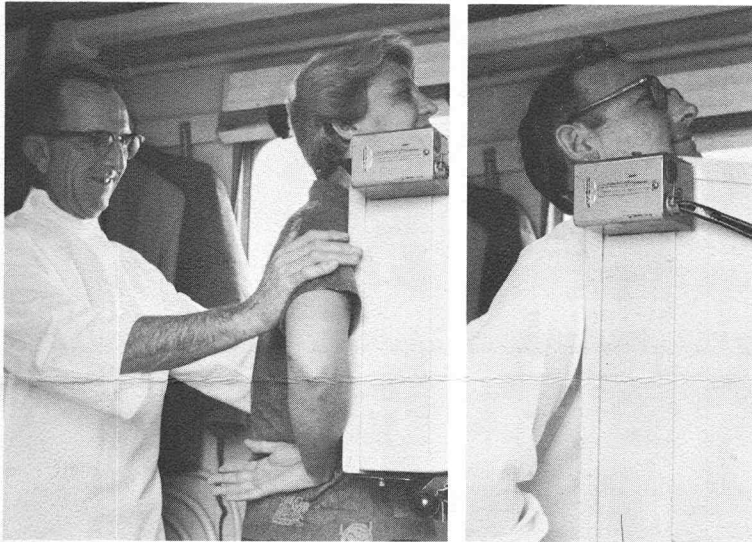


Teks get their 'pictures' taken



HANDS ON HIPS, CHEST OUT, take a deep breath—now hold it! These instructions were given to Tek employees this week as they had chest X-rays in the mobile unit. Lorena Fox (left) of Coils is positioned by an X-ray technician; Dick Owen (Data Processing) appears to be chinning himself on the X-ray apparatus.

Two Engineering functions combined under new title

Display Devices Development is the name of the Engineering department managed by Norm Winningstad. CRT Engineering and Future Products Engineering were combined to form the department under this new title.

Norm explained in a Newsletter this week that the organization of Display Devices Development will evolve through two and possibly three stages.

The initial stage is intended to provide a "getting acquainted" process for both Norm and members of the two original groups. Once this has been achieved, the reporting structure will be defined to permit a more manageable operation. A third stage may be necessary upon completion of the proposed Technical Center (see Tekweek, October 18, 1963), or as engineering or corporate objectives are more completely defined.

Initially, the following man-

agers and project engineers will report directly to Norm:

1) Roy Record will serve as a communications link with CRT Manufacturing and remains at his present location (46/575). He will continue to have Dick Trythall's Tube Lab and Jack Schaller's Drafting group reporting to him. He'll also serve as a member of Norm's staff.

2) Bob Anderson, Chuck Gibson and Ernst Massey will continue as project managers and report to Norm. Employees reporting to them remain the same.

3) Egon Ellsner and the CRT Design group will move to the Sunset plant as soon as space arrangements are completed. Egon reports to Norm.

4) The Process Development Lab, under the direction of Orv Olson, will remain in its present location in Bldg. 46, with Orv reporting directly to Norm.

5) Bill Brown and Lee Crowell will continue to manage Vacuum Techniques and Mechanical Design respectively. They remain at Sunset and report to Norm.

6) Carlo Infante, from Instrument Design, will join Display Devices Development to organize the electronic support necessary for DDD projects and reports to Norm. In addition to the above responsibilities, Carlo will provide assistance to the Electron Physics Research department until this support is available within its own area.

TRANSFER INFO AVAILABLE

Details on the proper procedure to transfer Tektronix shares without going through a broker which were published in the October 4 Tekweek have been reprinted for handy reference. Copies are found in the reading racks.

CRT Manufacturing Engineering reorganizes into five operations

CRT Manufacturing Engineering, formerly CRT Production Engineering, has been reorganized into five groups, according to Bob Guthrie, CRT Manufacturing manager.

Production Engineering is responsible for monitoring performance of production tubes, coordinating transfer of new tubes from Display Devices Development to production, mechanical aspects of CRT manufacturing, electrical characteristics and test specifications. Mel Balsiger heads the group; Jim Averill, Lou Bride, John Hutcheon, Bela Kirchberger and Jack Neff report to him.

Process Engineering is headed by John Mephum, who transferred from Engineering. This group is responsible for control of all chemical processes used in CRT manufacturing, evaluation of new chemical processes from the Process Development lab and coordination of the transfer of these processes to production. Production engineers reporting to John are Roger Bateman, Gary Gleason, George Koutures and John Liedtke.

