

Tek's Accounts Receivable Work Switched to IBM 1410 Process

Credit manager Ken Knox announced last week that all Accounts Receivable are being processed through an IBM 1410 computer at Multnomah Data Processing Center, an independent contractor in downtown Portland.

The switch to the six-tape file computer (worth \$34-million) began January 5. Accounting period 208 closing data, period 209 daily bookkeeping and collection inquiries have been processed so far.

Ken told the reasons for the change-over:

'Ten Top Men' Award Given To Norm Silver



ONE OF OREGON'S ten most outstanding young men is Norm Silver (r.) of Tek's Employment Office. Bill Lowery (l.), Selection and Placement manager, offers his congratulations to Norm, who also received the Beaverton Jaycees' Distinguished Service award for 1962.

Norm Silver (Special Placement Interviewer, Employment) has been selected as one of the ten outstanding young men in the state. In Bend on February 9, three of these men will be honored as Oregon's most outstanding.

Forty persons throughout Oregon were nominated and selection of the ten was made by a panel of business and professional men at a Portland meeting, January 23.

The contest is sponsored by the First National Bank of Oregon and the Junior Chamber of Commerce. The three men who will receive the awards will be announced at the Bend meeting.

Norm is a member of the board of directors of the Epilepsy League (as a result of his efforts at Tek in hiring handicapped people) and is also president of Civitan International's Beaverton chapter.

On Saturday, the Junior Chamber of Commerce in Beaverton honored Norm at a banquet at the Rose Star restaurant by presenting him with the Jaycee Distinguished Service award for 1962. Larry Dineen, last year's DSA winner, presented the plaque "in recognition of his outstanding success in placing handicapped people in positions at Tektronix."

(1) It is a more accurate system which supplies more information and analysis; (2) it takes less time, doing all posting within five or six hours; and (3) the information it supplies is far more "sophisticated" and could be termed "by-product data."

Plans to put Accounts Receivable through IBM's 1410 began about a year ago. Dale Tyson (Systems) and Ken coordinated the project. Jim Boogaard, Mel Boyer and Darrell Mock (all of Programs and Procedures) programmed the computers. Ken said that "those Data Processing boys deserve 18 dozen roses" for the help they gave, and that without them the switch "would not have been possible."

A point to be considered, Ken added, is that this new system cuts down cost. Roughly, it will give a 35-cent increase in profit share to each employee each year.

Feeding Accounts Receivable through the downtown 1410 means a once-a-week trip to Portland he said. Tektronix' Data Processing department is not able to accomplish the entire job with its present equipment. Eventually, Tek will have the facilities. Cash Receipts and Applications of Payments have been added to the Tek 1401 system which was installed last May.

Ken's Credit group has three main functions: (1) Approving customers' credit; (2) Accounts Receivable—keeping track of what customers owe us, and, with the assistance of field offices, adjusting claims of customers; and (3) Collections—obtaining and posting cash receipts and keeping back accounts.

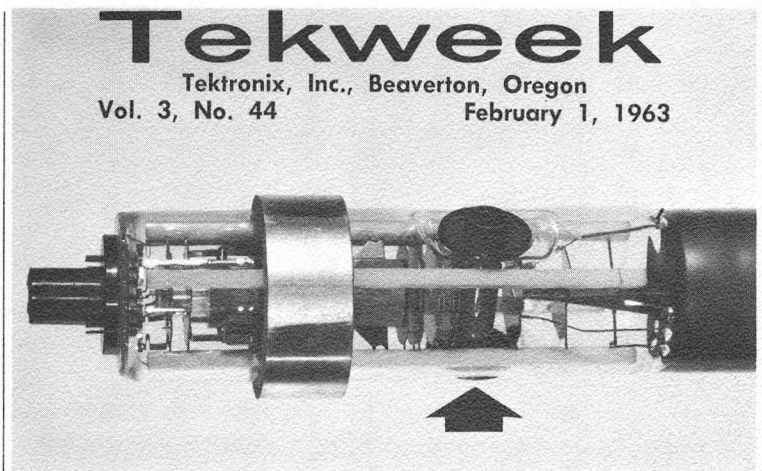
Teks in the News

Last Friday, John Lamb (Human Relations) attended a workshop in group psychotherapy, sponsored by the Oregon Psychological association, held at Dammasch hospital.

Derrol Pennington (CRT manager), Ken Spooner (Instrument Manufacturing manager) and Mel Balsiger (CRT Production Engineering) are attending the 15th annual Industrial Engineering Institute, today and tomorrow at University of California.

