

TEK TALK



VOL. I NO. 8

JUNE, 1952

ROAD SHOW HELD IN SOUTHWEST

By SANDY SANFORD

In the Spring and Fall, our distributor Neely Enterprises (California, Nevada, New Mexico, and Arizona), produces a traveling instrument exhibit known as the "Road Show". These Road Shows are mutually valuable for both Neely Enterprises and Tektronix. Neely personnel plan and organize the complete trip, making all arrangements for the display of Tektronix instruments plus instruments and equipment of the other manufacturers whom they represent.

This Spring, the Road Show lasted from April 22 to May 6 and involved a safari of five station wagons and commercial vehicles. About \$50,000 worth of laboratory test equipment was carried, with one entire 3/4-ton pick-up required for just the Tektronix instruments.

The Road Show exhibited at the following cities: Fresno (State College); Sacramento (California State Offices, McClellan Field, Bendix); Berkeley (U. of Calif. Radiation Lab., U. of C. Physics Dept., Mare Island Navy Yard; San Francisco (California Research and Development, San Francisco Naval Shipyard, U. S.N. Radiological Lab.); Palo Alto (Stanford, Stanford Research Institute, NACA Moffett Field, United Air Lines); Santa Barbara (Camp San Luis Obispo); Point Mugu (Naval Air Missile Test Center); Inyokern (Naval Ordnance Test Station); Corona (National Bureau of Standards); and Los Angeles (Army, Navy, AEC, Public Utilities, Educational Institutions, all major aircraft companies, City, County, and State Agencies).

In order to show you what we did, let's consider the exhibit at the National Bureau of Standards, Corona, Calif., on May 2. Since the NBS Laboratory is just beginning to function, this was the first Neely exhibit at this activity. Neely personnel had things exceptionally well arranged for the exhibit, displayed in a large

Cont'd on p. 8

TEKTRONIX BLOOD BANK

By BILL WEBBER

Donations at the Red Cross Blood Center have all been credited to the TEKTRONIX ACCOUNT. Since this program isn't understood too well perhaps an explanation would serve to answer your questions.

The Red Cross Blood Center is financed and staffed by the American Red Cross. Blood is accepted from donors only after very careful testing and checking seems to indicate the donation would in no way injure or jeopardize the donor's health. After receipt, the blood is processed in a laboratory, stored and then distributed. Distribution is made by Red Cross to local hospitals for immediate civilian needs and to the Armed Forces for military needs. During the so-called Korean Emergency, "elements of Harry's Police Force" have received, during some months, as much as two-thirds of all blood donated in Portland.

There can be no charge for Red Cross blood used in transfusions in hospitals. It is received by the Red Cross through voluntary donations and therefore cannot be sold nor can any hospital, receiving it free, later sell it. A hospital can, however, make a small service charge for handling and storing the blood. This service charge may amount to about \$5.00. There are two Portland hospitals, Emanuel and Good Samaritan, who still have their own blood banks by purchasing blood from professional donors. These hospitals also handle Red Cross blood which they cannot sell. They are also cooperative if a transfusion is required and they sell blood from their own bank, as they later permit replacement through Red Cross and would probably refund price of blood they sold.

Tektronix Employees when donating blood at the Blood Center should mention they are in the Tektronix Group. If any employee or their dependents need blood, they should ask the hospital to give them Red Cross blood and mention the Tektronix Account with Red Cross.

Cont'd on p. 8



VOL. 1 NO. 8

JUNE, 1952

EDITOR Blanche Cook
CONTRIBUTING REPORTERS

Marian Arnold
 Bill Barnes
 Ellen Burton
 Jack Clark
 Eleanor Cutler
 Will Marsh
 Arlene Martin
 Dick Montag

Bill Muessig
 Ida May Norby
 Scotty Pyle
 Dorothy Reeves
 Mollie Robbins
 Dick Schmidt
 Lou Thomas

Ed Egan, photographer

TEKTRONIX TWOSOMES



BETTY and RUDY GLASNAPP are a Tektronix Twosome that seldom has the male half visible. Rudy is the janitor who works graveyard shift, and he has the plant pretty well to himself. He gets home in time to drive Betty to work on the day shift.

Betty is the very little, very black haired girl who works on sub-assembly in the 511 Group. She came to work in December, 1951.