Evaluation and Quality Assurance, managed by John Whitesides; Quality Control, Bill Bonney, manager; and Modifications and Data Collection, Roy Harden, coordinator, continue as before.

Bob also announced formation

of the CRT Gun Fabrication department, directed by Clyde Adams. This group includes CRT Gun Assembly and Parts Preparation.

John Byerly, former manager of Gun Assembly, has been appointed manager of the Finishing department, replacing Walt Luckenbach, who has resigned to go in business for himself.

Bulb Preparation will continue under the direction of Vern Howe.

These changes were effective Wednesday.

New assembly area lot accommodates 115 cars

A new parking lot near Building 47, being built to handle approximately 115 cars, is due to be completed today (weather permitting), reports Carl Jonasson (Facilities Engineering manager).

The lot is to provide parking space for employees in the assembly buildings who are now parking on Karl Braun drive.

It was designed in a manner to enhance the appearance of landscaping around the proposed Services building. Water lines and sewer lines have been extended across the road; eventually the lines will serve the new building, Carl said.

Lecturer visits Tek

Dr. Fred G. Allen, Tektronix Foundation-sponsored lecturer, visited the Electron Physics Research area Thursday, October 24.

Dr. Allen is on the technical staff at Bell Telephone Laboratories at Murray Hill, N.J. He spoke last Thursday and Friday at Reed college. The lecture was entitled "Surface State and Energy Band Information from Photoelectric Emission of Semiconductors."

REMINDER!

Group III's blood drawing is scheduled for bldg. 19 cafeteria from 1 to 6 p.m. today. Employees from all areas may donate. Tek is 636 pints below quota and this is last drawing of the year. **IF YOU CAN — PLEASE DONATE TODAY!**

UGN blue ribbon presented to Tek

Yesterday at a report luncheon at the Multnomah hotel Esther Miner, group representative coordinating chairman, accepted a garland of blue ribbons for 39 operating departments of Tektronix which achieved 85 per cent or more UGN full-share giving.

Bill Webber (vice-president) accepted an award for Tektronix, Inc. for its 83 per cent participation of 4377 employees. The award names Tek a "Blue Ribbon" company.

In the UGN tabulation story in week's Tekweek, the wrong word was used to denote Tek contributors (both in the headline and in the text of the story). The word "donee" means the recipient of a gift, not the giver of a gift. The word "donor" should have been used.

Proposed north-south expressway to cut through Beaverton-Tek area

LETTERS . . . to the Editor



The first of 12 to 15 contracts for the proposed north-south expressway will be awarded within the year, announced Forrest Cooper, State Highway engineer.

Completion of the \$10 million-project is expected in six to eight years, he said. They are, at present, purchasing right-of-way and moving buildings off the right-of-way.

The map is *not absolute*; several expressway interchanges (like the one at Progress which is shown now as a grade crossing) are still under consideration. But the drawing will give employees an idea of what traffic improvements they can expect to see in the near future.

Information was obtained at a recent meeting of the Technical Advisory Committee of the Metropolitan Traffic Study. Carl Jonasson (Facilities Engineering manager) is a committee member representing Washington county.

EXPRESSWAY to be completed in six to eight years may alleviate some Tek industrial traffic problems.

To the Editor:

Can you explain the reason for the disgraceful; inexcusable condition of the Credit Union landscaping?

Chuck Sullivan
81-351

Chuck: In response to your note Dick Manning (Credit Union manager) sent Tekweek the following reply—

To say that a condition is inexcusable means that you have thoroughly checked and find that no reason exists for this condition.

There are several reasons why the Credit Union has nice green foliage (weeds) in its landscaping.

To begin with, the Credit Union building, land and landscaping are owned by the Credit Union members. The property was purchased from Tektronix and the building was constructed by members through authority given the board of directors by the members.

The land surrounding the Credit Union building is very fertile, particularly where weeds are concerned. It costs the members \$4

an hour to pull weeds, that is if you can find anyone who will do this menial work. I have personally come to work at 7:30 a.m. on numerous occasions for this purpose, but it is impossible to keep ahead of the growth.

It would be a very nice gesture if you could organize a work committee consisting of the owners (members) of the Credit Union building and property to help with this task. The only other solution is to hire a gardener.

Any suggestions?

