

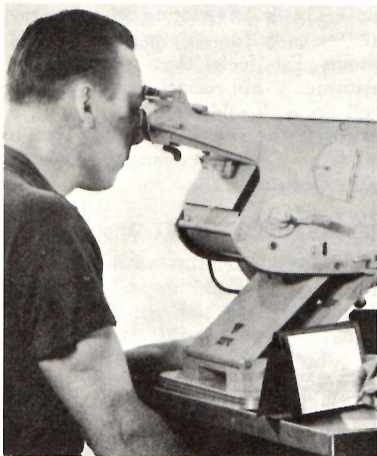
# TEK TALK

Volume 4 — Number 17

Employees' Publication of Tektronix Inc

December, 1957

## Vision Recheck Possible Here



You may or may not have been given the Ortho-Rater test for occupational vision. At any rate, you may now, at your own discretion, take a few minutes from work and have your vision checked against the validated Purdue Vision Standards that have been set up for your particular type of work. You may find that the results of the test will give you reassurance that your vision is good for the type of work you are doing or perhaps find that "My left eye was doing all the work and I didn't know it", as one person is quoted.

We have a sincere interest in having you work safely, comfortably and with as little fatigue as possible. Proper care of the eyes can have a marked effect on nervousness caused by tensions built up when a person wants to put out quality work under poor vision conditions. It can also reduce accidents caused by misjudgement of distance.

We differ in seeing ability as we do in other characteristics—different kinds and degrees of visual performance. For instance, **Near Vision**—inspection of small parts requires sharp, sustained vision at close distances; **Depth Perception**—Many occupations call for high degree of judgement of distance. **Near and Far Vision**—Truck driving requires not only keen near vision but also sharp vision at far distances. **Color Vision**—Color discrimination is important to many jobs, especially where color coding is used.

### The ORTHO-RATER What it is.

The Ortho-Rater is a modern precision optical instrument for reliable and valid measurement of the individual characteristics of vision that have proved to be most important in the work situation. The test takes less than 10 minutes.

### HOW we use it.

The jobs in our plant have been analyzed and classified under six basic Purdue U. vision standards.

Twelve visual skills are tested by the use of standardized slides. Your results are compared with a template considered as a standard for your type of work. The findings are made available to each person at no cost and he can decide for himself whether he wishes to consult his own optometrist or ophthalmologist for aids to better vision.

## N. Eastern Show In November

**Boston, Nov. 15-16**—The NEREM Show this year had a new name—Northeast Electronics Research and Engineering Meeting. Exhibits and technical sessions were held at Mechanics Hall rather than a hotel.

Tektronix took part as usual and displayed Types 316, 536, and 575 as new instruments. Also shown were the 545 and 515A, as well as various pre-amplifiers and accessory instruments.

Attendance for the two-day show checked out at 4,180.

In attendance for Tektronix were Dick Phillips and Lee Heaton of our Boston (Newtonville) office, John West, Harry Mayo, and Jack Cassidy of our Bronxville office. Lee Spragg, Boston office secretary, spent Friday evening in the booth meeting customer people.

## 71 IBM SAGE MEN GET TALKS AT TOPSHAM

Dick Phillips and Lee Heaton, from our Boston Office were at the IBM installation at Topsham, Me., on October 30, 31 and November 1. Dick and Lee instructed seventy-one of the IBM engineers in operation and maintenance of Tektronix equipment. Their technical knowledge and instruction technique produced a very worthwhile program for the IBM people according to a letter received by our Eastern Division Manager, Jack Cassidy.

Quoting from the letter, "In our function of maintenance of digital computers for the Air Force and Air Defense SAGE program, it is necessary to operate on a three shift basis and your representatives were extremely cooperative in adjusting their schedule to give our personnel maximum benefit from their training lectures."

The letter carried the signature of George F. Fairhurst, Manager of Field Engineering, Bangor ADS.