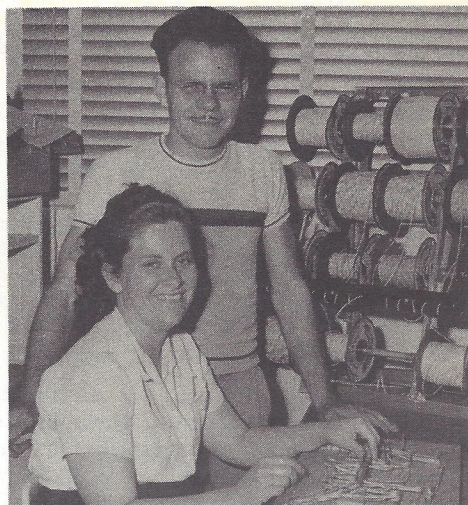
Rudy has been cleaning up swing shift clutter since last summer. This is quite a change from his previous employment as a moulder at Electric Steel Foundry. He also drives a local school bus in the mornings.

Betty and Rudy are in the landscaping stage at their new home that they built near the plant.

Prior to four years ago, they lived in Milwaukee, Wisconsin.

Their family consists of a boy, 11 years

old and a girl, 10 years old who hope someday to play their accordions in the entertainment field.



Another Tektronix Twosome is VIVIAN and HERB CRAWFORD. Before coming to Oregon in October, 1948, they both worked for Wilcox Electric Company, manufacturer of radio equipment for airlines in Kansas City, Missouri.

Vivian started working for Tektronix in the Cable Department, February, 1949, and left May, 1950. She returned to work in February, 1952.

Herb spent 18 months in the navy. After coming to Oregon he took a welding course and worked for Oregon Electronics before coming to work for Tektronix in July, 1950. Herb is now a group leader in the Special Department on swing shift.

The Crawfords have two charming daughters, Carol Rose, 22 months and Sandra Lee, six months and are building a house southeast of Tualatin.

Their hobbies include photography and gardening.

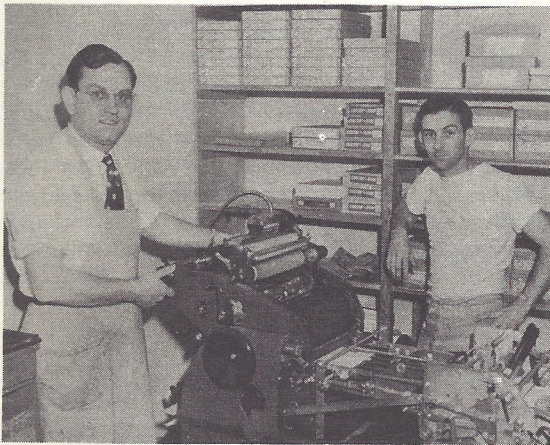
BONNETS AND BOOTEES

Mark Richard Ropiequet is the name of the new son at Eleanor and DICK ROPIEQUET'S home. He arrived May 3, weighed 7 lbs. 12 oz., and seems to think the time to be awake is between midnight and 3 a.m.

Congratulations to Mr. and Mrs. DON TWEEDIE on the birth of a baby girl, Margaret Alyce, born May 8. She was born at St. Vincent's Hospital and weighed 7 lbs. 10 oz. This is their third girl.

The stork brought to Rose and BURT AVERY a girl, Nancy Lee, on May 14 at 4:18 a.m. Weight: 6 lbs. 6 oz. She was born at Emanuel Hospital.

PRINTING DEPARTMENT



L to R: K. Walling and B. Causgrove

Coster and Gutenberg would have loved KEN WALLING'S zealous pursuit of their printer's craft. Ken, genie of the Tektronix printshop, keenly feels the romance of printing--the transformation of a blank sheet of paper into a segment of the kaleidoscope of history. One of the reasons he gives for his interest is the artistic satisfaction to be derived from an actually non-artist process.

The rapidly-expanding printshop had its humble beginnings in the corner of Engineering 1 last October with Ken manning the hand press, on which he turned out purchase order forms, and the Multilith machine for the rest of the routine printing. The Multilith machine is similar to the Lithograph or off-set and is practically worth its weight in gold. In October the equipment was moved to the back of the Aluminum stockroom but has expanded to include a large part of what was stockroom area. New equipment is being added all the time and Tektronix now prints most of its own office forms, Sales Dept. labels, some instruction manuals, all catalogs and other miscellanea. In one running of 6,000 issues of the recent catalog, one ton of paper was printed. Seven pounds of blue ink was used for the covers and backs only. This amount is approximately equal to one gallon of paint. Plans are made for Tektronix to do its own advertising with Ken arranging for typesetting and engraving for all advertisements and mailing pieces. These processes are done by a local firm. Recently a 10 by 15 inch job press has been purchased to take the place of the old hand press.