During the January 24 tour of Tek by Portland chapter of American Society of Chemical Engineers, Chet Schink (CRT Chemical Laboratory manager) talked to the group about chemical problems and processes at Tektronix.

Ladd Goodman (International Communications), Ray Stevens (F&M Staff), Fritz Neisser (International Consultant), Bill Banaka and Bill Bessey (both of Education & Training) attended the Fifth Annual Business Conference at the Benson hotel Jan-



STEM END of Tektronix' new T519C CRT shows an advanced vertical deflector which triples high frequency capabilities of the 519 oscilloscope. CRT, announced in February "Microwave," is offered with a modification kit for \$1500 on an approximate 90-day delivery.

Tek Accepts Orders in February For New T519C CRT Prototypes

In February Tektronix will take orders for prototypes of a new T519C CRT.

The new cathode-ray tube triples high frequency capabilities of the 519 oscilloscope. This Type 519 currently goes to 1 gigacycle (1000 mc), but the new T519C CRT will allow observation of 3 gigacycle signals. 519 oscilloscope now requires eight volts for one centimeter vertical deflection; the new tube requires 180 volts for the same vertical deflection. Yet this tube has a maximum sweep speed of one nanosecond per centimeter, which is twice as fast as the standard 519 CRT.

The T519C CRT has been in development stages for several years. A major obstacle was the development of a vacuum-tight

signal feedthrough for the vertical deflector (shown in photo). The design solution was a ceramic disc which has a very tiny (0.020-inch diameter) signal-carrying wire passing through it.

The February issue of "Microwave" magazine announces the new fast-rise CRT with a cover picture and descriptive article by Cal Hongel (Instrument Design), Larry Simpson and George Hashizume (both of CRT Design).

Tek's T519C CRT and a modification kit are offered for \$1500. After February 15, orders may be placed for prototype models, with an approximate 90-day delivery. Customers can also special order a 519 oscilloscope with the new tube already installed, for an additional \$500.

Dwayne Wolfe Heads IM Quality Assurance

Dwayne Wolfe assumed duties Monday as Instrument Manufacturing Quality Assurance manager, reporting to Ken Spooner.

Persons who now report to Dwayne are: Chick Furchner (Government Source Inspection), Herb Crawford (disposition of reject parts and material), Lee Crocker, Herb Webb, Art Arnold and Fred Schade.

FIREWOOD

Oak, ash, pine and fir logs at the southwest corner of the CRT parking lot are available to Tektronix employees—first come, first served.

No permit is required, according to Grounds Maintenance manager Don Postlewaite; a Tek ID card is enough if you are questioned by a security patrol officer.

Departmental News

Job Postings

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

Accessories, Days

Cake was served for the girls who have been on loan to us. Those who returned to their departments are: Bonnie Evans, Choeta Marsh and Dorothea Lloyd of Plant 3; Edna Hobbs and Ruth Warner Plant 1.

Bruce Brown (Accessories Test) is home from the hospital and improving.

Capacitors, Days

Iva Foster announced the birth of a granddaughter.

Norman Gust is new group manager for winders and solderers of Capacitors. Mike McHenry remains group manager of assembly and tube operations.

Louise Slobig brought treats on her first Tek anniversary.

Loretta Allen (Pots) and Betty Reifentath (Diodes) celebrated birthdays.

Carl Lukens, from CRT Mechanical Equipment, is now with the Capacitors Engineering department.

Building Service, Nite Owls

Lloyd Austin celebrated a January 10 birthday.

John Snook transferred from graveyard shift to swing.

August Dober landed a nine-pound steelhead from the Wilson river.

Bill Hall suffered a slipped disc in his back, and therefore slipped out of three days' work.

Plant 1, Planning

Marge Hauman's youngest son, Russ, joined the Corp of Army Engineers and left for Fort Ord last Friday.

Harriet Brabham, John Taylor, Fred Ulrich, Bill Kretchmer, Bob Keen and Dee Gardner enjoyed birthday cake last Thursday when we celebrated January birthdays.

Plant 2, Kit Prep & Cables

Beryl Hutchens celebrated her sixth Tek anniversary and treated us.

Evelyn Brown has a new grandson. Kay Eager, Elsie Newton, Betty Meek and Wanda Zimmerman celebrated January birthdays.

Kay Eager and Iolene Peterson are cross-training in Unit Wiring, while Dolly Lee and Pat McRobert are on loan to Short Line. We have Irene Dixon and Judie Landauer are in Cables.

Plant 2, Phil Mallery's Group

We welcome Elaine Regan to our group. Wedding cake was served for Nancy Spitzer January 23.