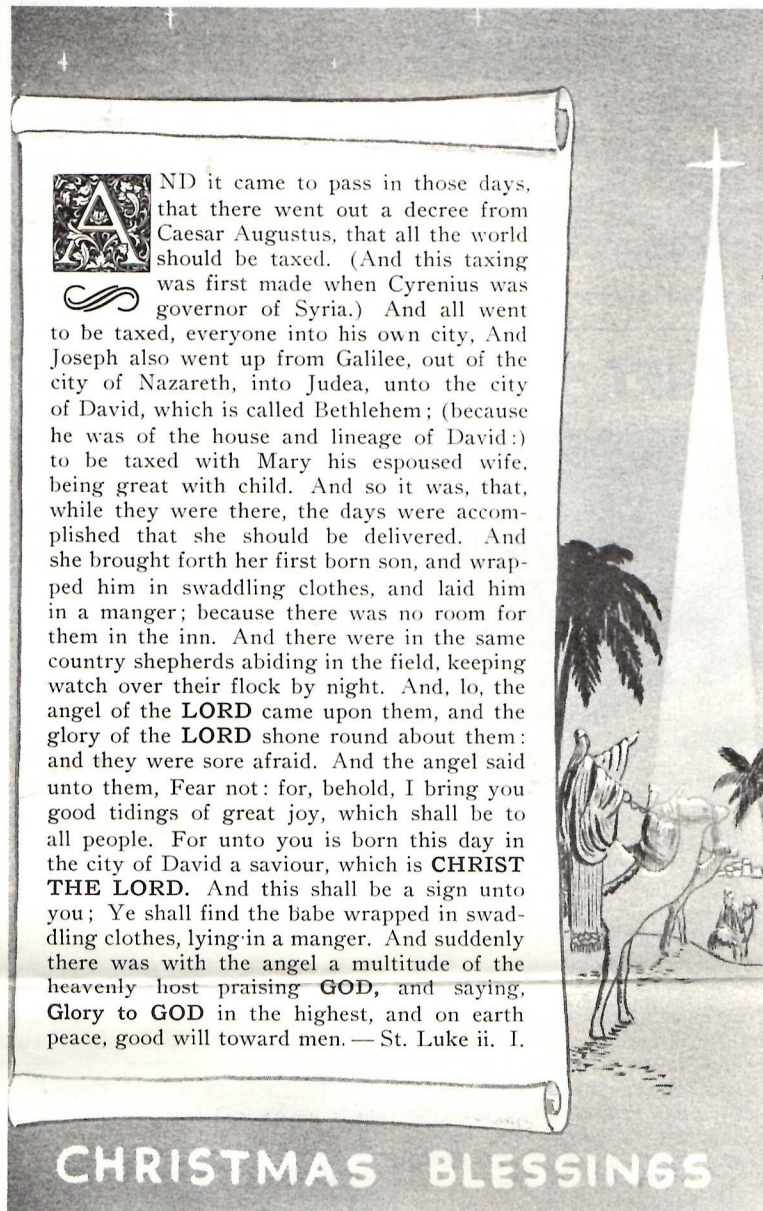
Jack Cassidy's acknowledgement of the letter stated that this would seem to indicate we are perhaps making some real progress in the approach to field educational problems.

## Chicago Crew Attends Lectures

Goodman Memorial Theater in Chicago was utilized as an auditorium for a series of lectures on transistors beginning September 30th and continuing through November. The series was initiated to aid the growth of a proposed professional group on solid state devices by the Chicago Section of the IRE.

The Chicago Office of Tektronix was well represented at the lectures by Russ Fillinger, Oz Svehaug, Earl Williams, Bob Seaberg and George Edens.

Titles of some of the lectures indicate the scope of the series. "The Physics of Transistors", "Properties of Junction Transistors", "Theory of Transistor Circuits", "Audio Circuit Applications", "Power Transistor Applications", "Pulse Circuit Applications", "High Frequency Operation of Transistors", and "VHF Applications. Lecturers included men from Hallicrafters, Philco, RCA and the Hoffmann Semiconductor Corporation.



AND it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed. (And this taxing was first made when Cyrenius was governor of Syria.) And all went to be taxed, everyone into his own city, And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem; (because he was of the house and lineage of David:) to be taxed with Mary his espoused wife, being great with child. And so it was, that, while they were there, the days were accomplished that she should be delivered. And she brought forth her first born son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn. And there were in the same country shepherds abiding in the field, keeping watch over their flock by night. And, lo, the angel of the LORD came upon them, and the glory of the LORD shone round about them: and they were sore afraid. And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a saviour, which is **CHRIST THE LORD**. And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger. And suddenly there was with the angel a multitude of the heavenly host praising **GOD**, and saying, **Glory to GOD in the highest, and on earth peace, good will toward men.** — St. Luke ii. 1.

CHRISTMAS BLESSINGS

## THE MOMENT OF TRUTH



"THE HUCKSTER"—During the Toronto IRE show this picture of Jack Cassidy was taken by Canadian Electronics Engineering. It is a typical pose of our Mr. Tektronix, the field engineer.

## Tuberculin Tests Read On Dec. 5



Dr. Ambrose Churchill, Director of the Tuberculosis control section of the Oregon State Board of Health checks the arm of Egon Elssner (Tube Design) as Dr. Charles Newberry, Washington County Health Officer looks on. 932 readings were made on the 968 skin tests given. 239 were read as positive reactors, this group took the Chest X-ray as well. It has been explained that a positive reaction does not necessarily indicate active or recent infection. It is considered wise to check out the history and extent of such infection, if it is not known, and confirm the reaction by X-ray.



Jim Morris, X-ray Technician with the Washington County X-ray unit that was in operation near the Boiler Room 'makes ready' for a take, while you 'hold your breath, don't move— and that's all'.

## Tek Foundation Matches Gifts

A dollar for dollar matching of a Tek's gift to his favorite college will be carried out by Tek Foundation. This means that if you wish to help an educational institution with a gift, you can double the amount to be given.

Direct support of colleges and many scientific and educational projects is a large part of the philosophy of Tektronix Foundation. Our Foundation started this gift matching plan in January, 1955, becoming one of the pioneers in such a program.

Tektronix employees are encouraged to double the effectiveness of their support of colleges. It is not necessary that you have graduated or even attended the college you wish to help. Your gift will be doubled.