Our genial, logical-minded Ken has a wide background of work experience at Tektronix.

This includes shipping, purchasing, wiring, shop work and stock control. He was hired in December, 1947 and worked full time until February, 1948 when he enrolled at Lewis and Clark College where he earned his degree in business administration in August, 1951. During his time in college he continued to work part time. He was born in Canada, reared in Iowa, and came to Oregon in 1947. Ice skating, music (make mine hot, please), photography, wood finishing and working on his car claim his attention in off-hours, along with two charming ladies, Mrs. Ken and young Susan Marie, 3 months. All this may account for the unused golf clubs at home.

BILL CAUSGROVE, Ken's assistant, may sometimes be seen operating "La Guillotine", a dangerous-looking gadget whose innocent function is cutting only paper. Bill, a native Portlander as well as an enthusiastic disciple of the trade, wants to marry Mary---MARY HOOYBOER, that is, who works on 513 Vertical Amp. wiring. Strangely enough, Bill was Mary's boss at Iron-Fireman, later her boss here, and on June 28 will take on that duty permanently. On November 20, 1950, he started at Tektronix in sub-assembly, then went to 511 finaling, later 513 finaling (the first finalist) and before his transfer to printing, to 513 Inspection. Bill likes swimming, skiing, both snow and water, and ice skating. Because of his unusual ice skating ability, he has been considered by the Ice Cycles company.

Ken and Bill are readily identified by their ink-stained blue aprons and observation proves they are really enjoying their clattering machinery and their contribution to the company's success.

* * *

GRANT BUCHANAN, TOM RUYLE, BUD SIEGEL, WAYNE STRUTZ and ED ARCHER, all in Shop swing, were chinning on the lunch hour recently. The talk drifted into what each would most like and a wide variety of tastes was expressed:

Grant: "Travel. I've done quite a bit and I'd like to do some more. You name it--burro or Buick; camel or Cadillac."

Bud: "Year around snow so I could go skiing up at Hood every weekend. Slaloms, christies, schusses is my favorite fruit."

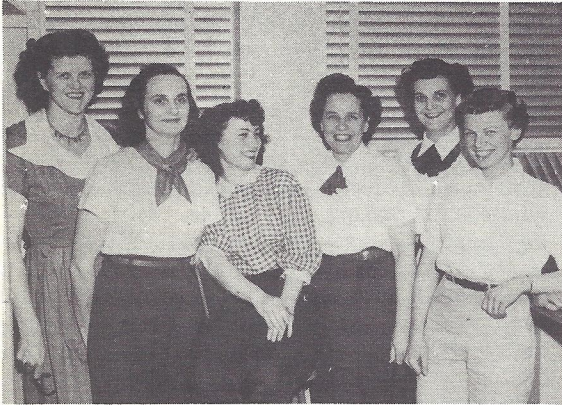
Wayne: "A recording of every piece ever played by every famous band. Boy, that would be some record library."

Tom: "Warm strawberry blondes and cold strawberry ice cream--a babe on each side of me and a third cutie to feed me the ice cream."

Ed: "A tape recording of these other guys talking."

514 GROUP

Production of the 514 was begun in the fall of 1950. At that time the group consisted of **JOHN LARSON**, group leader and inspector; **JUNE BULLOCK**, wiring video chassis; **HERB RUSTRUM**, finaling; and **GRACE GASSER**, wiring the sweep and power chassis. Soon **CALVIN SMITH** joined the four '14ers, and he, too, wired the sweep and power chassis.



L to R: J. Berlack, N. Swanson, M. Kokich, H. Tillman, G. Koch, and B. Ekstrom

Since this time, many members have been added to the 514 group, and there now are five girls wiring the sweep and power chassis, one of whom is **BARBARA EKSTROM** who has been with the group about a year. Barbara was born in Washington at the age of 0, which seems to be quite normal. After aging a bit she attended the University of Oregon for one year, where she met her husband, Johnny. Interior decorating is her hobby. Thus her apartment became an interesting experiment. Result - ??