Dick Manning
Credit Union

Job Postings

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

JR. PROFESSIONAL*: Man to work day shift for the Phosphor group of the Electron Physics Research department of Engineering (J.P. no. 3066). *Title will depend on academic background (that is: Jr. Engr., Jr. Physicist, Jr. Chemists, etc.)

FUNCTIONS: Perform experiments on problems concerning phosphors and storage films; make electrical tests and measurements on experimental devices and materials; assist in evaluating and reporting results; assist in planning and implementing assigned portions of developmental projects.

QUALIFICATIONS: BS in science, with at least a minor in chemistry; laboratory experience, including use of electronic instruments.

QA TECHNICIAN: Man to work day shift for the Quality Assurance department of the Materials Management Division of Manufacturing (J.P. no. 5121).

FUNCTIONS: Read and interpret Engineering, Manufacturing and vendor specifications and standards; write procedures incorporating the specifications and standards for the inspection of components, parts and materials; review and incorporate all changes or deviations from existing specifications or standards; study and recommend changes of inspection procedures. Attention to details.

QUALIFICATIONS: Familiarity with Tek electronic parts and their use in Tek instruments; experience with varied electrical and mechanical inspection measuring and testing equipment; knowledge of inspection testing procedures; technical writing ability; attention to details.

MESSENGER: Woman to work day shift for the Messenger Service of the Plant Supporting Services department of Central Staff Services (J.P. no. 3573).

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

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

TECHNICIAN: Man to work day shift in the Tube lab of the Display Devices Development department of Engineering (J.P. no. 5872).

FUNCTIONS: Assist in building display devices and in development of process techniques; set up and perform experiments and tests as directed by engineer.

QUALIFICATIONS: Two years' college, electrical engineering or science major, or equivalent experience; mechanical aptitudes; high level of interest in chemistry or general science.

TEK WEEK is published every week for Tektronix employees by the Communications department, 74/298, ext. 405, in cooperation with the Printing and Photography departments. Staff: Dick Koe, editorial manager; Carol VanderZanden, editor-writer; Jane Martin, staff writer; Charlotte Snethen, Trading Post; Graphic Arts group layout and pasteup.

Four receive service awards



OCTOBER TEN-YEAR EMPLOYEES received service awards for their tenth anniversaries of employment at Tek. They are (l. to r.) Lefty Vandehey (Stock Warehouse), Tommy Thompson (Accessories Design), Laura Lusk (Electron Physics Research) and Ernie Plapp (Printing).

BEEEP articles requested

Chuck Samuel (MSE) is on the publicity committee for the Portland section of IEEE, and has been asked to contribute monthly articles for BEEEP, the IEEE publication.

Chuck needs items on company activities such as papers, lectures, travel, production application, etc. Contact him at delivery station 47/208.

TEKS in the news

Bob Anderson and Larry Simpson of Display Devices Development, and Jean Delord and Tom Hutchins of Electron Physics attended the Electron Devices Symposium in Washington, D.C., yesterday and today.

Joe Floren (Communications manager) spoke to a class of graduate students in Library Science at University of Portland last night. He discussed problems and pressures of producing industrial publications.

Ron Vuylsteke and Bill Verhoef of Switch Design, who attended the National Electronics Conference in Chicago this week, plan to stay in the Chicago area for a few more days to visit the Grigsby Co., Inc., Oak Mfg. and Centralab. They'll be home Tuesday.

Calendar

Tek Fotobugs—regular meeting; Monday, November 4, Plant 3 conference room, 7 p.m.

Thanksgiving—November 28, paid holiday for Tek employees.

November 29—Paid shutdown day for Beaverton employees.

Blood drawing—Today, 1-6 p.m., Bldg. 19 cafeteria.

CARS FOR SALE

'46 CHEV: 2-dr., black w/Fenton head-ers, 2 spotlights, red & white seat covers, 5 w/w tires, Johnny Payne, swing.

'62 FORD: Fairlane 500, sports coupe, 14 seats, r/h. Ted Gray, CY 2-3 or MI 4-2959 aft. 6.

'58 SIMCA: Aronde, just o'hauled, 2 new tires, \$275. 775-1071 bef. 3.

VESPA GS: reconditioned, w/shield, \$195. MI 4-2288.

'59 RAMBLER: American, hydra., runs gd., radio, continental kit, w/w tires, best offer around, \$575. MI 6-1066.

'51 FORD: Victoria, runs okay, needs paint, \$60. Don Loos, MI 8-1890.

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

'55 CHEV: 2-dr. Bel Air, r/h, stand. shift, gd. tires, new motor, \$500. EL 7-3571.