To have your contribution doubled, prepare your check and envelope for mailing. Deliver them to Bill Webber, Foundation Secretary, or Don Ellis, Foundation Treasurer. They will add a Tektronix Foundation check with explanation and mail both.

**For Your Job Well Done In  
1957— HAPPY NEW YEAR!**



# Tek Talk

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

## THE PRICELESS GIFT



The First Methodist Church in Beaverton was the scene again, November 1st, of the Tektronix Blood Bank Donations. We gave to the extent of 133 pints in the face of expected 'Asian Flu' with an additional 21 donors deferred because of current health conditions.

Group representatives, headed by John Hart in Finals, circulated lists for donors. Don Pratt, Blood Drive Chairman, was ill and could not be present at the drawing but had posted publicity and arranged for his assistants to take care of registering the Teks donating blood. Elaine Kinsman and Lorraine Loggins from Kit Prep and Arlene Willcuts, took care of the registry.

A close friend of Don Pratt, our Blood Drive chairman, was recently hospitalized and needed blood quite badly. Don arranged for the necessary 'credit' to be granted from the Tektronix Blood Bank. The patient had need for twelve pints of the life saving fluid and everyone that gave blood in our drives this year can chalk up, if they wish, another case where their generosity has been a real help when a person needed a 'blood' brother.

As the man's wife said, "I can't tell you how much I appreciate it. He has had twelve pints that I know of, so it certainly is a big help. I hope Don will extend my thanks at Tektronix." Sincerely,  
Wilma Reiter

Don has also received for the Tektronix Blood Bank, the thanks of Mr. and Mrs. Harold Messenger because of the assistance offered to them during the recent heart surgery on their daughter, Pamela.

The Messenger's live in Seattle and were especially grateful to know that an organization as far away as Tektronix in Portland would respond to their plea for blood. "We would like you to know that we had exhausted all requests to local organizations and yours was the only one to 'come through'."

The local Blood Center often calls Don Pratt for assistance when the local supply is low and they have received emergency requests. Don usually tries to get someone on the donor's list to supply the needed blood so that the 'credit' established for the Tektronix family is kept at a high level.

The little girl mentioned here was operated on at the Mayo Clinic for a serious heart ailment and required more than 10 pints of the rare 'O negative' type. Through the aid of the Tek Blood Bank it was possible for the blood to be replaced. Further operations of this type would require a continuing supply of this life saving fluid. Only through the support of Blood Bank activities can such assistance be made possible.

The family are personal friends of Scott Foster Jr. of our Purchasing Department.

## AFTER GLOW FROM EARLIER SWEEPS

December

**One Year Ago**— Howard Vollum was elected President of the Oregon Museum of Science and Industry. One of most important acts will be the actual beginning of construction of the new Science Center at the recently acquired Portland Zoo site.

**Three Years Ago**— I.R.E. (Institute of Radio Engineers) nominated Howard Vollum as a Fellow for his contribution to the development and manufacture of electronic instruments. Howard is the third member to be selected from this area.

The motor burned out in the air conditioning system which caused a bad odor throughout the plant.

**Five Years Ago**— Tektronix Federal Credit Union completes its healthy first year of operation.

The 524 and 315 went into production.

The Cable Department consists of 10 girls.

Tektronix has 9 overseas representatives.

## KEN COUNTS TEN

By Jack Day



KEN WALLING

Ken Walling, friendly and jovial head of the Tektronix Printing Department, completes his tenth year with us this month. Practically everyone here knows him by sight if not by name, because the changes to the employee handbook are accompanied by an instruction sheet bearing his likeness.

Ken was born near Saskatoon, Saskatchewan in 1922. When he was about seven, his parents settled in College Springs, Iowa. Prior to enlisting in the Coast Guard in late 1943, he taught in the Army Signal Corps Radio School at Athens, Georgia where one of his students was Cy Woodworth of the Test Department. After spending some time in Alameda, California for boot camp, Ken came to Portland via Seattle (naturally). His assignment here was in the Captain-of-the-Port's Office working for a young fellow by the name of Jack Mordock (Its rumored that it was during this time that Jack developed his interest in human relations and motivation).

Shortly after his arrival in Portland, his fiancée, whom he had met in Iowa in 1943, came here also, and Ken and Romaine were married in April of 1944.

Two months after he started at Tektronix he enrolled at Lewis & Clark and in spite of the fact that he worked a goodly portion of his time here, Ken managed to graduate in August of 1951, just three and

a half years after he started. His charming wife Romaine, his two lovely daughters Susan, 6 and Barbara, 3 and an elderly pomeranian friend, Belinda, inhabit the attractive home across the field on the hillside above Tektronix.

Ken actually didn't intend to become a printer, having majored in Business Administration at L. & C. He had worked for awhile for Milt Bave in the Shop after starting here, and then moved into the purchasing office to help Lowell Hadley. However, one day in the Spring of 1951, Bob Davis brought in a small card press to store in the office. Ken got to fiddling around with it, making sympathy cards, invitations, etc. and probably the first Tektronix item which he printed—a small inventory card to fasten to the parts boxes in Bill Lee's newly organized stockroom.

