

# TEK TALK



VOL. I NO.10

AUGUST, 1952



By casual glance MILES TIPPERY, one of the two Tektronix Vice-presidents, would probably be summed up by an uninformed observer as a very informal unimportant individual. And if the question were put to Miles, he would probably agree. There are a few old timers who can remember, however, the days that Miles carried the burden of production, testing, instruction manuals and other important little jobs about Tektronix. That seems a long time ago-----at least many instruments ago.

Our story really begins shortly after the Civil War. Miles' grandparents came to the State of Washington and homesteaded in the Silver Lake Area. Miles, the oldest of six children, probably had half the mountains of that area charted chasing the cows from his parents' dairy farm. Early in life he began drinking the waters from those snow capped peaks which now seem to be a very part of his life. An early interest in radio was shown when he was but 14 years old. School expenses were paid for by money derived from repairing radios of his neighbors. As the records have it he graduated from Silver Lake High School in 1934 as valedictorian. His first business adventure was

Cont'd on p.6, col.1

## EXPANSION PLAN TOLD

HOWARD VOLLUM, in a recent speech to the Tektronix employees expressed confidence that Tektronix can do as well in the future as in the past. He said there is nothing to stop us from taking a larger part of the market and that this depends on our ability to produce quality products at the right price.

New instruments coming up which will expand the field include the 315, 524, 160 and the 180. The 315 is a smaller and more portable scope used in field maintenance. The 524 has been especially designed for television transmitter maintenance. The 160 series is a line of electronic equipment used with oscilloscopes in the medical field, while the 180-Time Mark Generator is used to calibrate oscilloscopes. These new instruments will stabilize our production.



In explaining a chart showing total shipments by month, Howard said it is easy to pick out all bonus periods and that if this line could be leveled, it would ease the load of many

Cont'd on p.6, col.2





VOL. 1 NO. 10

AUGUST, 1952

EDITOR Blanche Cook

## CONTRIBUTING REPORTERS

Vern Bartlett	Dick Montag
Bob Gest	Bill Muessig
Earl Grove	Jack Neff
Phil Mallery	Ida May Norby
Will Marsh	Scotty Pyle
	Dick Schmidt

Ed Egan, Photographer

## ELLEN'S HOBBY - BUILDING TRAINS

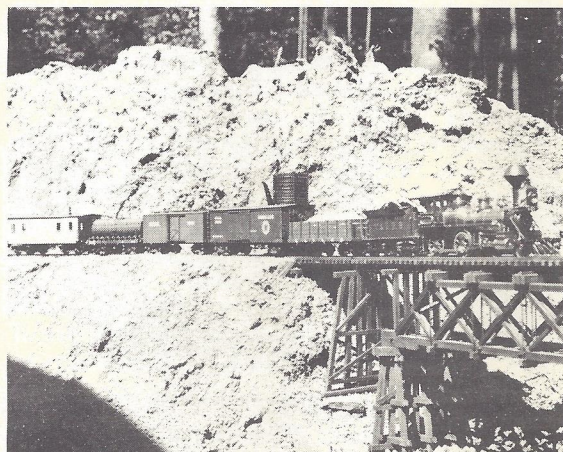


Mrs. George Burton, better known to Tektronix people as ELLEN BURTON, has been with Tektronix since September 19, 1951 and is one of the members of the all important Stockroom staff. Ellen, being the only girl in the Stockroom, is the victim of many jokes and pranks, but she said she loves it. Before joining our staff she attended Pacific University in Forest Grove where she has a Junior standing.

Ellen said that the hobbies she is interested in are not just hers but are communal family affairs in which her five year old son, Brian, and husband, George, participate. These hobbies are collecting antiques, interior decorating (with special inclination toward the Early

American influence), and building furniture of which all can be seen in the nice home which they have built themselves. The hobby that claims most of their time is an active interest in model railroading. Both Ellen and her husband are members of Portland Society of Model Railroads. Their pride and joy is 1/4 inch to the foot scale model of the engine Reno, from the historical Virginia and Truckee Railway. Assorted pieces, combination baggage and passenger cars, tank cars and ore cars complete this colorful model train.