'57 FORD: 2-dr., 6 cyl. stick, motor & trans. recently o'hauled, \$400. CH 6-3101.

'49 DODGE: pickup, 1/2-ton, V-8, 3-speed, new paint, gd. tires, \$395. MI 4-4890.

'50 INTERNATIONAL: pickup, gd. cond., \$295. ME 9-2412.

'50 JEEP: Willys wagon, 2 wheel dr., motor gd. shape, \$250. MI 4-3746.

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

'56 CHEV: 6 cyl. wagon, stick shift, gd. cond., \$595. Floyd, ext. 224 S or MI 4-7891.

'61 RAMBLER: American, wagon, r/h, od, w/w tires, w/shield washers, overhead valves, 6 eng., under 12,000 mi., \$1550. MI 4-7449.

'52 PONTIAC: 4-dr. hydra., r/h, gd. motor & tires, \$95. AL 3-9291.

'57 CHEV: excel. cond., new tires, brake lining & water pump, runs beaut., \$350. MI 4-4406.

WANTED

AUXILIARY POLICE OFFICERS: appl. now taken for fall classes, require., 21 yrs., Amer. citizen, no convictions. Cap. James A. Douglas, MI 4-7826.

GIRL'S BIKES: 2, cheap. Donna Harwood, ext. 253 or CY 2-2762.

GIRL'S BIKE: English, 26-in. ME 9-1476.

WALL HEATER: builtin, used. Elsie Newton, MI 6-1419.

KRUM-KAKE IRON: Beverly Holz-nagel, ext. 7697 or MI 4-7598.

OUTPUT TRANSFORMER: 6600 ohm p/r, w/screen taps; 30 watts or better. Dick Moore, MI 4-5646.

MATTRESS: single, gd. cond., reasonable price. Ext. 406 or MI 4-9003 aft. 5.

SNARE DRUM: for school boy's use. MI 4-5097.

'32 FORD FRAME: & coupe body parts. Teddy, ext. 7315.

TRASH BURNER STOVE: gd. cond. Nadine Grahn, ext. 447 or 331-2956.

6-YR CRIB: & matt., for grandma who babysits grandchildren. MI 4-4209.

CHILD CARE AVAILABLE

MY HOME: 2525 21 avenue, Forest Grove. EL 7-2774.

NORTHWEST BEAVERTON: 1 blk. w/ Melody Park, drop-ins welcome, b. nur, day or week, excel. child c. Mrs. Bauder MI 6-2978.

EXPERIENCED MOTHER: needs companion for 2 yr. old. CH 6-6686.

BABYSITTING: my home, Aloha area. MI 4-8628.

CEDAR HILLS MANOR: high school girl wishes babysitting. 292-1315.

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 included on "for sale" items and rentals.

MISC. FOR SALE

SNOW TIRES: & tubes, 2, 6.00 x 16, \$12.50 for both. 246-5223.

GIRL'S BIKE: \$15; chest, \$10; cof. & end tables, \$15; coat, \$25; duck decoys. MI 8-1827.

EASTMAN CAMERA: & projector, gd. cond., \$50. MI 8-6333.

8-FT BOAT: new, 56-in. beam, \$50. AL 3-5790.

END TABLES: 3 matched, walnut no-burn finish, \$3 ea. MI 4-8617.

MORROW TRANSMITTER: MB565, RVP260B, TV600A, low & hi voltage pwr. supplies, 5BR2 converter, make offer. 285-4401.

ROAD RACE SET: Eldon, w/extra track, used 15 hrs., sell for \$20. Ext. 7136.

30-30 MARLIN CARBINE: model 336 w/pad, sling & 100 rounds, \$100 value, \$60. 292-1879.

HAM GEAR: Gonsset G-66 & G-77 rcvr. & xmtr., \$200; Elmac AF-67, \$85; Morrow MB565, \$75; Morrow 6/12v pwr. supply, \$35. 234-9163 aft. 5.

HAM GEAR: Morrow MB565 xmtr., new in orig. carton, \$95. Paul, ext. 340 S or MI 4-8170.

JUKE BOX: & records, \$75; divan & chair, \$25; patio table, \$5. CH 4-4494.

OIL HEATER: small, like new, \$25. 244-9660.

22 RIFLE: S-4-4R, \$12. AL 2-4671.

'61 FORD ENGINE: 292, prof. rebuilt, comp. '54-56 Ford pwr. steer., will install either, make offer. Ext. 366 S or CH 6-1179.