From that time on, there was no holding him, and the department has grown until it now handles a voluminous amount of printed materials. They have several beautiful presses and other pieces of equipment, each one of which has been purchased after exhaustive studies showed that the load of work which they had could be more efficiently and economically handled with a new or different piece of equipment. In a very real and literal sense, it can be said that the Print Shop, as it exist today, is largely due to the vision, effort and energy of Ken.

In addition to his work at Tektronix, Ken is very active in community and civic affairs. He is a member of the Barnes School Board which includes the Tualitan View, West Tualitan View, Cedar Hills and Barnes schools. He is also a charter member of the Cedar Hill's Lion's Club and the Public Affairs Forum of Washington County and a member of the City Club of Portland. At Tektronix he belongs to the Tek Flying Club and The Fortune Investment Club. All in all, a well rounded man, and one we can feel proud to know.

## HELEN IS AN ANGEL How About You?

Helen Solem, one of our Ceramics group, wrote a letter to the Oregon Journal which brought new volunteers to the bureau interested in helping wherever their assistance or talents can be utilized to the best advantage. We are reprinting Helen's letter here—as an example of what community minded Tek people do in their spare time. It may inspire someone else to share the enjoyment that Helen has found in helping others.

She goes each Sunday evening to volunteer as a "Toy Teacher" under the hospital volunteer program.

THE PEOPLE SPEAK—Editorial Page of Sunday Journal Nov. 17, 1957

## "Cure for Blues"

To the Editor: If anyone is ever tempted to sit down and feel sorry for himself, I'd like to suggest a sure-fire cure—some volunteer work at the Veterans or Doernbecher hospital, with the blind or at the county home.

The things that money can buy are well supplied by the United Fund and though interested individuals. The toys in the play room at Doerenbecher hospital are perfectly lovely—probably better than most of those little kids have ever seen before. But someone to tie their shoe laces, to remember them when they are to ill to make it to the play room, or maybe just to give but a nickel's worth of affection—those are the things really needed.

If anyone should like to participate in some of these things he can call the Central Volunteer bureau, CA 8-6451. The bureau is affiliated with the Community Council. "Be an Angel—give them a call." And don't think it's just a woman's world. For instance, little kids happen to need fathers, too!

Mrs. Helen Solem

## WE GET LETTERS

Tektronix, Inc. Attention: Ed Kellogg, is the way many of our customers address letters which are far more than an order or acknowledgement of a shipment received.

The follow through necessary to serve our customers when they find a need for special assistance or 'beyond the call of duty' action on an order extends quite a ways back into our Engineering and Instrument Manufacturing facilities and certainly involves the special attention of the Marketing Division and the final effort of its Shipping Department.

It calls for the cooperation of everyone who handles the customer's purchase order and all who act upon it in getting the instruments ready for shipment. For this reason Ed feels that sharing the customer's appreciation for a job well done should be done in such a way that the thanks are not given a 'read and file' treatment without wide circulation.

## TO MENTION A FEW

**Lockheed, Marietta**—a little time out to express our appreciation for the manner in which you folks went to bat for us on this order. You may be interested to know that Lockheed is taking these 'Scopes with them to Alaska, leaving tomorrow. They have scheduled a number of flight tests in that area of the C-130 Hercules.

—Bivins & Caldwell

**Convair**—Thanks for the fine improvement in shipment, and for the fine cooperation in promptly informing me on October 2.

**Perkin-Elmer Corp.**—Our order entered on a rush basis on Sept. 20 was received in total here on Sept. 23. May I thank you for the extraordinary effort in getting the material to us.

**TWX Baltimore**—Had a call from Martins at Fort Mead—They got that batch of 535 S4 late Friday night. Had only to replace two little tubes... Signed Jean.

It isn't possible to post all letters such as these, for one thing there are too many of them, for another—the contents may not always be intended for public reading.

As this year of 1957 closes, Ed recalls many instances where the quick response and close cooperation of many departments have garnered pleasant thanks from our customers. So, for the record, thanks to you.

## Happy New Year

From your last year select the love  
And kindly, friendly deeds;  
Throw out the disappointments  
And the burrs and tangleweeds  
And only keep the best that grew,  
For next year's seeds.

—Anon

## Tektronix First Noted By Plaque



Left to right: Dick Cassatt (artist and associate of Hugh Dwight), Chuck Gasser, John W. Otterson and Hugh Dwight.

Tektronix, Inc., was presented with a plaque this month for its outstanding advertisements in Electronics a McGraw-Hill magazine. As we reported in the October issue of Tek Talk, Tektronix's advertisements won 12 successive Readex Honor awards.

Readex, a reader measurement service, said that this record of 12 successive monthly awards is unequalled by any other series of advertisements that have been surveyed by the Readex method.

The plaques were presented to Howard Vollum, President of Tektronix, and Charles Gasser, advertising department head at Tektronix, and to Hugh Dwight by John W. Otterson, division manager of McGraw-Hill Publishing Co., San Francisco.



Howard Vollum accepts plaque for Tektronix from John W. Otterson of McGraw-Hill. The plaque has been placed in the front lobby of the Main plant where it can be viewed.



