stock room helpers, Ed Davis, transfer from the Stock Dept. and Jim Bond, who is new at Tek. We hope you can put up with us. Best of luck.

We were sorry to lose Dick Forsyth and Bob Wruble who transferred to Instrument Service. Good luck.

Roger Noyes' wife presented him with a bouncing baby boy last month. Congratulations, Roger.

When asked if he had any news, Eldon Cedergreen said "no". Well, anyway, Eldon we wish you, your wife and your new "son"? or "daughter"? the best of luck.

We were glad to have Rhoda Chalupa back to work after her illness.

We send our best wishes and a speedy recovery to Esther Neuruer who has been under the weather for the past few weeks.

KIT PREP.—COMP. TEST

Hazel McGee was honor guest at a pink and blue shower Nov. 14 at the home of Elaine Kinsman. Twenty-four guests attended and all had a jolly time. She is now on leave waiting her special Christmas Bundle.

Thanksgiving feasting was hastened by a very special pot luck in the Kit Prep area Nov. 17th. Special guests were; Marietta Kilgore, who transferred to Requirements, and Marvin Sprechler who left for Mech Assembly as Group Leader. So we bid them goodbye. We welcomed Winifred (Sally) Watts from Mechanical Assembly and Richard Hall (from Standard Oil Corp.) to our department.

Component Test has a new member, Edna Lohr, from Unit Wiring who has become a permanent addition and several girls have been loaned to give us a lift, among them Marilyn Cavens, "Do" Harkelroad, and Loretta Hormel.

The Bill Love's spent Thanksgiving visiting friends in Shelton, Washington.

Our congratulations go out to Don Burkey who is to be married December 27th. His wife is a school teacher in Forest Grove. Good luck, Don!

Girls, don't go around unchaperoned. Vince Bail has been seen chasing little old ladies in his car. Easy does it, Vince.

If anyone has any questions on wood lore we have the Daniel Boone of the Twentieth Century. Our Daniel is Al Hand. He's a real woodsman from way back.

Lee Wagner has started a safe driving campaign. This campaign is intended to force Dick Trythall from driving his car on public roads. Keep up the good work, Lee.

The Final Dept. selected two families to help on Thanksgiving. The food baskets were warmly and happily welcomed. I'm sure we would all like to thank Roger Noyes and Lee Wagner for delivering them in our name.

We of the Final Dept. would like to wish everyone in our Tek family a "Merry Christmas" and a "Happy New Year". In case our wishes arrive late, we would like to be the first for next year.

WIRE CLIPPINGS

Rosalie Stromberg and husband spent a weeks vacation in Canada recently.

Evelyn Meyers left us to join the group in Quality Control. Evie will repair and inspect. Good luck on your new assignment.

Since Marilyn Caven has transferred to Marvin Sprechler's group, Geoa Becker has taken over her duties as group reporter.

Lalah Smock is mighty proud of that brand new grandson born Nov. 20th in Tennessee. Named Terry E. Smock, Jr. and weighing in at 8lbs. 14oz., he makes Lalah "Grandma" for the fourth time.

Helen Sherrod with husband Don (Engineering Dept.) and Paul Bennett and Larry Abney (Test Dept.) and Ralph Show (Manuals) returned last week from an Elk hunting trip on the South Fork of the Walla Walla River. Two elk were brought home by the party.

Alta Persons who recently underwent major surgery is recovering rapidly at home. She sends word she expects to join the group for a Christmas Smorgasbord. We'll be expecting you Alta.

TEST NOTES

A Halloween Costume party was held by the women in the Line Tuning Group, Nov. 1, at the home of Harde Kauk. Among the many colorfully garbed guests were Betty Carter and husband in Spanish costumes, Jardis and Buz Brookens as male impersonator and female impersonator respectively, and Irene Parsons and husband, who appeared at the door in nightgowns, and nightcaps holding candlesticks.