Another sweep and power wirer is **BEVERLY OATHES** who has also been with the group for a year. She was born in Fargo, N.D., and while attending high school won a scholarship to the University of Oregon, but turned it down to get married. Now she has two girls, aged 8 and 4, who keep her busy when she isn't already busy building her own home. Interests? Although frightened of horses she has become determined to learn to ride. She must have the interest.

A comparatively new comer to 514's is **GLADYS KOCH** who has now been in this group about a month. Before this she had been wiring 513 sweep and power chassis. In the last few months many have come to know her as the captain of the Power House bowling team. A native Oregonian, Gladys is married and has a seven year old daughter. Ceramics and crocheting are her hobbies.

SELMA KNUTSON another year "termer" at Tektronix also wires power and sweep. Churches Ferry, N.D., where she finished high school, is also her birthplace. She is not married and lives in an apartment in Portland. She owns a '49 Chev. and enjoys any outdoor sport.

A home and family occupy **VERSA DIETZ'** time when she is not wiring sweep and power for 514. Versa was born in American Falls, Idaho, but moved to Portland where she finished high school at Girls Polytechnic. She was married in July, 1941, and now has two daughters, Sharon, age ten, and Karon, age 4. The Dietz family lives in the Brentwood District.

The 514 video chassis production now demands the attention of three people. One of these attentive three is **HAZEL TILLMAN**. Hazel moved from Iowa, where she was born, to Baltimore, Maryland, where she worked on radio equipment at the Glenn L. Martin Aircraft Co. She came to Portland in 1946 and has been with 514's a year. Hazel has two girls who are three and seven years old. Need it be said one of her chief pastimes is sewing?

MICKEY KOKICH has been wiring 514 videos about seven months. The fourth in a family of eight, Mickey hails from Lancaster, Minnesota. She now has two children of her own, aged five and three. Mickey's husband, Dick, is a music teacher and also has a music supply store. Her hobbies? Music, of course, skating and dancing. Waltz anyone?



L to R: B. Oathes, S. Knutson, C. Denton, V. Dietz

The mother of three children, **NEPPIE SWANSON** has been with the group about six months. Neppie would have us believe that three children are easier to handle than one. Does this mean that nine would be easier than three? A few of her many interests are sewing, tap dancing, beadwork and photography.

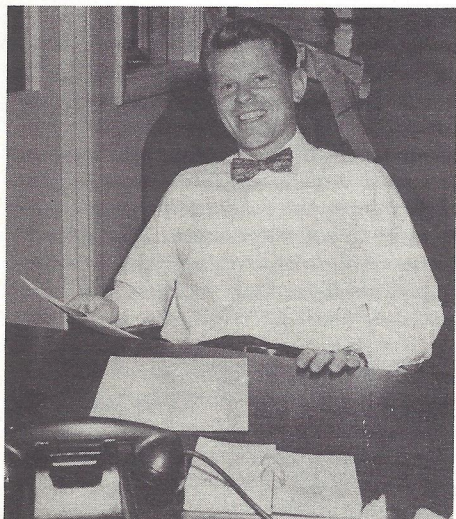
CORRINE DENTON does mechanical as-

sembly on the 514. She was born and raised in Minot, N.D., and now has been with Tektronix for 16 months. Her interests are bowling and her three children, aged 13, ten and three.

Canada claimed JEAN BERLACK until she moved to Chicago in 1937. She has been in Oregon since 1944 and has worked at Tektronix for thirteen months. Her interests are crocheting, dancing, and hiking--with friends.

* * *

TEKTRONIX OPENS SYRACUSE OFFICE



Six suitcases and two teddy bears accompanied by BYRON BROMS and family boarded a U.A.L. plane on May 14th for the East Coast. Actually Byron took his family to Syracuse where he joined the Eastern Division sales force last month. Byron's children, Christie, five, and Tony, four, took the teddy bears, but we haven't found out who toted the luggage. Byron, did you make like a "Redcap"?

Byron started his career in electronics with Western Electric during 1940 working in telephone assembly-repair.

In 1942 he joined the Navy and was selected for the Navy's Radio Material School at Bliss Electrical School for a year and a half. Late in 1944 he was assigned a mine squadron in the Pacific Theater where he spent the balance of his Navy career. After being released from the Navy, Byron worked in the Toll Maintenance Division of the Bell Telephone System until he joined Tektronix in February, 1951 to learn the product from component to completed instrument. Byron's capabilities and engaging personality quickly pointed him out as a person who would prove valuable as

a representative of Tektronix.