# A Pleasant Place To Shop Liechtenstein

A project so worthwhile that it has received the attention and support of the Tektronix Foundation, is being conducted by the non-profit corporation known as the Senior Craftsmen of Oregon. The group was formed with the express intention of doing something in the field of gerontology to make life more pleasant and worth living for the senior citizens of our State.

Some five years ago eight people at a luncheon decided to see if they could do something to enable older people to remain as useful and valuable members of the community. Mrs. Clifford Zollinger was the only one of the group not employed and with no remuneration for her efforts has publicized the activity through many groups and conferences interested in their accomplishments.

Starting with a lot of courage, no money and a bean-bag doll, the group under the guidance of a voluntary 'jury' has produced craft-work for sale through their outlet at 1128 S.W. Alder St. in Portland. They now have a total of over 200 members, all over 50 yrs. of age. The skills of these veteran craftsmen and women are utilized to provide them with additional income while at the same time they are finding a new purpose, a new vocation to occupy their thoughts and busy their hands.

When a person visits the shop they can readily see that the 'jury' has been professionally critical of the products offered for sale. The shop should be included in your shopping itinerary and, when you find it to your liking, a kind word to a friend will go a long way toward making the senior craftsmen of Oregon still more successful and worthwhile to people who prefer to grow old rather than just getting old.

Just a block and a half west of Olds & King on Alder, the little shop draws the interest of many passers-by.



Cartoons in Cloth—One of the many special projects that has made living worthwhile for the 'young in heart' that refuse to get old but prefer to grow older instead.

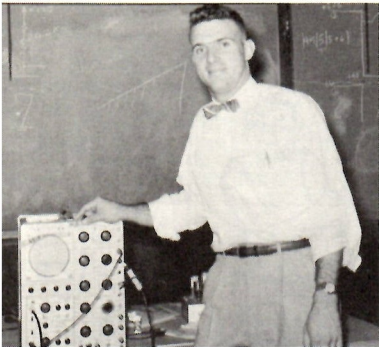


Mrs. Clifford Zollinger, one of the founders of Senior Craftsmen of Oregon Inc., displays the 'bean bag doll' which was the first item produced by Senior Craftsmen.



Against a background of shelves covered with craftsmanship products a few of the Senior Craftsmen posed for Tek Talk's camera. The shop is teeming with many articles that will fill the bill for that 'special gift' on someone's Christmas list.

## Scope Usage Class Popular



Frank Thomas

As a result of an interest poll conducted by the Supervisor's Committee among supervisors, a scope usage course was developed to satisfy the need for a better understanding of the oscilloscope by Tekes who are responsible for elements of its manufacture.

In addition to this basic desire of individuals to know more about their product, the course was designed to equip those who attended with a background for answering intelligently the questions of visitors or members of their working group. Frank Thomas, of our Field Information Department, who outlined and instructed the course stated that the objectives of the sessions were not those of an electronics course or technical seminar but rather a basic question-answering discussion.

The outline of the course covered these topics: 1. What is an Oscilloscope? 2. Basic Theory of Opera-

tion 3. Who Makes the Tektronix Scope (A department by department description of the various elements and how they contribute to the final product) 4. How Does Industry Use our Product 5. Our Customer Relations (What the Field Engineer does for Tektronix).

The following Tekes who took the course were divided into two groups with each group taking three, two-hour sessions separately. A final session devoted to a Summary of the course brought both groups together for a three hour period on Thanksgiving eve.

Attending were: Marshall Jackson, Ruby Miller, Dave Spinks, James Kurilo, Leonard Mason, Harold Edmundson, Wally Blackburn, Bill Wilbanks, Bill Hardin, Stan Saety, Ernie Annas, Wendell Ferland, Mike Brand, Norm Olson, Alan Hayes, George Scott, Art Peterson, Verna Dobson, Joe Almond, Dick Taylor, Ray McGinley, Bob Kaufman, Bill Love, Dick McMillan, Melvel Dixon, Harvey Hanson, Domie Zoucha, Bob Johnson, Chet Schink, Charles Jay, Gerd Schwerin and Dick Montag.

Most generally the newer type 530- or 540-Series design were discussed with the 535 used as a standard reference in talking about scope operation. The course was considered very beneficial from an individual standpoint as well as being very worthwhile as a training device. More sessions of this kind are promised for other groups at Tektronix and will be announced later



## WHO KNOWS? EXPORT GROUP GROWS

Most of us here at Tektronix think of our instruments and wonder how they are used by industry in the United States. Many of us do not realize that other countries throughout the world are now involved in Engineering research and technical manufacturing which rivals and in many cases surpasses the United States. Most countries have made amazing progress in all technological fields since the war years. To those of us at Tektronix, a measure of this progress has been the more recent increase in worldwide recognition of our instruments. We now have some form of marketing contract with nearly every country outside of the United States.

The not-too-well-known department of Marketing Division which concerns itself with the many small problems of this increasing international business has been growing by leaps and bounds lately. The Export Department now has nine people, in addition to the guiding influence of Dal and Byron, helping to give our international customers the same Tektronix service our domestic customers enjoy. Al Hann-Mann, Ada May Wilson, Bill Ewers, Orpha Enmark and Tony Giesbers, together with newer arrivals—Charmalee Henning, Ruth Haugsten, Dale Torbert and Frank Thomas, work in co-operation with our overseas distributors to take care of orders which now amount to a significant percentage of our total sales.