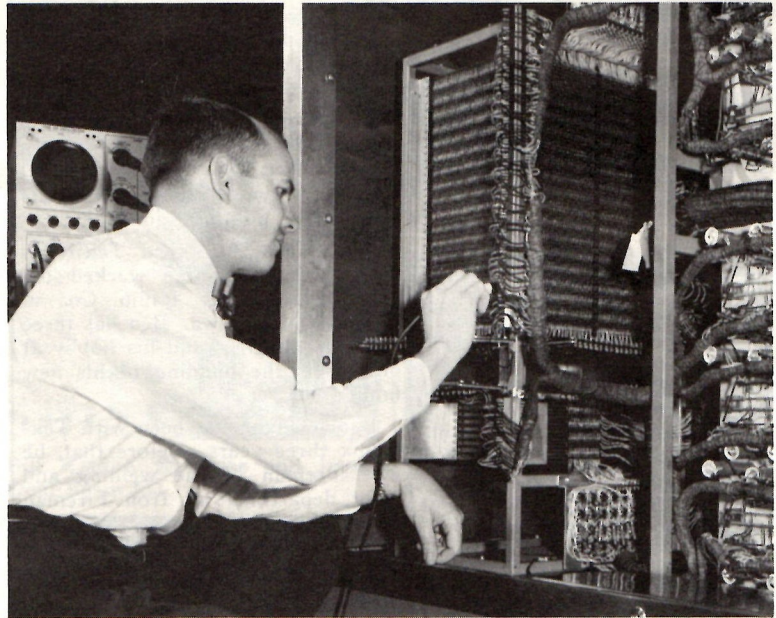
"Bon Voyage" was the theme of an open house for Mr. & Mrs. Earl Wantland at the home of Mr. & Mrs. Wayne DeVaul, Sunday, Nov. 9. Earl and his family have since departed for the Isle of Guernsey where Earl will be doing his bit for Tektronix.

Charlene Colby is back with us after an absence during which her son Mark Edward was born.

The lure of Elk hunting drew many of our sportsmen into the field, but only Paul Bennett (so far as is known) reported a kill. Among those who enjoyed the air and exercise were Dick Pooley, Bill Lukens, and Emil Evans.

Mickey Howard has left the Test Department to do lay out work for silk screening in the Pre-production Dept.

Mickey has been an avid amateur artist, but now she will turn from her oils and canvas to ink and anodized aluminum. But chassis are not unknown in artistic tradition. Famous artists have turned to chassis before. Was it not Goya who painted the Duchess of Alba?



At the Boeing Airplane Company, a Tektronix oscilloscope is used to check the "memory" bank of a big IBM-705 computer.

— Boeing Airplane Company Photo

CABLEGRAMS

The Cable Department is one of the better fed groups in Washington County. We have a custom of providing treats for the crowd on many occasions such as; becoming permanent employees, anniversary of one or more years with Tek, Engagements, Weddings, new babies or grandbabies, or just wanting to say thanks for any reason. Well, it is a nice custom and when you consider the fact that we also have pot lucks that **these** treats do not include, you can see why I say we are so well fed. These occasions are so numerous I usually don't mention them but I thought you might like to know about our latest treat. (It might start something throughout the plant.) We had planned to all bring pie and cream for a Pie Thanksgiving Treat—and so we did—and were we surprised when six of the girls newly made permanent provided turkey and the rest of the dinner! We give honorable mention to Maxine McCabe, Lois Rowlands, Joan Stephens, Monttie Wallis, Kate Hitchcock, and Lil Walker. These girls are **not** up for transfer so it will do you no good to ask us.

We have one new girl this month, Phyllis Moe. She has a husband and two children and we hope to get better acquainted. I have found out she is a marvelous seamstress. The line carrying yardage forms to the left.

I must mention the cute new dog houses we have. They are used for set-ups for smaller cables and are about half size. We call them "puppy houses". We have tried to think of a nicer name for these affairs that hold the pre-cut wires, but we have never come up with anything. We are all women in here and it seems natural for a woman to have a doghouse.

CRTeazers

Small Parts and Cathodes people have had occasion for frequent parties or get-togethers. A downpour of rain didn't halt the thundering group headed for the home of Ernie Estes and wife Helen at Beaverton Hylands.

The next week Dee Blohm's house in Cedar Mill Park was target of the party going herd. Lastly, the troupe ventured to Forest Grove to view Aileen Haywards family home. Each family was presented with appropriate gifts as a memento of the group's visit to their new home.



Ann Sullivan

On October 29th, CRT gals gave a housewarming to Ann Sullivan at her new home, 2430 S.W. Sandalwood avenue. She was very surprised and pleased with her party. Ann has been with CRT for a long time as a part of Jack Neffs' crew and has a special job sealing stems to guns on a huge sealer. The sealer is fast and automatic and keeps Ann at constant attention. It is easy to locate Ann at CRT. Just look for a small, dark, curly headed gal with a beautiful smile.

PROD. ENGINEERING

Two men in Production Tooling Dept. have made Oregon their home. One is Fred Timmins, who came here from Des Moines, Iowa in Oct. of 1957. He was employed there as a Tool & Die Maker for the Western Tool & Stamping Co. Fred, with his wife Pauline, daughter Karen, age 9, and two sons, David 8, and Kelly 5, now live in the Cedar Hills Area.

The other fellow is Harold Bullock, whose home was in Palo Alto, California. Harold was employed by G.E. Micro Wave Lab, in Palo Alto, before coming to Tek. His wife, Barbara, and two children, Mike 4, and Chris 7, like it real well up here.