JACK CASSIDY, Eastern Division Manager, will assist Byron in establishing a new Tektronix branch office at Syracuse, New York. Tentative plans are to open the office on June first. Byron will cover upper New York State and the Canadian area adjacent to New York State, comprising the active areas around Ottawa, Quebec and Montreal.

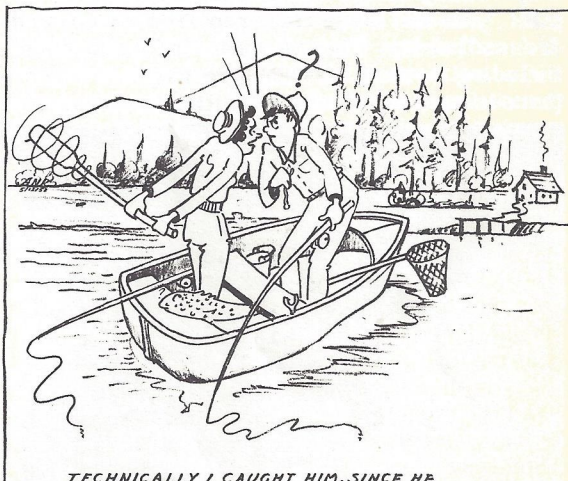
We all wish Byron, his wife Jean, and their family the best of happiness in Syracuse.

* * *

TROUT DERBY

Fish! Fish! Fish! Come on you people let's wet a trout line. WENDELL FERLAND and his wife really went out for it in a big way. They went out two different weekends and both lost a fish. Wendell said he lost the first one and that both were whoppers. They are going out again soon to try their luck.

CLAIR KIDD is the only one so far who has caught a fish eligible for our derby. What's the matter with the rest of you?



TECHNICALLY I CAUGHT HIM, SINCE HE GOT AWAY FROM ME FIRST.

* * *

JERRY HITCHCOCK, Transformer Department, did some high flying the other day with a gasoline-propelled model plane. He flies models on a free-flight strip near the Hillsboro airport. At a recent flight a plane went over a mile, with Jerry chasing it on foot. He says the fuel "tank" holds about a thimble-full, and fuel costs 85 cents a pint--and with the big airlines cancelling flights because of the recent oil strikes. Jerry has built many of his own planes, some of original design, and they have numbered "in the hundreds" over a period of eleven years. He is now working on a radio-controlled model.

VERNA COLLECTS DOLLS FOR HOBBY



VERNA DOBSON, assistant group leader in Transformer, has a hobby which can become quite "accumulative". She has been with us nearly three years, and her doll collection was started about two years ago. The collection numbers 89, and Verna hopes to have 100 by July. Many of her dolls have been given as gifts. She has made five, repaired three, and dressed twenty. There are fifteen foreign ones, including several dressed by natives. Yes, there is even a Rastus and Little Black Sambo.



The largest and oldest doll, which wears children's clothes, was given by her aunt.

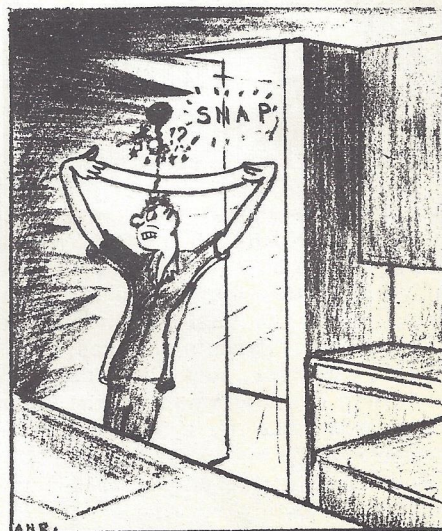
Verna explains that dolls have been a fascination since childhood. She received her first nice one for her sixth Christmas, and another when she was eleven or twelve. These dolls are quite different from the present day dolls. Dressing dolls seems to be the greatest fascination. Her hopes are to have one from each country, made and dressed by natives. The photo of her collection was taken by herself, photography being another hobby. Verna plans to bring dolls to the hobby show if transportation is available.

Tektronix is proud of the publication of an article by CLIFF MOULTON in the May issue of PROCEEDINGS OF THE I.R.E. The article is titled "Signal Distortion by Directional Antennas". Cliff is our engineer who developed the 524. We note also that he has been transferred from Associate to Member of the Institute of Radio Engineers.