Electrochemical

Construction of our new Electrochemical building went into full swing last week, as carpenters began building forms for cement.

Our department bowling team vowed not to lose any more games.

New Tekweek reporter for Electrochemical is Chuck Obenhaus who took over for Wally Doeling.

Plant 1, Lowell Cook's Group

Mildred Hayes and Ruth Vermeulen transferred to day shift.

Irene Conrad is back at work from leave of absence.

Shop Shavings, Swing Shift

Bob Hamrick, from day shift Press area, joined us on swing; Clyde Feitush left us to work in Environmental Testing at the Sunset plant. We wish both Bob and Clyde success in their new jobs.

Bob Adams returned from Ceramics.

Plant 2, Mechanical-Wire Prep

Judy Halsey and Margaret Bustrum have been on loan to Plant 3.

Plant 1, Dale Stuck's Group

The group served cake to celebrate the January birthdays of Aase Rhodes, Clydine Stevens and Echo Larson.

Doris Swanson, Barbara Langlois and Hazel Maslen are on loan to us from Kit Prep.

Plant 2, The Solderettes

Goldie McIntyre and Ruth McEwen are on loan at the Sunset plant.

Plant 2, Friendship VII Swingers

Winnie Ninneman replaced Bernadean Martwick as group representative. Gerry Taylor is new social chairman and Teddie Cox is alternate. Elsie Larson left the group to work in Capacitors.

CRT Finishing

New to the Shipping area is Dick Smith who is on temporary transfer from Bldg. 39. Before he came to Tek seven months ago, he spent eight months in Alaska.

We congratulate Millie Kennedy who was chosen queen of the Beaverton Elks' Purple Bubble dance, January 19.

CRT Parts Prep

Vern Tupper was elected group representative at our last meeting; Arlene Miller is social chairman; Kay Bryant is reporter; and Margaret McAvoy is alternate.

Our sympathy to Cy Littlefield whose father passed away in Liberal, Kansas.

Elsie Green's daughter, Ramona, was chosen queen by the faculty at Pacific university in Forest Grove.

Linda Hallowell is on temporary loan to Bulb Prep.

Dixie Hieter is back at work after a tonsillectomy.

Plant 3, Marshall's Deputies

Ruth Sherman served treats on her second Tek anniversary. We also enjoyed a chicken smorg.

Plant 3, Fred's Switchers

Phyllis Carter moved to Honolulu, Hawaii, with her parents. She plans to attend University of Hawaii in the fall.

Kathy Young's husband, Doug, an Sp/4 in the Army, returned from a two-year tour of duty in Kaiserslautern, Germany. He'll be stationed at Ft. Leonard Wood, Missouri, for six months.

Our supervisor, Fred Herb, and his wife, Dolores, adopted a baby girl born January 20.

Mary Ethridge and Roxanne Kulju were borrowed by Production Research.

Some Employment office personnel have been in our group lately, learning more about wiring.

Plant 3, Eastside Gang

We had cake and coffee when Verna Lacey returned to work after illness. Lorraine (Dizzy) Loggins is back from three weeks sick leave; she treated us on her seventh Tek anniversary.

Kit Prep gained Evelyn Stanley; she transferred from swing shift.

Plant 1, John Stevens' Group

Lucile Peck's daughter, Wanda, was married to Bill Wilde in Forest Grove last Saturday.

Joan Shepard announced her engagement to Richard South, a member of the US Navy. Wedding is set for December.

Plant 1, Rickman's Relics

Betty Robb from Mechanical and Georgia Fields from Cables transferred to day shift. The group served snacks for them.

Birthday smorg-of-the-month was January 24. Dee Ohlsen and George Rickman had birthdays—both claim to be 29.

Plastic Pills, Days

Betty Lewis is in the hospital recovering from surgery.

Accessories, Swing

Charlotte Demke (7) and Herta Hickman (2) celebrated Tek anniversaries and treated the group.

The last of our girls on loan left—Tammy Hatcher and Marge Kuehn for Plant 2, and Sandy Grey to Plant 1.

Coils Goils

Regina Vanderzanden and Barbara Webb served treats when they marked their second Tek anniversaries. Geneva Gainer celebrated her fourth Tek anniversary.

Plant 2, Oscar's Awards

Diana Kelly went on leave of absence last Friday.

Arlene Reed is hospitalized with pneumonia.

Ceramics

Janice Klein is on sick leave. Our sympathy to Esther Reiss whose father passed away recently.

Plant 3, Forrest's Seedlings

Harv Rogers and Vi Goodman joined our group.

We enjoyed a chicken smorg during January.