Their current project is the construction of a 1 1/2 inch to the foot scale model of a Union Pacific 1500 class diesel. It is powered



by a gasoline driven motor generator driving traction motors. It will weigh approximately 500 pounds and will be able to tow two tons. It will be equipped with automatic couplers, air brakes, and electric controls.

\* \* \*

CLIFF MOULTON and BOB POULIN, Engineering, have each announced their engagement.

\* \* \*

GLORIA POOLE and DICK MONTAG were married July 5 at the Sellwood Baptist Church. Gloria works in the 517 Department and Dick is in the 514 Department.

TIM KIRTLEY, Transformer, and Helen Caulson were married July 19 at the Woodstock Methodist Church. CARL HELMER, Transformer, was the best man and ED STOWE, Shop, was an usher.

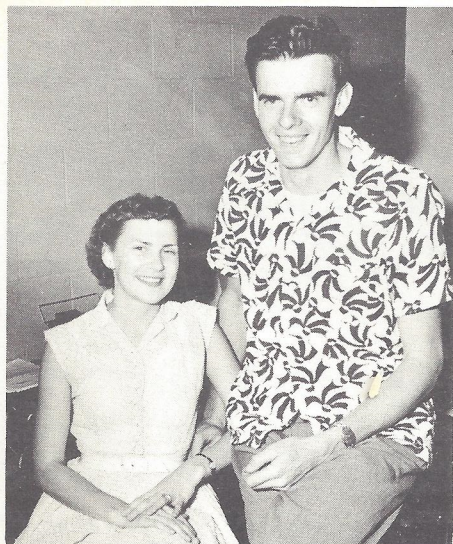
The marriage vows of JACK NEFF and NEVA SATTERLEE were exchanged at a ceremony on Sunday, July 20, at 3 p.m. in the Forest Grove Baptist Church. Jack is in the Transformer Department, and Neva is night receptionist.



## TEKTRONIX TWOSOMES

JOHN and GENEVA KOBBE are one of Tektronix newest twosomes. John started in Assembly last November while Geneva has been assisting CHUCK GASSER in the Advertising Department since April.

It seems John has had his hands in electronics so much of the time and is getting such a charge out of it that someone decided he should spark a few ideas in the development of our instruments. John was transferred from Assembly to Test in December and to Engineering in June.



John started experimenting with electricity at a tender age using power supplied by his father's water wheel driven generator. When John shorted wires together, instead of blowing fuses, the water wheel slowed to a stop. Many valued bits of wisdom were learned from these experiments such as "water is wet".

After joining the Navy in 1946, John attended Radio Material school at Treasure Island to learn electronics. From school he was assigned to the aircraft carrier Leyte where he learned that sea-water was also wet. John's next assignment was maintenance of Ground Control Approach units at Olathe Naval Air station near Kansas City where he spent the balance of his Navy career.

John and Geneva met in a skating rink in Kansas City, liked rolling around with each other, so decided to make it a life time affair on August 27, 1950.

After completing school at Clifton Hill, Missouri, Geneva started her business career in Kansas City. She enjoys most outdoor sports, especially swimming and horseback riding. Her eyes sparkled at the mention of swimming,

and she recalled an incident when John went swimming to pick water lilies for her---a la clothes.



In 1943 HELENE CANNON met WALT SCHMITT in an air craft factory in Dallas, Texas. Walt was in the Army Air Force and Helene had come to Texas from Oklahoma to work during her summer vacation.

In 1946 Walt was sent to Europe and upon discharge from the service, came home and married Helene on May 12. Then he returned to Europe--this time for the War Department--leaving his bride behind. Six months later, Helene joined Walt in France.

Helene could not understand or speak French. One day while she was riding on the subway, she wanted to appear as a native French woman so she bought a paper from a boy and sat looking at it for quite some time. Everyone stared at her while she was looking at the newspaper---upside down.

Walt and Helene also went to Germany and Switzerland. Helene says that the Alps are beautiful and she wouldn't mind being there during the summer.

When they came back to the States, Walt majored in Physics at the U. of Portland. He worked his vacations at Tektronix for the past three summers. In June, 1952, he became a full time Tektronix employee and now works in the Testing Department.

Helene has worked in the front office since last summer, as switchboard operator, and her voice can often be heard over the squawk box.

Helene's main hobby is ceramics and Walt's is electronics. He is building a Williamson Amplifier now. Together they go golfing, swimming, and roller skating.



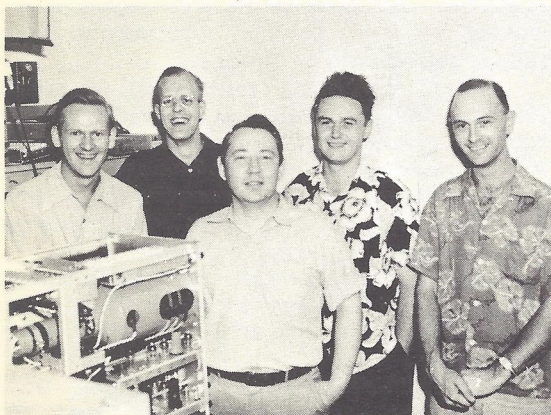
## TEST DEPARTMENT

Now to shed a little light into that darkroom where dwell the cavemen of Tektronix, the test boys.

Testing and trouble shooting is only half of the job done in Test, but is the most familiar function. The other half is seen only by the customer; that is the job of calibrating and adjusting the high accuracy circuits of our instruments, and keeping a watchdog eye on over-all quality. On the 511-A, our simplest scope, there are 48 calibrating adjustments to be made.

The proudest accomplishment of the test men, though, was their famous five-cent Christmas tree with thousand-dollar lighting system, which employed neon bulbs, a 512, and a 105.

Another important function of Test is handled on day shift by amiable ROD KENNEDY, who is the last man to see the shining interior of Tektronix instruments as he makes a final visual inspection and installs the gray-wrinkle cabinets. Rod is a native Oregonian, a graduate of St. Helens High and of Multnomah College's radio and television school. Overseas duty as an army radar technician led to stateside family life and hobbies of electronics and woodcarving. Rod's wife, Shirley, is busy at home taking care of Stanley, age 9; Ronald, 8; Steven, 4; Donna, 2; Carolee, 1; and Rod.



L to R: W. Holt, E. Froeschle, R. Kennedy, K. Keyser, and D. Clifford

"Smiling ED" FROESCHLE, our happy bachelor, (..girls!) tests small instruments and expounds weekend vacations at Hoodoo ski bowl. Ed would be a native Portlander if he didn't spend so much time away with his hobbies of hiking, climbing, skiing, and swimming. A "ham" for 10 years, W7JGC, Ed is also a grad of Lewis and Clark in math and physics,

and worked for BPA on radio equipment before coming to Tektronix last December.

New home-owner and 511-A tester DON CLIFFORD shares Tektronix couple honors with AGNES CLIFFORD in the Transformer Dept. Don came to Tektronix one year ago after graduating from Multnomah's radio and television school. A native Portlander and Benson High grad, he spent his Navy time leisurely yachting around the South Pacific in a P.T. boat. Then came work for a neon sign factory, an electro-plating company, and Dictaphone Corporation. Don and Agnes share hobbies of picnics, home movies, and a record collection.



L to R: H. Stewart, C. Duhrkoop, L. Mathis, W. DeVaul, and G. Eveltizer

Handy-man KEN KEYSER tinkers the bugs out of 512's and spends his spare time at photography and home electronics. At Tektronix since January, Ken has put time in the Navy as Chief E.T. on a cargo ship, and also at WISCO and at the telephone company. A native Portlander and Benson High grad, he also taught school in the Navy during the post-war years. Ken says his favorite hobbies are "...anything that will save money around the house." Also "helping around the house" is Ken's wife, Betty, and "little helpers" Caroline, 4, and Steven, 2.

An "old-timer" at Tektronix (14 months) is LARRY MATHIS, who spent a stretch in the Shop before testing 512's and 514's. Hailing from The Dalles, Larry has acquired a vast experience at almost everything from serving Army time to teaching at Multnomah College. Spare-time activities are fishing, photography, and collie raising, which are shared with Larry's wife, Rose, and offsprings Joe, Helen Rose, and Bruce, ages 14, 7, and 5.

HARRY STEWART holds down the swing



shift end of "quality-control" a new section of the Test Department expanded from the cycling section. Harry is a Navy veteran of three years, and a graduate of The American Television Institute in Chicago, possessing a TV engineer's degree. (When's it coming, Harry)? After teaching at ATI, Harry came back to Oregon to teach at Multnomah College before coming to Tektronix eleven months ago. Harry's hobbies are "hamming" (his call is W7LHO), and color photography, the latter, of course, being shared with his wife, Lorraine.

"Cabinetizing" on the swing shift is in the experienced hands of CARL-REID DUHRKOOP. Carl is a native Portlander, a graduate of Lincoln High, Cascade College, and Western Evangelical Seminary. He was a master sergeant in the Army Engineers after two years as a civilian employee in the Engineers. Carl has been a pastor for two years and plans on becoming a missionary in Formosa, with the help of his wife, Agnes, and of course Carla Mae, 4, Richard, 2 1/2, and Carl Jon, 11 months. Brother BOB DUHRKOOP is also with Tektronix, in the Purchasing Department.

WALTER HOLT, who tests 514's on the swing shift, is one of our few "local residents", commuting all the way from Cedar Hills. A native of these here hills, Walt graduated from Lincoln High, then went to Stanford, and from there into the Navy. After a time at Stanford again, it was back into the Navy for Walt, and then to Tektronix. Favorite hobbies are electronics and skiing at Mt. Hood. Walt claims he is an in-eligible bachelor.

In among the Williamson amplifiers and the speakers we find audio-bug GEORGE EVELSIZER, who spends his spare time checking 511's at Tektronix. George insists he is not like most sound-equipment fans, though, and does not get carried completely away; he even has time for astronomy, swimming, cabinetwork, and his family. George's wife, Evelyn, probably rates those activities in different order, heading the list, of course, with daughter Barbara, age 19 months.

WAYNE DeVAUL is the smiling new face in the wire-chacking department nights. A Benson High grad and native of these parts, Wayne has a three year hitch in the Navy under his belt, along with time at the University of Portland. Wife Betty Ann and daughters Cathy, 5, and Diane, 2, help Wayne keep things going in the new home they just bought. Wayne's training as E. T. in the Navy led him to radio and appliance work and eventually here to Tektronix.

\* \* \*

HOBBY SHOW, SAT., SEPT. 20, 2 P.M.

## TRANSFERRED TO BRONXVILLE OFFICE



GEORGE EDENS worked for Ma Bell for several years before he finally went over the hill. He joined Tektronix on January 9, 1951 and immediately began taking Dr. Herren's course in "How to Test Scopes in the Dark".

George is busily married to Kay, a vivacious and friendly brunette. William, the youngest Edens, made Tek Talk Bonnets and Bootees column last May. His big sister Cathey is four and brother Christopher is three.

There is plenty of evidence to prove that George is the type that does things. He built a large addition on his house with his own calloused hands. He was one of the organizers of Tektronix Credit Union and was a member of the board of directors.

The Edens family will visit in Chicago a few days before completing the trip east. George will help JACK CASSIDY and JACK DAY cover the New York area. We predict continuing success as long as he pokes that grin through the door before anything else.

\* \* \*

New employees are HENRY BAHRs, EUNICE DAY, REGGIE GREEN, BILL HARDIN, MARIETTA KILGORE, GENE SHERIDAN, FAYE VANDIEST, and KAY WRIDGE, Assembly; EMMA LANGDON and SALLIE MCGUIRK, Sales Office; WAYNE CHRISTENSEN and ED TAYLOR, Shop. Summer employees are ROBERT HUNSUCKER, Assembly and BRUCE RUMMER, Shop.

\* \* \*

On July 26, CHARL BAIL, 513, accepted an engagement ring from JOHN MATTHEWS, Small Instrument Department. No wedding date has been set.



Cont'd from p.1, col.1

the Silver Lake Radio Sales and Service established in 1934.

In 1942 a series of events began in Miles' life which, step by step, have led him to his present position. The romance of Miles and Nellie we must leave for another day but three months following their marriage in 1942 in Los Angeles, Miles answered the call to service and went into the Coast Guard with a rating of 2nd Class Radio Tech.

His first assignment took him to the Seattle Repair Base doing installation and maintenance of mobile and marine radio equipment. It was here that he met JACK MURDOCK and heard BOB DAVIS and some of the others now employed by Tektronix. At the Coast Guard Port Angeles Air Station Miles received his Chief Radio Tech. rating. His electronic work included airborne and shipborne radio and communication equipment, direction finders, racon, etc. Another project was modification and redesign of field communication equipment for mountain rescue work.

Finally, in November of 1945, the Coasties saw fit to release Miles from active duty. Immediately, civilian Tippery observed the foremost problem at hand, took hammer and saw, and erected a modest but sturdy and neat structure while temporarily residing at Vanport.

Being one of the four original Tektronix stockholders, his duties were many and varied during the formative years. Until about Christmas time of 1948, Miles was handling practically all of the test work in addition to his other duties. At this time the Test Dept. was increased due to the additional number of instruments being produced. Up to this time the Type 511 and later the 511-A were the only production instruments being built. However, in the spring of 1949 we started building the Type 104 and the Type 512. This created an additional work load on Miles, which, as summer came, caused him to gradually turn the test load over to other people. Since then, Miles has devoted most of his time to production management, instruction manual writing and employment direction.

Because of the rapid expansion of Tektronix during the past 18 months, he has been forced to relinquish most of his technical and production work to other capable people. Miles now devotes full time to supervision of employment, inter-departmental relations, aiding group leaders with their problems, promotions and transfers, pay adjustment, and other personnel (personal to some of us) matters.

With his many duties at Tektronix, Miles bought a home directly across the road from the plant. Leaving work in the evening he can

turn farm boy again, pruning his orchard or working his garden. Many varieties of trees are to be found in the grove behind his house. In a short tour, one can be enlightened on the various species of trees, their ages, years of drought and years of plenty. The trees of the Northwest are not foreign to Miles, nor are the mountain ranges on which they grow. Whether he will admit it or not, Mr. Tippery is quite an authority on the mountain ranges of the west and flora thereof.

And speaking of mountain ranges, Miles not only grew up in them, but he and Nellie managed to do considerable exploring of the Olympic Mountains while at Port Angeles during the war. On these excursions and while romping around with the Mazamas or other hiking parties on such weekends as he and Nellie can find time to escape, Miles has accumulated an extraordinary collection of Kodachrome transparencies. Also included in his collection of slides are some beautiful flower close-ups.

Besides Nellie, there are three other red heads in the Tippery family. Ruth and Wayne have been joined recently by the newest arrival-Joyce. The entire family attends one of the downtown churches, in which Miles has become quite active. Behind his shy reticent nature we can find a warm friendliness that belongs to the common man--and is a characteristic of the West of which Miles is a part.

\* \* \*

Cont'd from p.1, col.2

departments--Shipping, Accounting, etc.

Howard also stated that the expansion plans are an indication of the company's faith in the future. A building half the size of the present building will be added to house Shop and the Transformer Department, with production and other facilities taking over present shop area.

The new building will be located one row of cars past the quonset. It will be air conditioned, be built along the west property line, will run north and south, and be connected with a wing to the present building. Arrangements will be made for different parking areas.

\* \* \*

Tektronix Federal Credit Union office is located by the Shop entrance. Office hours are 3:15 to 3:45. DICK SCHMIDT, Test, will handle emergency business.

At the present time, the amount of loans are equal to the investments, so a good return is indicated. This is a good time to put your extra money to work in your credit union. Drop into the office for an explanation of the function of your credit union.