HOWARD VOLLUM was the speaker at a recent luncheon meeting of the Chamber of Commerce industries subcommittee. Products from some of the 16 electronics firms in Oregon were displayed.

On May 19 two California Engineers visited our plant for several days. Victor Howard takes care of instrument maintenance for Neely Enterprises, and Lester LeCoeur has charge of instrument maintenance for Hughes Aircraft. These men, familiar with Tektronix equipments, were here to get first hand information on factory test and calibration procedures.

Les LeCoeur says that at Hughes Aircraft they have had to do very little maintenance work on their Tektronix equipments.

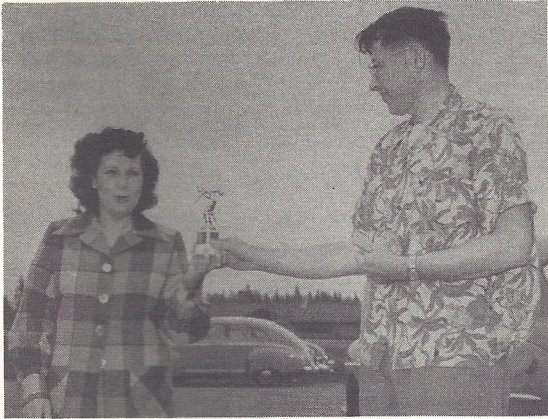


... AND THIS IS PHOTOGRAPHY AND THE DARK ROOM -- OOPS!

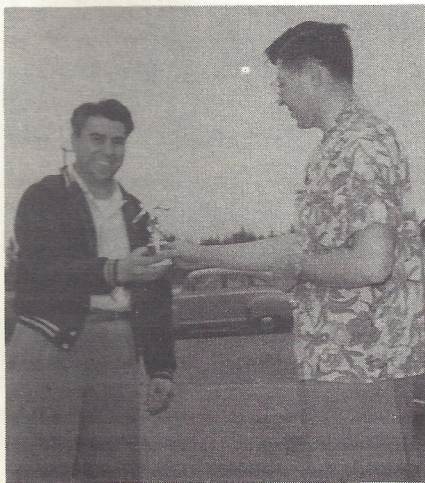
Two of our Test Personnel were in the dark room on swing shift loading some 35 mm film in daylight cartridges and had 5 feet of film out and ready to put on the spool when a voice was heard saying, ".....in here we have our photographic (snap) department..." There stood the boys with light seeping in around the light trap, mumbling to themselves.....A little bird tells me that the party of the first part was rather peeved the rest of the evening.

BOWLING LEAGUE ENDS SEASON

The 1951-1952 Tektronix Bowling League drew to a close April 24th with the crash of the bowling pins. After bowling every Thursday for seven months, the bowlers drew a deep breath and wondered what the outcome would be. Although everyone enjoyed the game, one could see in the bowler's faces the longing to get out into the gardens, lawns, etc.



Dick Schmidt presents award to Gracie Gasser



Cecil Fletcher receives trophy

GRACE GASSER and CECIL FLETCHER walked off with the high average trophies; Grace with an average of 126 pins per game and Cecil with an average of 158 pins per game. High game prize winners were ARLENE MARTIN, SID JONES, and DEANE KIDD. High series prize winners were JUNE BULLOCK and BURT EBERLY. Incidentally, Deane and Burt rolled their winning scores on the final



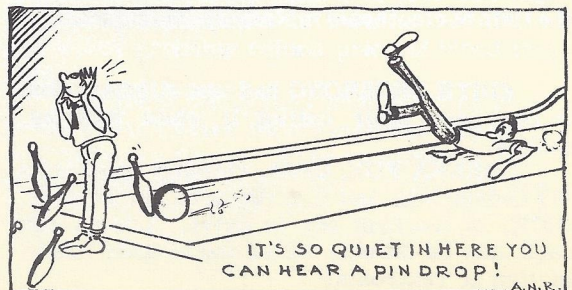
Back Row, L to R: S.Jones, D.Kidd, B.Eberly
Front Row, L to R: A.Martin and J.Bullock

day of the season. Each of these people received \$5 in cash for their prize.

The Eddy Current team, consisting of WAYNE STRUTZ, SLIM SORENSON, JUNE BASS, BILL JOHNSON, and TOM RUYLE walked away from the rest of the teams and picked up \$25 for their efforts. The remaining teams finished in this order with their prize money in parenthesis: 2-Hysteresis (\$20), 3-Short Circuits (\$15), 4-Power House (\$15), 5-Live Wires (\$10), 6-High Volts (\$10), and 7-Hot Wires (\$5).