## OUT OF STOCK



Have You Met Ray Crino?

Number four in our "Have You Met" series is the stock department's assistant supervisor and the guy who is most likely to talk to you if you call the stockroom, or for that matter, pay us a visit.

He answers your questions and accepts requisitions for materials and parts.

Ray and his family live in the SE area of Portland. If you were to ask what his hobbies and outside interests were, the answer could be bound up in two words, his home. Ray likes to work in his garden, cook and do general repairs around the house. He is the owner of a Shop Smith bench saw and uses it with great effect. It's been said his pastry is out of this world. We won't say who said it but you can take Ray's word for it, it's been said.

His overseas hitch was unusual to say the least; he spent it with the U.S. military mission in Turkey. His experiences as he relates them make very interesting listening.

Ray and his wife, Nadine, met while in High School and are the proud parents of two fine girls, Alice Marie and Sharon Rae.

Being an ex-OSC student, Ray is quite an enthusiastic supporter of the Beavers, but if you really want to win his admiration, walk into the stockroom office any Monday morning and ask if anybody saw the Steve Allen Show last night.

Velma Caldwell makes wonderful apple pie, especially when she leaves out cinnamon.

## FRED FEELS FINGER OF FATE



Fred J. Hart

Fred J. Hart began his career with Tektronix on Oct. 11, 1951, and ended it on Nov. 30, 1957. On that day he became General Manager of Morrow Radio, in Salem, Oregon. Between these points of time lays the history of a period of progress of a purposeful man.

The story begins in the fall of '51, when an unabashed, uninhibited and unpolished young man walked in the Tektronix door and announced that he would like to test oscilloscopes. He agreed that he didn't know anything about oscilloscopes, but if it could be learned, he could learn it. This was a time of skinny harvest for hiring test people (and obviously low sales resistance) so Fred was hired.

Nobody paid much attention to Fred during his first weeks in the test department. Not long after he began, however, he made himself noticed by his work and in a few months his rate of production was up with the experts. At first, as he kept turning out scopes at an ever-increasing rate, there were vague murmurs about careless testing and slipshod work—nobody could test scopes that fast and do a good job. This was before the days of QC, and when the word drifted around to Fred, he suggested that they pull all the scopes in cycling with his initials, and see what they could find wrong. So they did. Other than normal drift and tube failures, they didn't find anything wrong. They had to accept the fact that Test had a new champ.

After about 8 months, during which Fred racked up a production record in Test, he stopped in Dal's office and presented himself as a candidate for field engineering. After a period of discussion, Dal told him "I don't know anything about you, other than what you've told me but I certainly like your approach. you come in and talk to me again next week".

When Fred came in to the front office for evaluation and brain-washing before being assigned to the field, Sandy Sanford and Will Marsh were holding the field communications operation. Besides gathering information for the few (at that time) field offices, there was a great deal of correspondence with individual customers involving technical problems, shipment quotations and repair service. Fred was instructed to buy a white shirt and a necktie and sit himself down at a desk directly in front of Sandy's baleful eye. After the first day Sandy and Will conjectured on the hopelessness of the situation. "Dal must have slipped a cog." "Maybe he has Fred confused with someone else." The decision was made to put Fred through a Baptism of Ire: if he made it—good. If he didn't—back to the job he could do well.

The ensuing days were rough on the lad. Sandy harrassed him because his letters were too short—not enough detail. Will pointed out that he should be brief—people don't want to take time to read long, detailed letters. Fred didn't break under the strain, but he did bend to the point of announcing "Be-Beastly-to-Sandy week".

In short order our redoubtable hero began to prove useful as well as entertaining. Often he would knock off routine early in the day

AS  
TOLD  
BY  
WILL MARSH



and go visiting. After a few minutes of Fred's introductory patter, people would open up and tell him all about their job, their problems, anxieties, complexes and even their secret recipes. What a unique process of education!

About mid-April in 1953 Dal awarded him the Junior Apprentice Field Engineer Citation with Olive Clusters, showed him how to fill out his expense account (This was a mistake), and aimed him at Baltimore. Baltimore shuddered and shook under the impact, and has never been quite the same—ask Jean O'Brien of Tektronix Baltimore.

It took five minutes for Fred and Ed Bauder to agree they liked each other,—and ten minutes more to agree on scopes, music, friends (both sexes) and fun.

After being promoted to Field Engineer, Fancy First, with crossed olive picks, our intrepid extrovert was fingered for opening Tektronix Cleveland at the first of 1955. Here he lost no time in founding the new operation, soon building a greater respect for Tektronix in this area.

The next hot spot appeared to be Dayton, with Wright-Patterson AFB finding new and greater requirements for oscilloscopes. Who could fill this difficult assignment? Who could negotiate with the military without frantic frenzied frustration? Dal didn't ask the questions; he knew: None other than famous Fred. What he began so well in Dayton was continued by Gordon Allison and later, Dale Brous. The Air Force activities have many fine scopes, and still ask for more.