On a recent Deer hunting trip to the Mt. Hood Area, by four men of Prod. Tooling, Herman Ball, Bert Eberly, Roy Slack, and Fred Timmins; Roy Slack bagged a 5 point buck deer that scaled 185 lbs. This deer had a perfect rack of antlers and made a fine trophy for Roy.

Congratulations to Bud Sundby, Bud Kiem, and Don Turk and Hank Jorgenson, who all had additions to their families in the months of Sept. and Oct. All four of these fellows work in Production Maintenance Dept.

Ben Brazauski and Armond McDowell, who have both been building new homes, have recently completed them and moved in. A job well done, I understand.

The Stereo, Hi-Fi bug has bitten hard in Prod. Eng. A large group of fellows are building their own sets in their spare time at home. These are to be a high quality set from a design by Marlow Butler. Our lunch hour conflag is now made up of Stereo Hi-Fi conversation.

CAPACITOR CAPERS

The Capacitor Department was very happy to hear of the engagement of Joan Lukens, daughter of Ruth Lukens, Capacitors, to Jess McNeil Jr. son of Lorraine McNeil, Capacitors. Just another way of showing the world we are one big happy family!

Charles Judkins, brother of Ruby Carter, spent a two week furlough from the Merchant Marines with the Carters. He is stationed on the East Coast.

Get Acquainted Day is still going strong with the different groups furnishing the cookies. This event takes place the 1st day of the month.

This department is still growing with Jean Crawford, Doris Ziegenbein, Clarice Fowler, Jessie Cole, Evelyn Paul, on days, and Eva Niekirk, Janet Heisler, Lurina Young and Thelma Fritz on the swing shift in the Capacitor Department and Margie Parkin in the Pot Department.

Vern McAdams, inventor of gadgets and gimmicks, had his wife in the hospital over the Thanksgiving Day holiday. She is at home now recovering from surgery and doing fine.

Lloyd Morris is still at Portland Sanitarium and would like to have visitors either there or at his home. You could call and find out where he is at the time this edition is out.

DELAYED LINES

The Coils enjoyed a very nice potluck recently. The main dish was Swedish Sausage made by Nadine Eades.

Arlyne Wolgamuth has some Siamese kittens for sale as Christmas gifts.

The Coil Department is planning a Christmas party at "Ye Old Town Crier", December 10th.

The Department party on the 8th of November at the Grange Hall was a huge success. Music for dancing was furnished by the swing shift.

SHOP SWEEPINGS ...

Mr. & Mrs. Tom Ruyle had a blessed event December 1st. (7lb. 14oz.) A boy! Congratulations to Tom and June. Perhaps a brand new "Big Ten" quarterback is in the making.

Willie Franck and his wife, Jackie, who works in Ceramics, recently spent a weeks vacation in Mexico and returned with some beautiful hand tooled leather wallets and purses they bought while in Tijuana. According to Willie, one of these items that would retail for \$20.00 in the United States, can be purchased in Mexico for about \$6.00. The vacationers visited Disneyland on their way South and altogether covered about 2500 miles on their trip.

Small Jig And Tool Group



Elmer Barber



Ben Brazauski



Bunch Dixon



Howard Ewan



Joe Gayton

Let's get acquainted or re-acquainted again, as the case may be, with the boys in this department. We'll introduce them alphabetically, as space permits, in successive issues.

Elmer Barber has been with Tektronix three years. He formerly worked for three years in an auto glass shop.

He has two daughters and his hobbies are hunting and fishing.

Ben Brazauski joined Tektronix three years ago. He worked ten years for Collins Radio Co. in Cedar Rapids, Iowa. Ben has three children, all girls, and his hobby at present is the building of his new home.

Bunch Dixon has been with Tektronix three years. Before that, he was foreman of the welding and paint department at Iron Fireman for seventeen years.

Bunch has two children, a boy and a girl, and his hobbies are fishing and bowling.

Howard Ewan, who has been with us seven months, was shop foreman at P.G.E., where he worked for fifteen years. He has a five year old boy and his hobby is camping out.

Joe Gayton started with Tektronix seven and one-half years ago.

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

Prior to that he worked two years with Fowler Manufacturing Co. and two years with Caterpillar Tractor. Joe has two boys and two girls and his hobby is archery and hunting with bow and arrow.

More on the Maintenance Tek's in the next issue.

Shop—Sheet Metal Group.....

We find new faces around our department lately. Ethel Hunt, Joe Marshall and Jim Fitzgerald. Frank O'Brien is now on days instead of swing shift. Welcome to our department.

Ken Gross has transferred to the warehouse and is now supervising our Scopemobile Department. Stan Vert transferred to Production Engineering Repair Department. Good luck in your new jobs, guys.