DINING TABLE: & 6 chairs, buffet to match, \$35. MI 4-5531.

STEEL GUITAR: dble. neck, case & stand, \$75; Apex mangle, excel. cond., \$20. MI 4-8642.

FIREPLACE WOOD: lge. pickup load delivered, \$15; \$16 per cord u-haul. MI 4-8115 or MI 4-6321.

HOTPOINT REFRIG: \$25; Waterfall bdrm. set, \$75. 234-6719.

STEP TABLE: mahog. & lamp, \$15; lined full-length drapes, pr. for 86-in. wind., 2 pr. for 36-in. wind., \$25. OL 4-2090.

BOY'S BIKE: 26-in., gd. cond., new tires & tubes, \$20 or best offer. MI 4-3269.

NEW WALL TENT: 17x8x7 high, \$35. MI 8-3280.

FIREPLACE TOOLS: set, stand type, \$5. Rod, ext. 7735 or CH 6-3685.

TREATED HOLLY: orders to ship anywhere, or bulk & you package, any amount. Lloyd Austin, MI 6-2568.

EVINRUDE MOTOR: 25 hp, just like new, \$150. MI 6-1820 eves.

ST245 MONARCH STEREO: pre-amp, 22 1/2 watts per channel, '62, \$250 value, \$145. Ray Hare, ext. 7229.

30-30 WINCHESTER: lever action, gd. cond., sling, 1 1/2 ton shells, \$50. Ext. 471 or CH 6-3650.

BRONZETONE DINETTE: 7 pc. w/leaf, woodtone top, \$85; 2-pc. liv. rm. set w/2 lamp tables, \$25; rollaway bed w/matt., \$40. PR 4-3402.

BOOKCASE BED: blonde, dble., w/box springs, \$12.50. MI 8-2454.

TIRE CHAINS: 5.00x16 to 6.50x13 size, never used, trade for 6.70x15's in gd. cond. Kent, ext. 7353.

GE REFRIG: 10 yrs. old, 1 owner, family size, cross-top freezer, gd. cond., \$45. AL 3-4481.

BENDIX WASHER: auto., enclosed model, gd. cond., \$20; oak dresser, very well made, gd. mirror, \$15. Loyde, ext. 7241 or JE 8-3923.

ITHICA REPEATER: Featherlight, model 37 stand. grade, 12 gauge, 30-in. barrel, full choke, used once, \$75. AV 6-4743 aft. 4.

8-FT ALOHA CAMPER: w/sink, stove & icebox, \$795. Ext. 266 S or MI 4-6478, no Sat. calls.

PART SHEPHERD PUPPIES: 6 wks. old, \$5 ea. CH 4-2672.

FIREPLACE SET: comp. w/grate & wood carrier, solid brass, like new, \$75 or best offer. Dick Duggan, ext. 292 S.

RACKS FOR PICKUP: side & front, '63 Ford, 1/2-ton, bolt const., make reasonable offer. BE 4-2133 eves.

EMERGENCY SALE: must liquidate stock of puppies, half basset, half traveling salesman, assort. models, \$5. Ext. 7796 or 244-4298.

POLAROID 80A CAMERA: print copier, wink lite, flash gun, 3 rolls 3000 film, leather case, excel. cond., \$75. Ext. 217 or 292-1479.

TAPE RECORDER: Concertone, model 400, port., 2-speed, builtin radio, capstan drive, \$100. John, ext. 411.

ANIMAL CAGE: beaut. done in pine green, ideal for children's pets, will add beauty to any yard, \$20. Ext. 7694 or MI 4-0931.

HAM GEAR: Viking ranger, excel. cond., wired for P-to-talk, w/time sequence keyer, make offer. Don, ext. 442 or MI 6-1765.

SAM'S FOLDER FAKS: 100, \$100. MI 4-9530.

1 1/2-FT PRAM: w/oars, excel. cond., \$55. EL 7-2043.

TRAILER: 2-hp, single axle, tracks gd., \$200. Jack Holmes, 331-2944.

SHELTIE COLLIE PUPS: miniature, \$10 ea. Ron, ext. 356 or MI 4-8802 after 5.

TURQUOISE DRAPES: 1 pr., lined, dble. wdth for picture window, \$20. Sheri Hosea, page 7201.