Toward the end of 1955 Ed Bauder (why does he keep turning in Fred's story?) started to gather the cream of the team for the new Western Division. Once again Fred packed up his Hi-Fi, ham gear, Norma and the four boys and headed the Buick toward the setting sun and Menlo Park.

For nearly two years he sweated and slaved in the hot, humid jungles around San Francisco, just for the fun of it—and the money.

Early in November came yet another call. He was wanted for a conference with the Administration Committee of our Retirement Trust. As many of us know, our Retirement Trust has an appreciable investment in Morrow Radio, of Salem, a manufacturer of amateur radio equipment with very promising potential. Early this year some of our people were asked to help Morrow Radio set up a more efficient operation so that plans could be made to fill more effectively the demands of the industry. In addition to this help, Ray Morrow, the owner and Chief Engineer, needed a man experienced and capable in the marketing field. This is not an easy job in a highly-competitive industry, and it can't be handled by an armchair operation.

When Fred was offered the assignment he had a difficult choice. He knew a successful career lay ahead with Tektronix; on the other hand, he isn't a guy to turn down a challenge.

We know his decision now, and we view it with mixed emotions. Fred brings to Morrow a background of interest and experience in ham radio, an appetite for hard work, and a much-envied capacity for making friends; this is good. On the debit side, he leaves a gaping hole in our field operation that will take time and hard work to close up. There is one thing we can be cheerful about; Fred is taking his expense account with him.



WIRE TERRIERS -- Bless 'em all!



Within minutes the workbenches of these people in the groups of Marshall Jackson and Jim Kurilo, were cleared and a festive feast spread the full length of the board. Complete with a freshly roasted bird, the lunch-time 'snack' was enjoyed with calories uncounted.

Turkey and ham, luscious sounding words and better yet when you are eating them. (the food we mean, not the words) That's what we had for Thanksgiving pot-luck. Our pot-lucks get better all the time and it was nice to see Thanksgiving was not lost in the Christmas shuffle.

Speaking of Christmas—a few inquiries came up with these Christmas wishes. Lou Mellinger wants something that sparkles. By the gleam in her eye we judge she isn't talking of the glitter you put on trees.

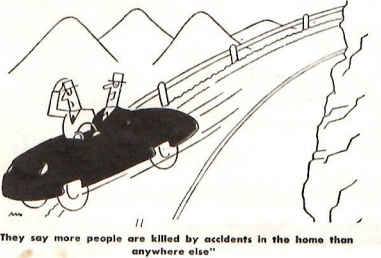
Doug Taylor would like a new broom for his wife Bert. There's a story behind this. Doug and John McAllister have purchased a cabin at Mt. Hood which they have been busy renovating. Because they are both adverse to unnecessary effort, they installed an elevator. Seems as someone left Bert's broom under the elevator shaft. End of broom—end of story.

Violet Estabrook would like to know if someone has an extra baby brother. Their little boy Dickie asked for one last year too late, so they promised him he could have one this year. The year has rolled around—Vi forgot, but Dickie hasn't. So he's expecting but Vi isn't. Anybody want her problem?

Betty Freeman Doesn't want a single thing for herself and that's a noble way to feel. But she just would like Santa to give her husband a dishwasher. And speaking of dishwashers—

Jim Kurilo would like one for his wife, because he just can't relax as well when she's doing the dishes. Vi Miller would like some mink lined ear-muffs. Could be she's hoping all irritating sounds will come through sounding soft and silky. And let's don't forget Lou Thomas' wish for something she can keep longer than a day—preferably Pierre.

And yours truly has a Christmas wish too. May He whose birthday we celebrate, Bless and keep you all.



CUSTOMER SERVICE

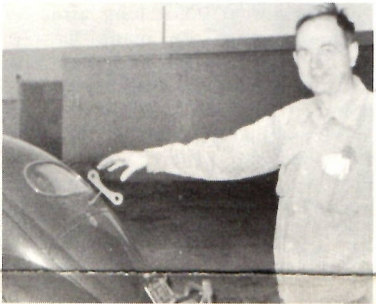


Jean Hanson  
Its nearly time to say goodbye said Jean one day so we gathered round and gave her gifts which the reason gave for lots of baby things were found.



Always a close supervisor, Jim K. checks the carving skill of Jean Jackman on ye olde bird.

Something For Jr.



Bob Herren posed for Tek Talk beside Jim Ewert's wind-up Volkswagen. Now we know how those small-car people get that fabulous gas mileage!

SCIMAREC

Leone Costa and Lois Grimes welcomed back to our department. Both have been on leave of absence.

Steve Hughes was at home for a week with the flu. A poor companion that seems to have spent some time with quite a few of our people. New group representative for Ceramics is Gladys Snell. Our monthly birthday celebration for Nov. honored Bennett Welsh.

KIT PREP



Left to right: Phil Mallery, Cleo Binkerd, Bernice Ireland, Phyllis Ankeny and Jan Singer (hidden).