Bob and Pat McIntosh are the parents of a boy (9lbs 4¼ ozs). They also have two girls.

Waldo Johnson, George Riley and Grant Buchanan were among the lucky ones to get their elk this year.

Shop Finishers

The 'really big news' in the department is the Shop's annual Xmas Party. The committee and all concerned have been working like 60. We hope it will be a huge success.

Bob Phillips arrived in New York from England on October 29, 1957 and from there went to work at Gillespie Decals, Inc. in Portland. He came to work at Tek in the Silk Screen Dept. this November. He has 20 years of experience in Silk Screening. We regret to hear, a few days ago his son got severe burns. Everyone in Silk Screen remembered him. Bob & Wife want to take this time to thank one and all for the many nice gifts.

Jerry Smith returned to work after a couple weeks off for an operation. He says lying in bed isn't what he thought it would be.

Mel Ludwig hasn't told a single fib in a couple of weeks. We think he's turned over a new leaf—Xmas just around the corner. But we notice he still whistles at all the gals walking by.

Our sincere sympathy is extended to Bernie Menard's wife. Her mother passed away rather suddenly.

Hulda Jamerson took a very pleasant jaunt to Frisco over the holidays and spent them with her son and daughter. It was her son's first holiday dinner with his family in nine years.

Virginia Haupt and Martha Hyde, in Silk Screen, had recent birthdays, also Bill Dunken.

Dave "Dad" Bennett came onto days from the Swing Shift.

Bernie Menard must be from Missouri—he finally found out how the other half of the people live. Betty Brown, Bernie Menard and Aloha Jernigan interviewed two families (which are in dire need) which the entire Shop is playing Santa to this Christmas. He just couldn't imagine conditions as they exist, but is wholeheartedly in agreement that they need help. Just hope we fill Clyde's office so full of gifts he will have to go elsewhere to work.

Walt Zoucha is having so much trouble with his new Ford, he is almost in the mood to trade Clyde for his Edsel. He's had trouble making it to work on time.

PLASTIC PATTEN

Andy Briggs is the proud owner of a Renault. I hear this car corners like a fiend. (I can not substantiate that fact as I could not find a fiend in the act of cornering; as a matter of fact, Daddyo, it's like I don't find no fiend doing nuthin.) Anyhow, Andy, we will assume it turns.

The male population of the department gave a pot luck for the girls. The food was delicious and was considered a great success. Incidentally, the host for this event was Mr. D. G. Bergeron who poured the cider and generally entertained. Signed (So-si-ti Editor)

FLYING CLUB NEWS



Dan Delano, Test

While some of us are talking flying, others like Dan Delano and John Kobbe's wife Geneva, are putting in time and effort at the task. At last reports Geneva is almost ready to solo.

Dan began flying one month after joining the Flying Club last March. By June he had completed his instruction to the point where he was ready for his first solo flight in the club's J-3. At least 8 hours of dual instruction time must be logged before a student pilot can solo in the club's aircraft, and this figures out to be roughly 1 hour per week for Dan.

After completing his solo flight and flying around home base for a few more hours, Dan was ready for cross-country instruction. With Jerry Van Grunsven of Wiks Flying Service in Hillsboro, he was off for Madras and Lebanon, Oregon. Successfully accomplishing this flight, our student pilot was ready for his solo hop to Astoria, Oregon, for their annual fly-in. Here he was chauffeured into town for his dinner and awarded a trophy for being the youngest pilot present. Dan commented that many of the people attending the Astoria Fly-in were 50 years of age or over.

The day before Labor Day, Dan flew the J-3 to Sunnyside, Wash., near Yakima, to visit his uncle. Starting back, a trifle late and running into strong head-winds in the Columbia gorge, he put down at The Dalles airport. Here he met a gentleman who offered him a lift home in a Cessna 172 because the club's J-3, being a trainer and not equipped with navigation lights for night flying, would have been the wrong plane to try to fly home in the waning daylight.

Dan elected to stay with the plane, whereupon the man offered him the use of his car, since The Dalles was on the other side of the river and miles away. So as our gentleman friend flew off, we find our student-pilot left but not stranded. Telephoning his intentions to people at home, he spent the night in a hotel in The Dalles. Next morning, he was off for home with a whole day ahead to plan his flight, instead of what a few student-pilots have mistakenly done, trying to stretch the daylight.

Here, then, is the beginning of a good pilot. Another Tek has taken to the air for pleasure and for profit, for who would deny that flying is today's way to travel, not only for the young but for the wise.

All Tek employees who may be interested in Flying Club Membership are invited to contact members for further information.

Vivian Brown
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Beaverton, Oregon

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