2 WINDOWS: 3 panes ea., 23 1/2 x 53 1/2, eave drops, 2-24 ft., 2-19 ft., make offer. MI 8-1588.

SHETLAND GELDING: w/saddle & bridle, 5 yr. old pinto, \$150. Val Labsch, AL 6-2858.

SNARE DRUM: Trixon, chrome w/silver sparkle, heads almost new, stand, stubs, brushes incl., \$65. EL 7-6766.

BARBIE DOLL CLOTHES: custom made, \$1-\$5; also "Ken" clothes. ME 9-3557.

BISEL RUG CLEANER: \$8. Ext. 7234.

RENTALS

2-BDRM: West Slope, 8-unit brick, garden court, closets, gar., unfurn., \$115; furn., \$135. CH 4-3427.

2-BDRM: hse., couple w/1 child, 5 mi. south of Hillsboro, \$55. MI 8-3416.

2-BDRM: new apt., garden court, elec. heat, range & refrig., Tigard area, \$95. William Payne, CA 3-6237.

2-BDRM: duplex, \$85. MI 4-1604.

4-ROOM: hse., stove, w/d, drapes, gas or oil heat, \$85. MI 8-5383.

2-BDRM: unfurn. apt., w/w carp., refrig. & range, disp. & d/w, fp, nr. Barbur blvd., \$145. CH 4-2213 or MI 4-3298.

MOBILE HOME: '59 Jupiter, beaut. furn., 2-bdrm., 10x50, nat. gas, garb. disp., carpet, liv. rm., \$50 plus park rent. MI 8-4236.

2-BDRM: Hillsdale, 2 bath, brand new, beaut. view, roughed in bsmt., w/w carp., & drapes, \$250 lease. CH 4-8585.

2-BDRM: bsmt., Beav., \$75; dramatic house in country, adults preferred, \$150. MI 4-9643. No Sat. calls.

2-BDRM: apt., new, unfurn., w/w carp., drapes, Hotpoint appli., Knoll Terrace, Tigard, \$100. 284-4558 or ME 9-2575.

3-BDRM: hse., West Slope, range & oven, d/w, \$150. Mrs. Brauer, AT 4-1148.

HOUSES FOR SALE

2-BDRM: fp, cov. patio, fenced yd., hdwd. flrs., immaculate, nr. 110th, \$11,950. Ext. 325 or MI 4-8996.

3-BDRM: carpets & drapes throughout, \$150 lease or lease opt. MI 4-4725.

4-BDRM: beaut. area, nice homes, 2 baths, all trimmings, leaving town, must sell, \$21,900. CH 6-2602.

3-BDRM: lge. fenced yd., nr. Sunset high, grade schools & Tek, \$10,775, min. dn. FHA, \$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., \$14,500. MI 4-1090.

4-BDRM: 1 1/2 story Cape Cod, 2 bath, lge. lot, close to Tek, \$16,000 open wknds, 14445 SW Talton. MI 4-7083.

3-BDRM: Ridgewood school, 2 bath, util., 15x18 fam. rm., patio, 2 fp, 80x100 lot, \$18,500. CY 2-2500.

3-BDRM: brand new, Orchard Hills, 2 bath, fp, builtin appli., dble. gar., \$17,000, lease or lease/opt. avail. Mr. Fraher, ME 9-4760.

3-BDRM: Hillsboro, new, high quality, fp, patio, 1 2/3 bath, builtins, lge. lot, \$15,900. MI 8-3889.

3-BDRM: lge. liv. rm., kitch w/dinette, util. rm., dble. gar., fenced bk. yd., \$16,500. 6549 SW 47 place. CH 4-4332.

3-BDRM: bargain, tile bath, fp, birch panel., nat. woodwork, sep. din. & util., lge. gar., cov. patio, \$13,250. MI 4-4259.

3-BDRM: Ridgewood, sep. playrm., 1 2/3 bath, inter-com & alarm systems, patio, carport, drapes, below FHA, \$16,000. Ext. 618 or CY 2-2915.

1-BDRM: nice home, fcb, w/pipe furnace, \$7900 w/\$400 dn., 2829 SW Spring Garden. CH 6-9035 or CH 4-5095.

MOBILE HOME: '59 Nashua, 1-bdrm., bath w/tub & shower, kitch. & liv. rm., \$1800. Ext. 7758 or ME 9-2935.

3-BDRM: 2 baths, sep. entry, carpet & drapes, d/w, range, panel. gar., fenced yd, \$14,950. MI 4-5525.