The latest scoop—we have four new Kit Preppers, Phyllis Ankeney, Bernice Ireland, Jan (Stinnett) Singer from Unit Wiring and Cleo Binke from Cables. A hearty welcome to all of you. Kit Prep enjoyed a pot-luck lunch to celebrate our good fortune of acquiring four Kit Preppers at one time.

Irma Wolever visited us Thanksgiving week and introduced Edward Alan to us.

Joyce and Darrell Ness welcomed a new baby girl, Karen Kay, to their house for Thanksgiving.

Versa Dietz, Aloha Jernegan and Bernice Lucas are all helping in Kit Prep, so we can get our kits out on time for Santa.

RICE AND OLD SHOES

Janis Stinnett To Donald Singer 11-16-57  
Audrey Cooley To Leo S. Critchfield 11-9-57  
Arlene Swanson To Eugene Schmit 11-30-57

INFANTASY

Herbert and Marlyse Cathery	Son	10-29-57
Bob and Jane Fitzgerald	Son	11-14-57
Charles and Bev Furchner	Son	11-25-57
Verle and Evelyne Starkey	Daughter	11-14-57
Norman and Neva Harty	Son	11-15-57
Dave and Mary Easton	Daughter	11-17-57
Carroll and Vivian Wright	Daughter	11-25-57
Danny and Connie Rohrer	Daughter	11-23-57
Don and Marian Calnon	Son	11-21-57
Jean and Alvin Beunemann	Twin Sons	12-3-57
Dick and Marjorie Tollisen	Son	11-3-57
Shirlee and D. Daughtry	Son	10-31-57
John and Gail Fletcher	Son	8-6-57
Ron and Lucille Wold	Daughter	11-3-57
Sam and Martha McCutcheon	Daughter	10-5-57
Bob and Joy Duhrkoop	Daughter	11-12-57
Rocky and Frances Rockwell	Son	10-30-57
Paul and Wahnta Belles	Son	11-26-57
Ruth and Harley Rolph	Daughter	12-2-57

C R TEEZERS

A new pre-production development group has recently formed in CRT with Robert H. Johnson as Supervisor. Working with Bob are Anastasia (Ana) Haas, Emma Lantot, Bela Kirchberger and Orvie Olson.

Modifications to improve methods and design of parts as well as electron gun for a better cathode-ray tube is one of the aims and purposes of this new department.

Pre-production Group is responsible for putting into production the new types of CRT's developed by the Tube Development Group under John Liedtke's supervision.

Libby Getgen recently transferred to Advertising from CRT. We were sorry to see her leave but our loss is their gain—so bye Libby and good luck.

Helen Thome has transferred from phosphor and aluminizing to the electron gun room. We're glad she just changed rooms and we didn't lose her from CRT.

The people of CRT have found the true spirit of Christmas—that of giving willfully and generously to those less fortunate than themselves.

This year CRT has two adopted families to provide for at Christmas. One family has two adults and four children, the other, three adults and six children. A complete turkey dinner and toys for the children will be purchased with the sum of \$75 collected plus donations of much clothing and food staples.

The names of these needy families were provided for CRT by the Salvation Army of Portland.

All members of the CRT Department extend their deepest sympathy to Selma Bergman whose husband, Juri, died on Dec. 4th. Selma works in our Small Parts group.

REQUIREMENT

Christine Pasley, daughter of Mr. & Mrs. Harold Pasley (Ruth Pasley, Production Requirements) of Hillsboro, is the recipient of a \$400 college scholarship for her 4-H Club achievements specializing in farm and home safety. The award, by General Motors Corporation, is one of 8 awarded by that company to the outstanding 4-H'ers in the U.S. The announcement came from the National 4-H Club congress in Chicago, to which Christine won an all-expense paid trip, by General Motors, as Oregon State winner in safety.

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

Vivian Brown  
988 S. E. 14th  
Beaverton, Oregon

Form 3547 requested

NIGHT OWLS



Lalah Smock got 'taken-in' by the roving gendarme on Halloween nite as all of her group costumed to fool the goblins.

ACCOUNTING

The Accounting and IBM departments honored Nancy Taylor at a party Wednesday, November 27th. Cake and coffee were served and a gift was presented from the company. Nancy is terminating her three and one half years employment with Tektronix. We are all looking forward to receiving her baby announcement in March.

Who would think Accounting a hazardous occupation? We would, after having a small industrial accident occur last week. Ed Kreutzer suffered a hand injury while attempting to diagnose the check writing machine's ailments. He was treated immediately by our company doctor, Dr. Bernard, and at last report was feeling only minor discomfort.

New additions in our midst during the month of October were Boyd Lewis in IBM and Mary Moschel in Accounting. Both are transfers from the Stock department.

Bob Jellum is puzzling over two items written up on an asset inventory sheet received from Drafting. Listed were Items: five draftsmen and one group leader, Manufacturers: Parents, Serial Numbers: Cheer-i-o-o-o-o, Model Numbers: five single and one married, Size and Types: Misc. and Large.



Ed Hopper was really splitting wood at the Beaverton Bowl one Thursday evening in November—that is until the ball was given the 'hex' by some voodoo on the part of Don Ellis. Polishing the apple is evidently not the best thing for a 'hot' ball!

PHOEBE X SEZ:

