

Credit Union employs CPA firm for annual audit



Tektronix, Inc., Beaverton, Ore., Nov. 15, 1963, vol. 4., no. 31

Statements sent, must be returned

The annual audit of the books of the Tektronix Employees Federal Credit Union is under way.

This year the supervisory committee, after conferring with the Credit Union board of directors, engaged the certified public accounting firm of Kimberling, Harrington & Co. to conduct the audit.

Each Tektronix Employees Federal Credit Union member should have received a statement of his account with a confirmation request. Each member is asked to examine the statement at once and:

- 1) IF IT IS CORRECT—sign, date and return the statement to the auditors in the enclosed envelope;
- 2) IF IT IS INCORRECT—note any differences on the back, date, sign, and return to the auditors in the enclosed return envelope;
- 3) ADDRESS ANY QUESTIONS to the auditors at the address below. Do not call the Credit Union office and DO NOT return the confirmations to the Credit Union office.

For the confirmation program to be effective, any member who has NOT received a statement by Monday, November 18 should contact the auditors: Kimberling, Harrington & Co., 1221 SE Madison st., Portland 14, Oregon, BELmont 4-9261.

Members are asked to return the confirmations promptly, as this will avoid the necessity and expense of a second request. Remember to return them to the auditors, not to the Credit Union office.

The decision to have an outside firm conduct the audit was not based on any thought of irregularities in the conduct of the Credit Union's business. The laws governing credit unions require an annual audit, and in the past the supervisory committee has done its best on a spare-time basis.

However, with the present membership of almost 5000, and share and loan accounts of over \$2 million each, and with other assets of almost a half-million dollars, the "spare-time" arrangement is no longer practical, nor good business.

CRT to hear lectures

Dr. Dwayne Richins, professor of business administration at University of Oregon, will present a series of six lectures on business organization to CRT engineers and managers.

The lectures, which began November 11, will be given on consecutive Monday evenings. They are part of the continuous development effort of the CRT management improvement program committee, Roy Record, chairman.

ELECTROCHEM MOVE-IN is underway. Production Support and Administrative offices are already in the 35,000-square-foot building. The Cedar Hills group, including Mechanical Fabrication and Image area, will move this weekend. Panelcraft, presently in the Sellwood area of Portland, will move to the Beaverton plant next weekend.

Special stock education classes set

Representatives of several local member firms of the New York Stock Exchange have agreed to help Tektronix employees become more familiar with the exchange's operation by presiding over several special evening classes. The sessions have been arranged by Education & Training and will be available to all employees at no charge.

Employees who work days may attend a 7:30-to-9 p.m. session on

any one of the following days: Wednesday, Nov. 20; Thursday, Nov. 21; Monday, Nov. 25, or Tuesday, Nov. 26. Swing-shift employees may attend a 2-to-3:30 p.m. class Monday, Nov. 25, or Tuesday, Nov. 26.

The firms of Dominick & Dominick, duPont, Harris Upham, Merrill Lynch, Pressprich, Walston and Dean Witter will furnish speakers.

To register for the session of

your choice, obtain an IBM voluntary education registration card from your department secretary or the receptionist in your area. Write "Stock Exchange" in the space for course title and put your name and delivery station in the proper spaces. Mail the card to Education, station 97/250.

A bulletin board posting, to be made by noon of the day that each session is scheduled, will contain students' names, the name of the firm to be represented and the location of the classroom.

Employees will be free to ask questions about stocks and the stock market, but should not expect the speaker to answer questions on their personal investment program. Education & Training will try to schedule enough sessions so that no class will exceed 30 persons.

Howard Vollum named to WEEF trustee board

Howard Vollum, president, has been appointed to a four-year term on the board of trustees of the Western Electronic Education Fund (WEEF).

The appointment was announced by Emmet Cameron, president of Western Electronics Manufacturers Association (WEMA). Mr. Cameron commented that Howard was "particularly qualified" to serve because of his achievements in both business and education.

As one of the WEEF trustees, Howard will assist in the administration of scholarship grants which this year totaled \$21,000 to 27 colleges and universities in 11 western states. The WEEF organization is an outgrowth of a program started by WEMA in 1952.

Structural changes:

Marketing staff job announced; Engineering groups rearranged

George Edens, formerly a Marketing staff member, has been named Special Support manager, reporting to Keith Williams, US Marketing manager. According to Byrom Broms, Marketing manager, George will act as prime contact in Marketing on Custom and Engineering specials. He will work with the field, Engineering, Manufacturing and Customer Service to provide the technical, availability and price information required to negotiate and fill orders to meet customers' needs for special products. In addition George will act as prime contact in Marketing for special digital systems.

Field Information has been renamed Product Information, John M. Key, manager. John has appointed Will Marsh manager of the Product Reference group, which is responsible for publishing IRBs (Instrument Reference Books) for the field. Will is located at delivery station 28/445, extension 7725.

This information was released in a Tektronix Newsletter dated November 12.

Additional steps in the reorganization of Engineering were announced this week by Instrument Engineering Manager Jack Rogers. He outlined the following arrangement of Instrument Engineering operations and project managers:

Accessories Design, Wim Vel-sink; **Conventional scopes**, Oliver Dalton; **Conventional scopes** (another group), Bob Rullman; **Digital systems**, Jim Knapton; **Low-frequency and Biomedical systems**, Russ Fillingier; **Sampling**, Al Zimmerman, **TV and Scan conversion**, Charles (Dusty) Rhodes; and **Mechanical Design**, Marlow Butler, department manager.

Marlow's department includes the Accessories and Camera Development, Mechanical Instrument Design, Mechanical Engineering Research and Industrial Design groups.

Six lunchrooms get facelifting

The Food Service's project to improve the lunchroom facilities in Buildings 76, 86, 81, 13, 71 and 74 is nearing completion, according to Don Kepler, Personnel Services manager.

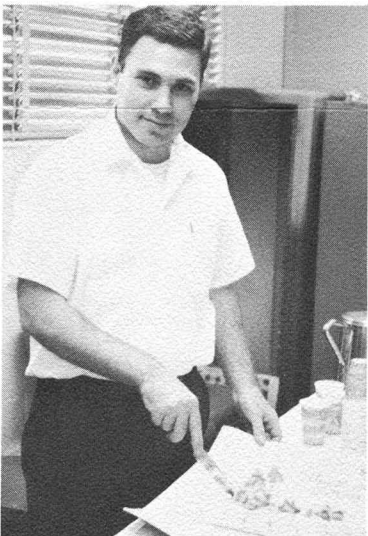
Every major food location prior to the completion of building 45 main cafeteria was originally set up to handle only hot and cold sandwiches and soup, with no provisions allowed for the hot meals Tek now serves. After the present complete-meal services were made available, makeshift changes were made to provide space and equipment which resulted in dangling wires, insufficient cupboard and display space and crowded work areas.

The first lunchroom to be "modernized" was Bldg. 76 in September 1962. Work in Bldg. 86 was finished in March of this year; Bldg. 81 is now being operated by Canteen Co., but Tektronix did the preparatory work to provide additional space. Bldg. 13 was completed last month and the lunchroom in Bldg. 71 has just been completed. Interim-Office Bldg. 74 lunchroom will be modified within the next few months.

The project includes installation of triple-compartment sinks for sanitizing pans and equipment, garbage disposals in those snack-bars where none existed, overhead heat lamps for hot food and extra cooling cabinets where necessary.

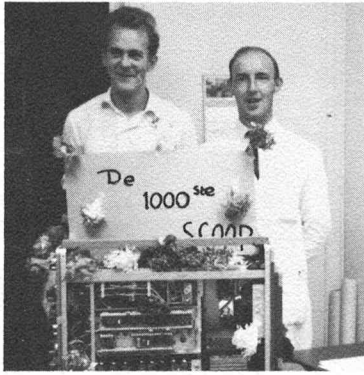
The improvements were made to improve working conditions for Food Service attendants, to reduce safety hazards wherever possible and to provide more palatable food for Tek employees.

Leaves Tek



TERMINATION cake was given to Sam McCutcheon, Instrument Design project manager, when he left Tek November 1. Sam is now working for Fairchild Semiconductor Instrumentation in Palo Alto, Calif.

1000th Scope



NUMBER 1000—Gerke Heeringa (left) and Jan Zijlstra, Tek-Holland Final Assembly, delivered the one-thousandth Heerenveen-made scope, a 545, to the Production office on October 24.

TEKS in the news

Loran Trumbo (F&M Production Engineering) and Don Verley (Manufacturing Staff Engineering) are attending a training course this week at IBM's Endicott, New York, plant. The course is titled "Data Processing and Numerical Control of Machine Tools."

Jack Rogers (Instrument Engineering manager) and John Kobbe (Advanced Circuitry manager) plan to attend an American Management Association conference entitled "Planning Productive and Profitable Research and Engineering Programs" at the Ambassador hotel in Los Angeles, December 11-13.

Bob Anderson, Dick Covert, John Delord, Egon Elssner, Chuck Gibson, John Kobbe and Norm Winningstad, all of Engineering, visited Field Emission Co. in McMinnville Tuesday, November 5.

Bob Hiatt (Accessories mechanical coordinator) and his family were featured in an article in the November 4 *Hillsboro Argus*. The story tells of the hiking Hiatts' four-day 36½-mile stroll around the base of Mt. Hood.

Paul Parks (Electron Physics Research staff) appeared on KGW-TV's Town & Country broadcast last Sunday at 7:30 a.m., participating in a discussion on the McKay creek dam proposal.

New Tek ad published

A new two-page advertisement, describing features of the Type 502A oscilloscope, appears in the November *Electrical Design News*. The Type 555 oscilloscope and Type C-12 camera are featured in a one-page ad in the November *Review of Scientific Instruments*.

John Mulvey's article, "Fundamentals of Selecting and Using Oscilloscopes," will be reprinted in this month's IEEE section bulletins, as well as in three industrial magazines. In addition to those mentioned above, 14 revised ads will appear in 20 magazines.

Bob Davis, former Tek exec VP, becomes Reporter board member

Bob Davis, former executive vice-president and board of directors member of Tektronix, has joined the board of directors of the Portland Reporter, according to Robert D. Webb, publisher of the Reporter.

Bob resigned from Tektronix in June 1962. An October 23 Reporter article included Bob's comments regarding his acceptance of the position:

"I think it is very important that Portland have a community-owned newspaper. No city this size should have only one newspaper ownership, and that would be the situation here if it wasn't for the Portland Reporter. The absentee ownership of the other newspapers makes it even more important to insure an independent newspaper here concerned with local problems."

Mr. Webb, in announcing Bob's board membership, said, "We are pleased Mr. Davis has joined the Portland Reporter board. During his long association with Tek-

tronix, that firm grew from a small company to a large, far-flung concern."

"The Reporter is now Oregon's third largest newspaper, and we believe Mr. Davis will help it grow, as he helped Tektronix."

Job Postings

Tektronix employees should contact Alice Kida, ext. 7620 (8-7620 from Sunset), to apply for positions listed in JOB POSTINGS.

RELIABILITY TECHNICIAN: Man to work day shift for the Product Assurance group of the Quality Assurance department of Manufacturing (J.P. no. 3962).

FUNCTIONS: Monitor and record the performance of products in accordance with MQA reliability program. This will include checking performance of products against existing specifications or other significant trends; repair and calibration of products under test as well as maintenance of all associated test equipment used in the reliability program.

QUALIFICATIONS: Two years of college, technical school or equivalent; calibration and/or quality control experience on Tektronix products; basic knowledge of statistical techniques desirable; ability to work with minimum supervision.

TRAINING SPECIALIST: Man to work day shift for the Field Training department of US Marketing (J.P. no. 3880).

FUNCTIONS: Train and familiarize field engineer and field maintenance engineer candidates with the operation, application, maintenance, calibration and design circuitry of Tektronix products; submit periodic evaluation reports; assist in organization of training material; conduct seminars; participate in developing training aids and publications for use by Market.

QUALIFICATIONS: Minimum of two years' experience with Tektronix products and three years of formal technical education in electronics; writing ability desired.

DRAFTSMAN: Man to work day shift for the Accessories and Camera Development Mechanical Design group of the Instrument Engineering department of Engineering (J.P. no. 2328).

FUNCTIONS: Make detail and assembly drawings from sketches and/or samples.

QUALIFICATIONS: Approximately one year experience in mechanical drawing; mechanical aptitude; high level of interest in mechanical engineering.

MESSENGER: Woman to work day shift for the Messenger Service of the Plant Supporting Services department of Central Staff Services (J.P. no. 3574).

FUNCTIONS: Pick up and deliver interplant mail; post bulletin boards; operate duplicating machines; type.

QUALIFICATIONS: Average typing; good memory; enjoy walking; clerical experience helpful but not necessary.

TECHNICAL EDITOR: Man to work day shift for the Product Reference group of the Product Information department of Marketing (J.P. no. 4131).

FUNCTIONS: Write, check out, edit, revise and publish Calibration Procedures. Classify, edit and publish technical information for Instrument Reference books.

QUALIFICATIONS: Thorough knowledge of Tektronix instrument performance characteristics, circuit theory and calibration techniques. Ability to express ideas clearly and concisely on paper. Ability to develop and maintain a cooperative spirit with other departments.

POSTING CLERK: Woman to work day shift for the Material Availability of the Material Control department of Materials Management (J.P. no. 5028).

FUNCTIONS: Maintain inventory and reserve Kardex records. Maintain work order screening file.

QUALIFICATIONS: Typing; knowledge of record keeping and filing helpful; proficiency with numbers; some knowledge of Tek part numbers helpful.

Yule fund built by Accessories

A hand-made afghan and a furniture ensemble will be raffled by the Accessories department this year to raise money for their Christmas fund, according to Karen Helfrich, Christmas Fund committee chairman.

Tickets for the afghan can be obtained for a 50 cent donation; a \$1 donation obtains a ticket for the furniture. Karen can supply tickets; call extension 672 or send your request to her at delivery station 47-037.

Cohn Bros. of Portland have donated the furniture. Winner of that raffle will receive a gift certificate which can be redeemed after the drawing.

The drawing will be held December 20; winning numbers will be posted in the Accessories department before 3:30 p.m. that day, and published in Tekweek January 3.

Rains hamper paving

Heavy rains since November 1 have prevented completion of paving the road and parking lots west of Bldg. 47 Carl Jonasson, Facilities Engineering manager, reports.

Catch basins and storm sewers have been installed and are adequately handling the water so little damage has been done to the subgrade. Paving will be resumed when we can be reasonably sure of at least a day without rain, Carl said.

"Monday, November 11, was a double-time holiday for contractors so we elected not to call them out until Tuesday; construction of curbs and sidewalks began Tuesday."

TEKWEEK is published every Friday for Tektronix employees by the Communications department, 74/298, ext. 405, in cooperation with the Printing and Photography departments.

TRADING POST is a free service to Tektronix employees. Mail ads to delivery station 74-298 or call ext. 405. **Deadline:** Fridays at 12 noon, one week before publication. One ad per employee per week. Ads offering to buy or sell Tektronix, Inc. shares will not be accepted. Prices must be in dollars on "for sale" items and rentals.

CARS FOR SALE

'49 **DESOTO:** cpe., 2-dr., real clean, 2 new recaps, battery & starter, \$145. MI 4-9749.

'50 **GMC:** pickup, ¾ ton, 4-speed, heavy-duty wheels, 6 ply tires, canopy, \$400. Jack, ext. 7405.

DODGE: 4x4 carryall, 4-wheel drive, fold-down bunks, rebuilt eng., new paint, elk hunters' special, \$695. Woody, MI 6-1434.

'61 **F-85 OLDS:** 4-dr. sedan, lt. green, carpets, radio, gd. rubber, first come, \$1600 or best offer. Bob Moore, page swing or 233-0681.

'46 **CHEV:** pickup, ¾ ton, gd. motor & body, \$195. Steve, ext. 7606.

'48 **PLYMOUTH:** \$65. MI 4-5992 aft. 5.

'56 **T-BIRD:** htdp., a classic, custom pink, paint job, \$300 extra chrome work, \$2200. EL 7-6636.

'51 **CHEV:** 4-dr. sedan, stick, running cond., \$100. 771-3277.

'50 **CHEV:** 4-dr., very gd. cond., 80% rubber, 2nd eng., low miles, \$225. Bud Ramsdell, ext. 686 or MI 4-9608.

'49 **DODGE:** 4-dr., heater, new license, gd. cond., \$75. Larry, ext. 7460 or MI 6-1028.

'52 **STUDEBAKER:** Champion, 2-dr. htdp., gd. motor & body, r/h, must sell, \$165 cash. Ray Martin, ext. 295 S or ME 9-3917.

'29 **MODEL A:** roadster, channeled, painted white orange, white int., '54 Desoto mill, 4 carbs, make offer. MI 4-1324.

DODGE: V-8, r/h, stick, new tires, 10000 miles, make offer. Dick Burgone, BE 6-4738.

'56 **PLYMOUTH:** 2-dr. htdp., V-8 auto., pwr. brakes, new seat cov., gd. rubber, low mil., \$395. Ext. 342 or MI 4-7684.

'58 **PLYMOUTH:** 2-dr., rebuilt motor, \$300; '53 Plymouth, 4-dr., runs gd., needs some glass, \$75. Ruth, ext. 7141 or 981-4191.

'48 **FORD:** 5 pass., new paint, batt., brakes, \$119. Dave, ext. 325.

'54 **CHEV:** 2-dr., stick, 4 new tires, clean, runs gd., \$250. Don Loos, ext. 366 S or MI 8-1890.

'62 **BUICK:** Electra, low mileage clean, gd. tires, \$3185. OL 4-7334.

'62 **TR-3:** low miles, Michelin x tires, r/h, tonneau cov., make offer. MI 6-2462.

'55 **PLYMOUTH:** 6, 4-dr. wagon, r/h, od, gd. tires & body, very gd. mech. shape, \$425 or best offer. EL 7-2429.

'57 **FORD:** Fairlane 500, 4-dr., V-8, auto., pwr. steer., r/h, \$650. MI 4-7438.

'57 **BEL AIR:** convert., r/h, auto., excel. cond., \$895. Evelyn, ext. 353 S or MI 8-4321.

'55 **RAMBLER:** auto., r/h, \$200 or best offer. 771-2553 aft. 5.

'59 **FORD:** 4-dr. sedan, custom 300, V-8, auto., pwr. brakes, new paint, gd. tires, \$1090. Brad Webb, ext. 7110 or BE 5-7446.

'63 **HEALEY:** black, wire wheels, w/t tires, r/h, washers, ski & lug. rack, excel. cond., \$2995. Karen, ext. 386.

'47 **STUDEBAKER:** pickup, ½ ton, gd. cond., \$275. MI 6-1639.

FREE

KITTENS: male, black w/white feet & face, 466 SE 18th ave, Hillsboro. MI 8-1384.

KITTENS: 2 well-mannered grey & white. Anne, ext. 7591 or MI 4-4709.

MISC. FOR SALE

MOBILE RIG: Johnson "Viking", VFO, Gombel 3-30 converter, whip dynamotor mike, \$100. CA 7-5717.

ELEC. HEATER: range 3600 to 4800 watt, like new, \$20. MI 8-2686.

M-70 TGT: 243 Win., cust. L.H. stock, w/6x to 24x, B&L scope, \$315. JE 8-5316 aft. 6.

ELEC. RANGE: 2 ovens, clock, timer, light, gd. shape, '49 Prestoline, \$25. Phil, MI 4-3580.

FIGURE SKATES: men's, CCM (ice), size 8½, never worn, cost \$18.95, sell for \$15. CH 6-4488.

.300 SAVAGE: lever action, model 99, Redfield micrometer peep sight, excel. cond., \$70. Ext. 300 or 234-2474.

GARDEN TRACTOR: 4-horse, Briggs & Stratton, disc, plow, cult., \$100. MI 4-0341 aft. 4.

OATS & VETCH HAY: \$17 ton. EL 7-6728.

MAGNAVOX TV: 19-in. console, mahog. cabinet, excel. cond., \$65. 292-2568 aft. 5.

ALUM. WINDOW: Rylock, sliding, 8x4, w/screens, \$45. JA 6-2376.

KENMORE ELEC. RANGE: clean, excel. cond., \$55. Helen, ext. 7170 or AL 4-3916.

4:11 GEARS: for late Pontiac, will trace 3.08 economy gears. Harvey Gjesdal, ext. 7695 or AL 3-9658.

RABBIT HUTCH: new, 2 compart., all alum. & fiberglass constr., screen floors & doors, \$20. Jim, ext. 7694 or MI 4-0931.

ADORABLE PUPPIES: assorted styles & colors, \$5. Nancy Turner, ext. 7796 or 244-4298.

SHETLAND GELDING: 5 yr. old, w/saddle & bridle, \$150. 656-2858.

PHILCO RANGE: 30-in., lge. oven, storage drawer, flip top, remov. oven door, \$75. MI 4-0875.

SNOW TIRES: 2, size 6.70x15, Firestone, used only 2 mos., \$15 ea. Mary Patterson, ext. 270 or 284-7564 aft. 4:30.

WALNUTS: 30 cents/lb. under 30 lb., 27 cents/lb., 30 lbs. & up. Bob Bridges, ext. 7552.

CHORD ORGAN: small, elec. w/bench & instruct. book, \$25. MI 4-8120.

14-FT BOAT: ply., w/windshield, trailer, 25 hp Johnson, ski equip., \$450. Milli, ext. 225 S or CH 6-3111.

30.06 SPRINGFIELD: very gd. cond., \$35. 246-6842.

CAULKINS CRAFT: 10-ft., Class B, hydro runabout, \$125; Merc. 10 Hurricane, quicksilver unit & speed prop, \$100. MI 8-1384.

WANT TO TINKER?: Philco radio/phonograph, table mod., needs work, make offer. MI 4-1237.

FUR JACKET: size 16, gd. cond., \$30. MI 4-8385.

LEATHER JACKET: brown, size 40, new cuffs, excel. cond., \$10. Al, MI 4-9798.

TRAPPER NELSON PACK: med size, shoulder strap, pads incl., \$10. MI 8-3770.

6-YEAR CRIBS: w/mat., \$5 & \$10; playpen & hi-chair, \$5 ea.; spring rocking horse, \$5. Joyce, ext. 7628 or CH 6-2462.

AA MARINE PLYWOOD: 1 sheet, 4x 16x3/8-in., \$30. Ext. 7240.

ADMIRAL TV: 17-in., table mod., working cond., w/stand, \$25. MI 4-0776.

BIKES: boy's, 24-in., \$20; girl's, 20-in., \$15. MI 4-8049.

TAYLOR CAMPER: custom built, sleeps 4, stove w/oven, butane tank, ice box, mahog. & birch int., lights, 4 jacks, \$800. OL 4-2427.

WESTINGHOUSE REFRIG: 13 cu. ft., top freezer, \$250; lawn sweeper, \$9; fertilizer spreader, \$13; 2 gas mowers, \$6 & \$18. CH 6-6988.

MISC. FOR SALE

STUDENT VIOLIN: & case, excel. cond., \$75. MI 4-6074 aft. 4.

ROCKING CHAIR: \$10. MI 4-8553.

WASH/DRY COMB: '62 Westinghouse, yellow, \$85. Don, ext. 285 S or ME 9-4383.

AUTO. DISHWASHER: Ling-Temco, counter top, \$100. MI 4-1433.

STOKER COAL: ½ ton, neatly packaged for easy hauling, Al, ext. 220 S.

ELECTRIC RANGE: Hotpoint, gd. cond., \$15. EL 7-3571.

FIR WOOD: gd., clean, chopped to suit your fp size, \$12.50 per ¼ cord, delivered. MI 4-0577.

HOTPOINT ELEC. RANGE: gd. cond., \$15. EL 7-3571.

DINETTE SET: white, w/3 chairs, only \$8. Ed Lee, ext. 7634 or 636-8171 eves.

TIRE CHAINS: 590x13, set, \$7. Ron Nelson, MI 4-1279.

HAIR DRYER: new, roll-away Schick Le Salon, prof. or home use, 4 control, quiet, fully adjust., \$40. PR 1-0824.

REFRIGERATOR: used, gd. cond., \$25. MI 6-2454.

SILVERTONE TV: 17-in. port., \$25. MI 4-1945.

HORSE TRAILER: dble., gd. cond., single axle, \$200. Linda Clark, days.

WESTINGHOUSE STOVE: used, 40-in., gd. cond., \$65; 3 Kittens as bonus to buyer. Gene, ext. 212 S.

PIANO BENCH: new, very sturdy, \$25. ME 9-3951.

'63 **RCA SURFACE UNIT:** 24-in. oven, new, fac. war., cheap; 65,000 BTU-Tempco dual gas wall furn., comp., \$75. CH 6-1867 eves.

BOAT & TRAILER: 14-ft., \$215. MI 6-4368.

TRAILER HOUSE: 15-ft., clean, excel. cond., \$695. Ext. 7795 or MI 4-8365.

BARBIE CLOTHES: 10 outfits, \$7, on order. CA 8-1564.

OUTBOARD MOTOR: 7½ hp Elgin, w/external gas tank, \$65. Ext. 292 S or ME 9-3074.

RCA TAPE RECORDER: used once, \$129 new, sell \$70; lge. chest of drawers, blonde, like new, \$20. MI 8-5425.

HIGH CHAIR: makes into a play table, \$10. Irvin Fried, ext. 7530.

RIDES WANTED

TUES. & THURS. EVES: to Portland State college, 7:30 class, from Beaverton, Ron, ext. 7514.

FROM SE 35: betw. Lincoln & Hawthorne, to bldg. 39, 7-3:30 shift. Melva Cline, 235-2867 aft. 4.

FROM SE 13 & BURNSIDE: eves., 4-12:30. Edith Waterman, ext. 7698.

WANTED

FIREPLACE WOOD: MI 4-5519.

BABYSITTER: depend., my home, swing shift hrs. 292-2927 days.

BABYSITTER: for 2 children in SE Port. home, 6-4. 234-9417.

OUTPUT TRANSFORMER: 6600 ohm plate-to-plate, w/screen taps, 30 watts or better. Dick Moore, page or MI 4-5646.

TRANSMITTING TUBES: 811A's, will trade or buy. Don Tucker, ext. 442 or MI 6-1765.

CORNET OR TRUMPET: prefer King Silver Bell. Clai Hill, ext. 241 S or BU 5-1733.

OLD MODEL AIRPLANES: eng. ignition or glow plug or any parts. Don Mercer, ext. 397 S or MI 8-5834.

UKELELE LESSONS: for beginner. Warren Anderson, page 7301.

HOUSES FOR SALE

2-3 BDRM: oil heat, city water, small barn & chicken house, ¾-A, Christmas trees, \$8700. EL 7-9587.

3-BDRM: 1½ bath, forced air heat, \$14,600, small dn., 250 SW 143 st. Ext. 7698 or CH 6-2492.

3-BDRM: Raleigh Hills, 1700 sq. ft., 2 bath, lge. fam. rm. w/fp, w/w carpet & fp in liv. rm., dble. gar., \$23,500. CH 6-4473.

5-BDRM: 3 baths, 3 fp, pty. rm., 1-A, Tigard area, sell for FHA appraisal, 1 yr. old. ME 9-4446.

3-BDRM: fam. rm., cov. patio, fenced, comp. appli., 4½% FHA, \$17,500, bal. \$9800, \$105 mo. MI 4-7957.

3-BDRM: ranch house, 1-A, 2 blks to Buxton school, stores, \$9000. Bill Askim, Buxton, Ore.

3-BDRM: lge. liv. rm., beam ceiling, din., beaut. l'scaped, fenced, gar., nr. Tek, storm wind., 4½% FHA \$13,000. MI 4-0434.

3-BDRM: nr. Sunset schools, \$10,750; no dn. pymt., \$85 mo. MI 4-1363.

3-BDRM: Beav. hi, Vose, w/w carp., floor to ceil. fp, d/w & disp., range, w/d, enlarged patio, fenced bk. yd., \$14,000. MI 4-1090.

5-BDRM: shop, 3 fp, party rm., patio, country setting, fine for lge. fam., \$20,500. Ext. 355 or MI 4-5112.

3-BDRM: 'mod., elec. heat, cov. patio, new 25x30-ft. metal shop, 1-A, \$12,500. MI 4-8574.

2-BDRM: bsmt. on sewer, approx. 1-A, fruit trees, West Slope area, \$11,500. MI 4-7872.

RENTALS

3-BDRM: unfurn. apt., newly dec., fp, range & refrig., priv. w/d, drapes, patio w/fp, no pets, \$120 lease. MI 4-1306.

2-BDRM: duplex, new, Denny road, unfurn., range & refrig., w/d, w/w carp., liv. rm., patio, \$125. MI 4-7061 aft. 5.

1-BDRM: apt., furn. or unfurn., Beav., adults, min. \$80. CH 4-3744.

2-BDRM: apts., unfurn., except appli., Tigard, \$100. Marguerite Huffman, ext. 672.

2-BDRM: house, 170th & Baseline, \$70 mo., 1 yr. lease. MI 4-7303.

1-2-BDRM: apts., Raleigh Hills, built-in appli., w/d, patio, pool, children & pets okay, Tahitian Terrace, begin at \$130. CY 2-5100.

SKI CABIN: Gov. Camp, furn. for 8 to 10, rm. for many sleeping bags, \$25 per week. Fred Nickel, ext. 374 S or 292-3928.

DUCK LAKE: 10-A, w/cabin, 4 blinds, price subject to negotiation. Mr. Gorter at Scholls, KE 9-3234.

CHILD CARE AVAILABLE

CHILD CARE: my home, anytime, 16205 SW Walker rd. MI 6-2264.

INFANTS OR TODDLERS: my home, hot lunches, fenced yd., 1 mi. east Tek, 1 blk. off Sunset hwy. 292-6212.

TODDLERS & UP: by the hour or by the day, my home, 965 SE Clifford, Beav. MI 4-3576.

EXPERIENCED MOTHER: my home, by day, week or month, 2525 21st ave, Forest Grove. EL 7-2774.

HILLSBORO AREA: my home, 1355 E. 18. MI 8-6477.

BABYSIT: day or night, close to Tek. Martha, MI 4-4086.

CHRISTMAS SHOPPING: appointments, luncheons, care for your children by hour; stories, meals & naps, play area. MI 6-2978.

PRE-SCHOOL: training & child care, by hour in my Milwaukie home. OL 4-4578.

HILLSBORO AREA: permanent, days. MI 8-4649.

1 OR 2 CHILDREN: as company for 2 yr. old, my home. MI 6-3797.

Tim-m-ber-r-r!

Pine trees no longer grace IO bldg. landscaping

The two large pine trees near the IO bldg. (pictured in a "pruning feature" in the August 9, 1963 issue of Tekweek) are now probably crackling away in some home-owner's fireplace.

The stately trees welcomed their last bird to roost, and shed their final needles on Halloween morning; that afternoon they were cut down.

In August they were ailing; in October they'd seen their better days. Earlier this year when it was apparent that the trees were not too healthy, Pat Ryan of Pat Ryan's Chemical Spray Service was consulted to diagnose the situation. Pat to be more certain of his diagnosis, invited George Mock (perhaps the Pacific Northwest's largest and most outstanding spray applicator) down from Seattle for his opinion.

More collaboration. Pat also was instrumental in getting Dr. Lain MacSwan (Plant Pathology specialist), Dr. Robert Every (head Extension entomologist) and Dr. Jensen (mematologist)—all from OSU—to visit Tektronix to view the patients, er . . . a . . . trees.

Dr. Rudinsky, a specialist in the application of systemic chemicals

Keglers keep rollin' on

Results of the November 5 session of Tek Bugs bowling showed Roger Tippett (587) and Marge Livermore (493) with high series. Other Tek Bug mentionables:

Near triplicates: Lois Lockwood 116, 123, 116; Carol Bozanich 126, 128, 126. 200 club: Tim Harnett 202, Roger Tippett 225, Bob Pickett 211, Don Sheridan 216 and Bob Lidfors 204.

Scopettes high series player last week was Darlene Samuelson with her 505; she also had high game of 214. Flip Nedrow chalked up a 501 series.

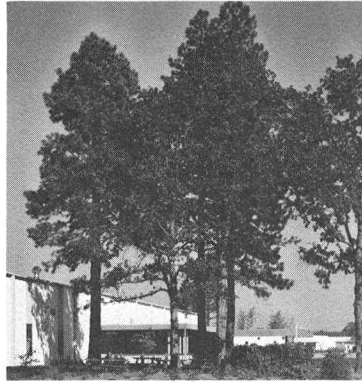
These Scopettes missed triplicates: Helen Thome 175, 134, 134; Ruby Carter 148, 152, 148; Irma Potter 117, 125, 117. Kay Bartmess ended up with a backward stairstep: 167, 157, 147. Peggy David picked up the 3-7-10 split.

SPAR plans reunion

Tektronix women who have served in the US Coast Guard SPARS or who know of persons who have been members are asked to contact Kathy Smith (Shipping), ext. 637 or MI 4-4708 evenings. Kathy is interested in organizing a local SPAR anniversary party on November 23.

Fotobugs to see slides

Two colored-slide shows await Tek Fotobug members at their regular meeting Monday, 7 p.m. at Plant 3 conference room. Max Messmer, Inst. Eng. Model shop, will show slides on "100 Miles Down the Deschutes by Raft" and "Wild Area of Glacier Park." Guests are invited.



BEETLES DIDN'T GET BLAMED for the death of two pine trees near the IO Bldg. on Millikan way. Trees were cut down after the Grounds Maintenance coroner announced there was "no hope" for the big, beautiful shade trees.

at Oregon State, was consulted; so was Chet Schink of Tek's Manufacturing analytical lab. Dr. Rudinsky (unable to visit Tek property) felt that Western Pine Bark beetles were **not** the root (heh, heh) of the problem and advised against the application of systemic chemicals.

Tests of soil samples taken by these specialists revealed no harmful soil-born insects and no soil nutrient deficiency (tired sap). Everyone who had been consulted felt that the problem was brought about by an environmental change to which the trees were unable to adjust—namely, lack of moisture, restricted air passages, destruction of natural drainage channels, etc.

A look at an aerial photograph of Tektronix Park, taken before any land clearing for buildings



had taken place, shows a heavy undergrowth in the Millikan way area. When this area was cleared of undergrowth it was also re-graded to conform with Tektronix' expected building needs. The clearing of the brush destroyed natural moisture retention spots near the ground and the re-grading process destroyed all natural drainage channels which left wet, poorly-drained areas. Heavy equipment, used to clear the land and construct buildings, helped to compact the soil around

Calendar

Thanksgiving Day—Thursday, November 28; paid holiday for Tek employees.
Paid shutdown day—Friday, November 29.

Flag football sashes away . . kerchoo!

TEK FLAG FOOTBALL LEAGUE

Eighth Week Standings

	W	L	PF	PA	Pct	GB
Wolverines (Whse. 70)	6	0	117	37	1.000	...
Stompers (Whse. 71)	4	2	147	98	.667	2
Alchemists (Electrochem)	3	3	149	118	.500	3
Thunderbolts (Plant 3)	2	5	11	138	.286	4½
Falcons (Finals)	1	6	57	190	.143	5½

LAST WEEK'S RESULTS

Wolverines 20, Falcons 0 (make-up)
Alchemists 40, Falcons 6
Wolverines 25, Thunderbolts 12

NEXT WEEK'S GAMES

Thursday: Stompers vs. Alchemists
Tuesday: Wolverines vs. Falcons
Bye: Thunderbolts

By ED DAVIS

It was a miserable Monday make-up game for the faltering Falcons, who had their wings clipped again, this time by the whammy-wielding-Wolverines. This was the second shut-out in a row both teams have been in-

involved in — Wolverines, twice victors; Falcons, twice victims.

This game saw the Falcon's talons unsheathed, but to no avail. They had two scoring threats subdued — once by an intercepted pass near the Wolverine goal line, and the other a TD pass which was received past the end zone.

Dick Stein scored all three TD's for the Warehousemen—two on passes from Dick Place, one on an over 90-yard runback of an intercepted pass. Dick Zschoche threw two PAT's one to Don Craig and one to Arlen Madsen.

Tuesday the falling Falcons assured themselves of a finish in the cellar by losing their fifth consecutive game, this one to the Alchemists. The Alchemists' 40 points was the largest offensive output for an individual team, thus far. However, our fruitlessly fluttering Falcon friends finally found the opposition's goal line. Doyce Brown pounced on a loose ball in the Alchemists' end zone for six points.

Alchemists' scoring was as follows: Marsh threw three TD's

the roots of these trees, thus restricting necessary free air passage in the soil.

And that, says Don Postlewaite, Grounds Maintenance manager, is why the logging operation took place on Millikan way on Halloween Day.

Some "chips off the old block" will be planted to replace the "extracted" pine trees, Don reports. He's saved some seedlings born from the old trees.

And that's the saga of the Millikan Pines . . . "all the king's horses and all the king's men, couldn't put Humpty together again . . ."

Tek Ice Hockey club plans weekly workout

Skating season is here and the Tek Ice Hockey club is reconvening for its weekly hockey sessions on Memorial coliseum ice.

About 30 employees are now active in Hockey club activities, and all employees who enjoy ice skating are welcome to participate. Only qualification is interest; skaters must have their own skates and hockey stick, but these may be purchased from the club.

Cost is \$1.50 per 1½-hour session. The club members are not competing with other teams, but playing among themselves "just for fun." International rules (no bashing, beating or bloodshed).

Employees interested in attending the next meeting should meet on the coliseum ice at 9 p.m. next Thursday. Additional details may be obtained from Bert Hippe or Larry Hitchcock at ext. 7483.

and one PAT to Mike Hand; one TD and one PAT to Chuck Stoop; one PAT to Bruce Wong; Stoop ran for one TD; Marsh ran one TD and one PAT.

This offensive outburst pushed the Alchemists into the league point production lead by two points.

The low-slung, foot-steady Wolverines slogged to their sixth consecutive victory Thursday and halted the Thunderbolts' two-game winning streak in the process.

'Bolt scoring was confined to two TD romps—one by Bill Hardin and one by Roy Eckelman. Of the 37 points scored against the Wolverines this year, 19 of them have been scored by the Thunderbolts.

Dick O'Brien drew first blood for the Warehousemen by returning a kickoff nearly the length of the field for a TD. He also ran another TD, was on the scoring end of a Dalesky to Zschoche pass-lateral play, and caught a Dalesky pass for a PAT. Delano also threw a TD to Dick Zschoche.