Undoubtedly many of the bowlers will be thinking, "Just how can I improve my bowling; is it the ball, or is it me; must be the ball!!" But just wait until next season---

Bowling as a league this season has been an experiment. Through this season's experience the next season should run more smoothly. It is hoped that more people will be interested in bowling for the entire season. Many of the problems will be ironed out during the summer months; so around the latter part of September, the crash of bowling pins will once again fill the air. See you then---



Cont'd from p. 1

auditorium where we had plenty of room and a good attendance. Dr. Huntoon, Director of the Bureau of Standards at Corona, was extremely courteous and cooperative and his alternate, Ralph Lamb, made a particular point of getting project engineers and section heads squared away to visit our exhibit. This was one of our most valuable stops because we were in on the ground floor during the formative stages of what is certain to be one of the important laboratories in the area.

The stops made at Point Mugu, Inyokern, and Corona, demonstrated the degree of organization carried out by Neely Enterprises personnel in preparation for our visits. At each of these stops, security regulations are strictly enforced and entrance to the government reservation is limited. In conformity with these regulations and because of good organization and prior arrangements, we were able to take the entire safari behind security gates and display the test equipment directly to engineers and technicians in their own laboratory buildings.

With the exhibit at Neely Enterprises' Los Angeles offices, my tour with the Road Show ended. The next three days were spent in visiting, with Neely Field Engineers, some larger Tektronix customers in Los Angeles and San Diego, including: Consolidated Vultee Aircraft Corp. in Pomona, Calif., and San Diego, Calif.; Bill Jack Corp; and the Naval Electronics Laboratory.

In the San Francisco Bay Area during the week of May 12, visits were made in company with Neely Enterprises Field Engineers to the following Tektronix customers and potential customers: University of California Radiation Laboratory, U. of C. Physics Dept., U. of C. Chemistry Dept., Westinghouse; Litton Industries, Sierra Electronic Corp., Lenkurt Electric Corp., and IBM Research Laboratory. A visit to Hewlett-Packard Company, who manufactures electronic test equipment other than oscilloscopes, completed my four weeks trip.

Many valuable customer contacts were made on this trip and throughout, it was evident that engineers look to Tektronix for leadership in the field of electronic instrument manufacturing.

* * *

EDITH GROSHONG had nine stitches taken in her hand after cutting it while washing dishes.

LORENA FOX, Coils, recently acquired a '49 Oldsmobile, and it is rumored her brother, DICK, is teaching her to drive. Lorena and Dick may be the only sister and brother combination at Tektronix.

Cont'd from p. 1

If possible this should be arranged ahead of time but, in an emergency, replacement by Red Cross could probably be arranged later.

The obvious and most important question is "have Tektronix employees used this blood or could they use it?" Yes - certain employees have required blood for themselves or their dependents and this program has not been too well understood. It is hoped all employees now understand they can get blood when needed--free (except for service charge). In order to have an account, continued donations are required. Interested donors should sign the list on the bulletin board when they wish to donate.

We hope those who come in weak and half dead on Monday mornings will not deplete the blood bank.



ANA HAAS trying to fatten up the girls with Estonian style rolls that are yummy..... SAL VALLARIO baking apple pie for his 512 swing group....MAXINE CALVERT planting a lawn on her vacation...LUCY BENTON knitting for babies and more babies--a few of which are grandchildren.....

* * *

FAY HOLLIDAY and Steven Riaz were married on Saturday, May 17. Following their wedding, which was a surprise to all, they went on a honeymoon.

* * *

Welcome to two new employees: VIRGIL BRITTAIN, Assembly and JOHN RIESCHEL, Sr., Shop.

* * *

JOHN MATTHEWS is group leader of the Small Instruments Group. NORMA CAUFIELD has taken his place and is working with DON ELLIS and HAWKIN AU in the Planning Department. JOHN TAYLOR is now assisting BOB DAVIS with production coordination.

* * *

It's gratifying to know that our monthly publication of Tek Talk is getting attention. In fact, while reading the last issue, MARY JANE FANNING, 512, walked into the cloak room and wore some other gals coat home.

ELEANOR ROSS keeps a cheerful corner in the 512 Group by always having one of her many beautiful flowers at her bench. We all enjoy them.

* * *