2-BDRM: lge. liv-din. rm., handy kitch & nook, forced air furn., util., attach gar., nr. Hillsboro schools, \$14,000. MI 8-1087.

OPERATING STUD MILL: \$1300. North Plains. Howard Purdy, 331-2219.

5-BDRM: shop, 3 fp, party rm., ideal fam. home, country setting, 3 mi. to Tek, \$20,500. Ext. 355 or MI 4-5112.

RIDES WANTED

FROM UNION AVENUE: any place betw. Broadway & Morrison st. bridges, to IO bldg., 8-4:30 shift. Helen Beffa, ext. 7657.

ACREAGE

106x188 VIEW LOT: close to schools, shop, Sunset hi dist., \$3600. CY 2-5458.

Yule candy discounted

Quantity discounts have been offered by two major candy manufacturers to Tektronix employees.

Candy may be ordered through Van Duyn Cedar Hills store for pre-holiday delivery or through Russell Stover candy company. Russell Stover goods will be on display at Torrey's day nursery on Jenkins rd. across from the assembly area, November 11-15.

Mail order blanks can be picked up at receptionists' desks. There will be no sales, displays or delivery of merchandise on Tektronix premises.

TEKLEEN, Tek's JA group, markets window cleaner



TEKLEEN, this year's Tek-sponsored Junior Achievement company, is assembling window-washing kits, shown by Dick Falk, JA management advisor.

By the middle of this month, the Tek-sponsored Junior Achievement company TEKLEEN will be in full swing, reports Dick Falk (Employee Relations), JA management advisor.

The TEKLEEN achievement group is comprised of 20 students from greater Portland area high schools. They produce a utility kit for auto, home and business. It includes a combination squeegee-ice scraper (5½" wide) and a bottle of special glass-cleaning solution. It sells for \$1.25.

The solution was developed and manufactured by Bob Jones of Bob's Chevron service station across from the airport on Cedar Hills Blvd.

Junior Achievers aspire to sell 1500 kits, Dick said. "It looks like a very fast-moving item; orders are pouring in already."

The students must silk-screen the mounting board upon which the product is placed, bottle and

label the solution, and attach the squeegee and plastic bottle to the mounting board. "The silk-screen process alone is a tremendous chore," Dick points out.

Harlow Loucks (Metal Finishing manager) visited the Junior Achievement center on NE Union ave. and helped the JA company set up its silk-screen process.

TEKLEEN's production hours are from 7 to 9 p.m. every Tues-

day evening, under the supervision of Dick and two other Tek employees: Norm Silver (Employment), sales advisor, and Al Hayes (Plant 2 Assembly) production advisor.

In addition to the door-to-door sales program, TEKLEEN utility kits are available at Bob's Chevron station or by calling the Junior Achievement center on Tuesday evenings, 236-2131.

Federal regulations:

Tektronix, Inc. share sales bring tax consequences

The following article is one of a continuing series on stocks and bonds published by Tekweek to familiarize Tektronix employees. It is devoted to federal and state taxes affecting the sale of Tektronix, Inc. shares. Part I below deals with federal laws; part II will deal with state regulations.

Shares of Tektronix, Inc. are capital assets. When sold, the gain or loss is subject to special tax rules, both federal and state. Federal laws or rules, furthermore, differ from Oregon regulations. Shareholders should be familiar with both of these laws.

To get a better understanding of the Federal laws, these terms are important:

Capital Asset—Common examples are shares of stock, bonds, real property. Lump sum Retirement Trust settlements also qualify.

Cost Basis—Your cost of the asset.

Gain—Generally the difference between the sale price and your cost after deducting selling costs.

Capital Gain or Loss—Gain or loss from sale of a capital asset.

Federal Long-Term Gain or Loss—Gain or loss from the sale of a capital asset owned more than six months.

Federal Short-Term Gain or Loss—Gain or loss from the sale of a capital asset owned six months or less.

Alternative Tax—Computing your capital gains tax by a flat rate of 50 per cent tax on 50 per cent of your net long-term gain (in effect a flat rate of 25 per cent on 100 per cent of the gain).

Federal tax law provides that any net long-term capital gains may be included as ordinary income on your tax return and taxed at ordinary rates. However, you only have to include 50 per cent of this capital gain as income. This provision in effect taxes long-term capital gains at half the ordinary tax rate. The other 50 per cent of your gain is not taxed at all. Most people would use this method in computing their taxes.

The alternative tax provision (see above definition) allows you to calculate tax on long-term gain by applying a fixed rate of 50 per cent on half the gain (an effective maximum rate of 25 per cent on the total gain). Thus a taxpayer being taxed on ordinary income rates in excess of 50 per cent would elect the alternative tax. The chart below shows when to use the alternative tax when filing a joint return.

All-short-term capital gains are taxed as ordinary income. None of the rates mentioned above apply on such gains.

Capital losses are deductible from your ordinary income up to \$1000 annually. If your loss is over \$1000, the excess is deductible in future years, but not more than \$1000 each year. If you are married, you may file separate returns and each deduct \$1000 but if you file jointly, you are only able to deduct the \$1000.

In a later issue we will explain the state (Oregon) tax consequences.

When to Use the Alternative Tax for Joint Returns

(1)	(2)	(1)	(2)
If Joint Ordinary Taxable Income is	Use Ordinary Tax for Net Long-Term Gain Up To—	If Joint Ordinary Taxable Income is	Use Ordinary Tax for Net Long-Term Gain Up To—
\$ 2	\$165,462	\$22,000	\$50,220
2,000	155,158	24,000	40,886
4,000	144,842	26,000	32,666
6,000	133,600	28,000	24,000
8,000	122,132	30,000	16,000
10,000	111,732	32,000	8,000
12,000	100,666	34,000	4,000
14,000	90,000	35,000	2,000
16,000	79,332	35,500	1,000
18,000	70,000	35,800	400
20,000	59,554	36,000 or over	0

Plant 3 Thunderbolts bop 'Birds' 15-6 for first win of the season

TEK FLAG FOOTBALL LEAGUE

Sixth Week Standings

	W	L	PF	PA	Pct	GB
Wolverines (Whse. 70)	4	0	72	25	1.000	...
Stompers (Whse. 71)	3	2	109	98	.600	1½
Alchemists (Electrochem)	2	2	96	80	.500	2
Falcons (Finals)	1	3	51	92	.250	3
Thunderbolts (Plant 3)	1	4	67	100	.200	3½

LAST WEEK'S RESULTS

Wolverines 19, Stompers 0
Thunderbolts 15, Falcons 6

NEXT WEEK'S GAMES

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

By ED DAVIS

The rain and mud didn't appear to hinder the Wolverines, as they chalked up the first shut-out of the season against their closest competitors, the Stompers, 19-0. This shut-out extended the top team's stubborn defensive record, which allowed the opposition an average of six points per game.

The Stompers couldn't seem to find their sea-legs in the mire as they only threatened once, that threat being nullified by a penalty. Both of 71's losses have been to their through-the-wall neighbors.

Wolverine scoring went like this: Delano Dalesky passed to Don Craig for No. 1; Delano to Dick Zschoche for No. 2; and an intercepted pass and runback by "Darting" Dick O'Brien, which he immediately followed by plunging over for a PAT.

Thursday afternoon a bevy of low-flying Falcons had their tailfeathers singed by an assorted group of Thunderbolts, 15-6.

Falcon Doyce Brown slipped and slid, unmolested, about 40

yards for his team's only score. By losing, the Falcons dropped to within one half game of the cellar where the current residents seem to be tiring of their tenure.

Thunderbolt Bill Hardin had a better game than last week—fewer pass completions. Two of his passes were for TDs, one to Jim Tennyson and one to Jerry Maxwell. Bill also ran for a PAT. "Growlin'" Gordy Douglas caught Falcon Bob Richardson, who had an intercepted pass in his own end zone, for a safety to add two points worth of icing to the Thunderbolt victory cake. The victory margin would have been wider, except that "Twinkletoes" Tennyson dropped two other TD passes.

Bowling averages climb

Lorraine Irwin set the pace last week for the women of Tek-Bugs bowling league with her 491 series. Bob Pickett had the honors for the men with his 571.

Sherm Bell broke up his near triplicate of 141, 141 the right way—with a 201. Other 200s: Bob Pickett 208; John Winkelman 203; Lorraine Irwin 209; Hal Krouth 211.

In Scopettes league Flip Nedrow wound up with high game (211) and high series (521). Ruby Giller rolled a 505 series.

Hoop league organizes

Tektronix employees, groups or departments that are interested in forming inter-departmental basketball teams this year are asked to attend an organizational meeting in the Warehouse lunchroom next Wednesday, November 5, at 4 p.m.

For additional information on the basketball league or the meeting, contact Tom Moore (Plant 3), page 7301.