Some of our gals are back from loan to Pilot Production.

Statistics

BORN:

To Cecil and Inez Brown (Resistors), a daughter, Teresa Renee, 6 lbs. 14 oz., January 21.

To Dick and Patty Pliska (Assembly, Plant 3; Assembly, Plant 1), a daughter, Teresa Lee, 5 lbs., January 12.

To William and Mickey Harris (Assembly, Plant 3), a daughter, Kandyce Lyn, 8 lbs. 6 oz., January 12.

To Pete and Jeanne Biehl (Plastics Engineering), a daughter, Laura Eileen, 6 lbs. 9 oz. January 20.

To Terry and Jan Brooks (CMI; Assembly, Plant 2), a daughter, Lea Ann, 7 lbs. 3 oz., January 15.

To Bill and Nancy Rogers (Ceramics), a daughter, Kristie Lee, 6 lbs., January 17.

To John and Jean Schmid (Test, Plant 1), a daughter, Vanessa Marie, 7 lbs. 11½ oz., January 20.

To Bill and Wilma Brown (Future Products Vacuum Techniques), a son, James, 7 lbs. 3 oz., January 15.

To Bud and Diane Deibele (Mechanical Inst. Design), a son, Curtis Dean, 7 lbs. 9 oz., January 11.

To Jerry and Corrine Denton (Unit Wiring, Plant 1; Finals, Plant 2), a daughter, Stephanie Cecilia, 7 lbs. 13 oz., January 15.

To Richard and Lois Soeller (MSE), a son, Martin Willard, 6 lbs. 12 oz., January 14.

MARRIED:

Carol Ann Hooker (Customer Service Inventory Control) and Marvin Lloyd Fox, January 26.

Marjorie Patrick (Messenger Service) and Lonnie Lembke (Transformers), January 19.

Nancy Spitzer (Assembly, Plant 2) and Clyde Snider, January 25.

Lonna Mangan (Assembly, Plant 1) and Robert Irwin, January 14.

Cleatha Moody (Unit Wiring, Plant 2) and Bill DeWitz, January 12.

Jean Vanderzanden (Printing) and Joe M. Hooker, January 19.

MATERIAL HANDLER: Man to work day shift for the Stock-Warehouse of Materials Management (J.P. no. 1491). **FUNCTIONS:** Load and unload trucks; store materials; issue materials; use pallet jacks, fork lifts, hand trucks and other allied equipment as required. **QUALIFICATIONS:** Warehouse or stock experience desirable; good physical condition; clerical aptitude.

ISSUING CLERK: Man to work day shift for the Stock-Warehouse of Materials Management (J.P. no. 1490).

FUNCTIONS: Fill requisitions for stock; fill allotment requests for stock; perform necessary clerical work; assist in other warehouse functions.

QUALIFICATIONS: Stock or warehouse experience helpful; clerical aptitude; physical stamina—must be able to stand for long periods.

JUNIOR BUYER: Man to work day shift for the Manufacturing Materials group of the Purchasing department of Materials Management (J. P. no. 2121).

FUNCTIONS: Assist buyer and, under his direction, negotiate with vendors; write orders; schedule deliveries; follow up and expedite orders; investigate and develop alternate source of supply.

QUALIFICATIONS: Ability to work with and remember numbers, to adapt to changing problems and procedures, to meet emergencies, to attend to details; fluency in written and oral expression; color vision; initiative; no physical limitations.

Calendar

Rock club field trip—9:30 tomorrow morning; meet on road out of Garibaldi on Tillamook side.

Rock club board meeting—7:30 Monday at Boots Kirby's, 900 S.W. Cedar Hills boulevard.

Bridge club—7:30 Wednesday in Building 45 cafeteria.

Basketball league—3 games Wednesday at Jesuit high school: 6:30, Shop-Plant 1; 7:45, Plant 2-Transformers; 9:00, Personnel-Plant 3. 2 games Thursday at Jesuit high school: 8:00, Sunset-Warehouse; 9:15, Plant 4-Research.

Valentine's Day—February 14.

Tekweek

TEK WEEK is published every Friday for Tektronix employees by the Communications department in cooperation with the Printing and Photography departments. Carol Day, editor-writer; Donn Beck, staff writer; Jane Martin, staff writer; Graphic Arts group, layout and paste-up. Del. station 74-298; extension 405.

WANTED

ART LESSONS: by qualified person, for 12-yr. old boy in Beav. area. Lucille, ext. 313 S.

SHARE HOME: lady, in widow's home, Cedar Hills close to Tek. Marie, ext. 7540.

3-BDRM: house or apt. to rent or lease, Beav. high dist. MI 4-3264.

35MM CAMERA: \$5 to \$25. Madeline, 7583 or EL 7-9073.

ICE SKATES: little boy's, size 3, single blade. Eleanor Archerd, B 3-3757.

PLAYPEN: 6-yr. crib and 2 old-fashioned piano stools. MI 4-9891.

HIDE-A-BED: used. MI 8-2896.

GIRL'S BIKE: lge. 621-3368.

MISC. FOR SALE

BLACK WINTER COAT: very gd. cond., size 11, \$20. MI 4-0809 eves.

TOOL POST GRINDER: Dumore, No. 11-011, \$75. PR 1-3941.

DISHWASHER: Mobilmaid, auto., stainless-steel tub, excel. cond., \$100. 234-7685 or MI 4-6467.

STUDY LAMP: adjustable-arm, like new, \$9; safe, "class E", over \$400 new, \$90; steam cleaner \$15. 777-2613.

DELUXE G.E. REFRIGERATOR: 2-dr., excel. cond., \$95; 2-oven Kelvinator range, \$65. 775-0500.

WESTINGHOUSE RANGE: 4 mos. old, immaculate, \$125. Pat, ext. 401.

PLAYPEN: \$10; 2-yr. crib, \$10; nursery rocking chair, \$2. Ralph, ext. 7291 or MI 4-2849.

CONSOLE SEWING MACHINE: "Domestic", swap for good portable. MI 4-8750.

WASHER-DRYER: '62 Whirlpool, used 7-mos., \$300, terms; Danish modern dinette, 6-chairs, \$100. Gary Pheil, ext. 7695 or MI 6-2932.

HOT-WATER TANK: National, 30-gal., like new, 30-day guarantee, \$20. MI 6-2332.

SHOT SHELL-LOADER: mech., \$30. Bud, ext. 7312 or JE 8-5234.

COINS: unc. 61P Lincolns, swap for 54P, 55S, 57P, 58P, 59P, 60P or 62P Lincolns. Dale, ext. 7358.

.22 CAL. CROSMAN: pellet gun, nearly new, \$15. 232-3464.

DACHSHUND PUP: male, AKC, champ bloodline, \$45. Dean, ext. 325 or MI 4-8996.

SPINET PIANO: w/bench, Wurlitzer limed oak, excel. cond., \$450. Ext. 607 or CY 2-3875 aft. 6.

BEDROOM SET: walnut dble. dresser, bed/bkcase, headboard, mirror, box springs & mattress, excel. cond., \$95. MI 4-8143.

BED: gd. cond., incl. pads, \$7.50. 16.

CAMPER: 8-ft., perf. cond., \$200; set overload springs for 1/2-ton pickup, \$20. Ray, ext. 407 or MI 4-4386.

ENGINE & TRANSMISSION: compl. '29 Model "A", excel. cond., \$75. Bob Mead, ext. 7168 or MI 8-5816.

HAM GEAR: Apache TX-1 trans., \$230; SB-10 Phasing side band gen., \$80; both wiring comparable to Tek's. John Bookout, ext. 7160 or BE 2-1419.

CLOTHES: size 12-16 skirts, capris, tops. \$3-7.50. Marcile (Linda) Clark, page. ext. 7401

STEER BEEF: young, grain-fed, white-face, 44 cents/lb., by half YU 5-3512.

CAMPING TRAILER: 16-ft., home-made, sleeps 4, \$250. Joe, MI 6-1223 aft. 4.

HAM GEAR: Navy LM-10 frequency gen., 12SKC to 20MC w/built-in modulator sep. P.S. incl. w/book, \$65. Richard Wood, ext. 7201, page.

BOGEN TURNTABLE: & cartridge Swiss-made, new \$102.50, sell for \$65. MI 6-2686.

BOLEX: 8 mm 3-lens turret, w/3 lenses, cases & access., \$195. Bob, ext. 3695 or CH 4-1714.

BEAR MAGNUM BOW: '62 model, 55-lb. pull 52 in., hunting bow, 7 mos. old, new \$64.95, will take \$50. Larry Berry, ext. 7398 or EL 7-3907.

HOTPOINT IRONER: deluxe, \$40. CH 4-9014.

JC HIGGINS SCOPE: 2 1/2 x w/mounts, \$17.50. Elmer Woods, ext. 7641 or MI 4-5801.

FRIGIDAIRE RANGE: 30-in., \$50. MI 8-5284.

MASTERPIECE .38 SPECIAL: Smith & Wesson combat, 2 belts & holsters, loading rod, ammo., \$50 Harry ext. 316, swing or OL 6-1302.

CAPEHART HI FI: used, table model, mah. finish, \$75. Joanne Edstrom, ext. 7152.

BENDIX WASHER: auto., \$25. MI 4-7408 aft. 4.

Trading Post

MISC. FOR SALE

SPECIAL: tooled Western saddle, w/ 15-in. quilted seat, \$95. MI 6-2835.

TIRES WITH RIMS: 4-670 x 15, like new, \$10 complete; '50 Chev. parts, make offer. Ext. 255 or MI 8-5684.

BOY'S BIKE: 24-in., good cond., could use paint, \$10. Marv Hatfield, EL 7-9615 or EL 7-2900.

ELECTRIC RANGE: 20-in., \$40. CY 2-4633.

VIOLIN AND CASE: reg. size, gd. cond. \$30. Marge Dauelsberg, ext. 672, swing.

MONARCH RANGE: coal & wood, enamel finish, gd. cond., \$30. CH 4-1090.

TRANSISTOR ELECTRONICS: by DeWitt & Rossoff, McGraw-Hill, \$7. Chuck, ext. 7141 or MI 4-0850.

HOT WATER HEATER: 66-gal., used 1 mo., \$50. Tony, ext. 7474 or OL 4-8863.

ZENITH HI FI: mah. console, plus 25 Lp records, \$125 or trade for small upright piano. MI 8-4993.

WOOD: ash & oak, will deliver, \$18 per cord. Don, ext. 7137.

PUPS: mixed German shorthair & English pointer, 4-mos., \$10. Ken Herb, ext. 7335 or EL 7-9181.

TYPEWRITERS: Royal elec., 21-in., \$150; Royal manual micro-elite, \$45. Edna, ext. 7225.

OFFICE EQUIPMENT: Allen hand adding machine, \$40; Speed-print mimeo, \$150; A.B. Dick photo-copy, \$150. Walt Durham, ext. 7220.

'54 WHIRLPOOL DRYER: gd. cond., \$50. JE 8-5214.

WASHING MACHINE: wringer type, runs gd., extra pump incl., \$5 or best offer. 228-0316.

VACATION TRAILER: custom-made, toilet, oil heat, beaut. inside, \$800. Terry, ext. 388.

PACKARD BELL TV: 21-in., console, '58 model, \$55. Dan Coy, ext. 7695 or 232-5590.

PARTS FOR DODGE: red-ram head assemblies for '53-54 Dodge, complete, \$20. MI 4-4596. bef. 3.

RENTALS

ROOMS: men only, pleasant bedrms., own bath & kitch. priv., home of older widow, \$50. CH 4-9101.

3-BDRM: red-ec. house, bsmt., gar., lge. yd. w/fruit trees, near S.W. 40th & Barbur Blvd., \$85. NE 6-4606.

SMALL HOUSE: Beav., furn., incl. TV, one or two girls, \$50 for one, \$55 for two. Ruth, MI 4-5437.

1-BDRM: new house, appl. furn., close to Tek, \$85. MI 4-8876.

2-BDRM: in Aloha, extra lge. yd. & garden spot, \$70. MI 4-6144.

2-BDRM: apt., priv. patio & yd., 3 min. to Beav. plant, pets allowed, \$115. 937 S.W. Farmington. MI 6-1387.

3-ROOM: furn. cottage, no children or pets, elec. heat, \$55. 636-5509.

4-BDRM: bsmt., dble. gar. oil furnace, part. furn., tile bath, no children or pets, \$80. MI 4-3216.

3-BDRM: house, fp, w/range & refrig., off Canyon rd in Beav., \$85. G. R. Hubble, MI 4-2600.

3-ROOM: furn. apt., incl. heat, hot-water, garb., \$87.50. Manager, 358 S.E. Tucker st., Beav.

2-BDRM: avail. Feb. 18. 7100 S.W. 81st, \$80. Don Mittle, CH 4-2509.

2-BDRM: all-ec., unfurn., near Beav. high school, \$85. MI 4-5713.

4-BDRM: modern home, dead-end street, avail. April 1, lease \$225. MI 4-9336.

1-BDRM: apt. in Beav., avail Feb. 1, \$75, all util. paid except elec. MI 4-5075.

RENTALS

1-ROOM: bachelor apt. for lady, \$50. On 139th & Farmington. Mrs. Mercer, MI 4-2086.

2 APTS: small, furn., \$45 & \$50. MI 4-6249.

1-BDRM: apt. in brick 4-plex, refrig. & range, priv. gar., bsmt., oil heat, adults no pets, \$95. BE 6-4060.

2-BDRM: duplex, hwd. floors, elec. heat, gar. & storage rm., adults only or w/baby, \$50 MI 8-4654.

2-ROOM: & bath, small house, suit. couple, furn., Sylvan, \$35. CA 7-4017.

HOUSES FOR SALE

3-BDRM: ranch style, close-in Beav., \$13,500. MI 4-6902.

3-BDRM: 2 baths, entry hall, dble. gar., patio, fenced yd., \$14,950-\$450 dn. or 4 1/2% GI. Ext. 7234, 7685 or MI 4-6467.

3-BDRM: din. & fam. rms., Ridgewood, 2 fp, dble. gar., storage, low equity, \$17,500. CY 2-4504.

MOBILE HOME: '60 Spacemaster, frontier kitch., provincial interior, 50 x 10, 2-bdrm., \$4,500. Jo Peters, ext. 7232.

3-BDRM: lge. back yd., patio, dishwasher & disposal, 1380 sq. ft., terms, \$15,800. MI 4-3581.

3-BDRM: din. rm., 1 2/3 baths, full-wall fp in fam. rm., dble. gar., wooded area, near Tigard, \$16,950. ME 9-5088.

4-BDRM: 2 baths, hobby rm., dble. gar., fp, hwd. flrs., ranch style, 1 acre, \$17,750. MI 4-8105.

3-BDRM: new, 2 baths, fam. rm., fp, dble. gar., \$21,500. 8970 S.W. Home-wood str. Don, ext. 219 or 292-3913.

3-BDRM: Bel-Air dist., 2 baths, fp, patio, lge. dble. gar. w/storage, take over GI loan or \$500 dn. FHA, \$14,500. MI 4-7749.

2-BDRM: lge., newly shingled & sided, dble. windows, rural area, \$9950. MI 4-6590.

3-BDRM: 1 2/3 bath, fp, att. dble. gar. patio, below FHA appraisal, \$14,000-\$250 dn. 959 S.E. 13th, Beav. MI 4-8525.

4-BDRM: lge. liv. & fam. rms., kitch., all brick, w/w carpet, 2 patios, carport, 4 acres, \$28,000. CH 4-4763 aft. 4.

3-BDRM: 2 baths, lge. fam. & din. rms., fp, built-ins, garb. disp., dble gar., \$17,900. 12840 S.W. Bowmont, Cedar Hills.

3-BDRM: contemp., hwd. flrs., fp, dishwasher, private patio, Cedar Hills, \$11,700. will consider offer. MI 4-5848.

FREE

FEMALE KITTENS: 2 gray-striped, 5 mos. Frank, ext. 7214.

MALE COCKER: good home, blonde, about 1 yr. old, likes children; 2 spayed calico female cats, 1 yr. old Ruth, ext. 7441.

GUINEA PIG: MI 4-0034.

RIDES AVAILABLE

FROM FOREST GROVE & HILLSBORO: to bldgs. 39 & 45, days. Virginia Brown, EL 7-6342.

RIDES WANTED

FROM PRINCESS ST: Bel Aire dist., to work, assembly area, 8 or 8:30 a.m. MI 4-4600.

FROM 1197 S.W. MENLO DR: betw. Allen ave. & Farmington rd. to Sunset plant, 8-4:30 shift. Gwen Whiteneck, ext. 214 S or MI 4-8340.

FROM S.E. 73RD & BROOKLYN: to bldg. 76, 7-3:30 shift. Howard Adams, ext. 447 or 774-2558.

CARS FOR SALE

'53 DODGE: engine gd., \$75; '40 Dodge 1/2-ton pickup, \$150. MI 8-4854.

'56 DKW: 2-dr. hdt., \$200. CH 4-5728 eves.

'52 OLDSMOBILE 88: hdt., dual range hydro., gd. sec. car, \$125 or make offer. Dee, ext. 270 S or MI 8-3461.

'37 INTERNATIONAL: 1/2-ton pickup, runs good, \$100 or best offer CH 6-1867.

'52 PLYMOUTH: 4-dr. w/'58 Dodge 6-cyl. motor, clean, gd. body & paint, \$150. MI 4-5579.

INDIAN MOTORCYCLE: 45 cu. in., W.W. II, shaft drive, runs good, lots extra parts, \$135. Wayne Arnson, ext. 527.

'55 FORD: 2-dr., Ford-o-matic, gd. tires, \$395. EL 7-9326 aft. 4.

'56 CHEVROLET: \$395. 2485 S.W. 192nd, Aloha. MI 4-9729.

'50 CHEVROLET: 2-dr., r/h, make offer. MI 4-3817.

'61 IMPALA: sports coupe, V-8 stick, r/h, white w/turquoise trim, \$2250 or make offer. MI 4-8642.

'34 FORD: Model B, 5-window coupe, minus eng., \$150. Garry Kersey, ext. 7695 or 234-2702.

'39 CHEVROLET: 4-dr., 92,000 mi., 3rd owner, gd. tires \$75. Bob EA 4-2152.

'29 DESOTO gd. cond., \$275. Linora, YU 5-3597.

'55 CHRYSLER WINDSOR: auto., r/h, pwr. steer., gd. shape, \$450 or make offer. Bob Keen, 232-0672 eves.

'62 FORD: convert., black w/red interior, excel. cond., pwr. steer., \$2800. Gordon Coulter, AL 3-8752.

'52 HUDSON: r/h, auto., excel. running cond., \$175. 292-3955.

'53 WILLYS JEEP: factory metal top, quick-change hubs, gd. cond., \$795. MI 4-7387.

'56 FORD: recent overhaul, 4-dr., r/h stick shift, \$600. Marty Smith, EL 7-2822.

'59 OLDSMOBILE: 4-dr., r/h, pwr. steer. & brakes, excel. cond., \$1595. Ruth Dorn, MI 4-2795.

'58 CHEVROLET BEL-AIR: 215 V-8 eng., auto., tip-top shape, \$1250. Betty, ext. 7696 or 223-9460.

'48 NASH: 4-dr., sharp body, rough motor, runs, \$65. Howard Neilson, CA 3-6896.

WILLYS STATIONWAGON: \$295. MI 8-5525.

'60 CHEVROLET PICKUP: 6-cyl., 4-speed, wide box, r/h, sportliner canopy, excel. cond., \$1400. Tom Luther, ext. 411 or PR 1-8920.

'60 COMET: deluxe, 4-dr., standard shift, blue, A-1, \$1295. MI 8-1936.

'55 CHEVROLET: V-8 stick, od, loaded w/extras, excel. cond., \$750. OL 9-2500.

'59 CHEVROLET BISCAYNE: 2-dr., pay off balance \$896. CY 2-1652.

'48 DODGE PANEL: 1-ton, walk-in, excel. cond., \$300. MI 4-8102 or MI 6-2280.

'52 CHEVROLET PICKUP: w/235 cu. in. factory short block, deluxe cab, r/h, 4-speed, heavy bumper, \$525. Al Krueger, ext. 463 or FE 1-2695.

'55 FORD: V-8 stick, customized, gd. cond., metallic gold, \$350. MI 4-8962 aft. 6.

CHILD CARE

CHRISTIAN HOME: 2 yrs. & up, close to Tek. MI 4-7666.

METZGER AREA: my home, 1 or 2 children, 6 mos. & up. 244-9035.

BABYSITTING: my home in Beav., weekdays. MI 8-3598.

RELIABLE MOTHER: weekdays & Sat., own home, near Bel Air shopping. MI 4-5061.

REFERENCES: rel. babysitter. Betty Howell, MI 4-7002.

MULTNOMAH AREA: my home, day, night, weekends, any age. Joy Berg, 9221 S.W. 43rd.

TEKEM Value and Resale Explained by Bill Webber

Recurrent questions about TEKEM were answered last Monday when Bill Webber (Tektronix vice-president and TEKEM director) spoke to John Stevens' Plant 1 Assembly group. Twenty-eight employees gathered in the Plant 1 conference room during their morning coffee break to hear Bill discuss questions they had previously submitted to him.

Most of the questions dealt with the value of TEKEM and the mechanics of reselling it. Among them were:

How is TEKEM value determined? Why does it go up when production is low?

TEKEM assets are capital shares of Tektronix, Inc. stock. As Tektronix, Inc. shares change in value, the TEKEM evaluation

committee (composed of Don Ellis, Howard Vollum and Bill Webber) examines the value of TEKEM shares and adjusts it accordingly. Tektronix, Inc. share value is based on a full year of operation. As a new accounting period is added to the year-long period, an accounting period is dropped from the year's operation (example: as a period ending in January 1963 is added, the corresponding period in 1962 is dropped). Tektronix, Inc. sales have increased yearly. Hence, even though the month we add shows a lower profit than nearby months, it is usually more profitable than the month it replaced. Very low or very high profit share periods do not seriously affect a year's profitability, because the company's shares are evaluated

for a full year rather than a shorter period of operation.

Does resale of TEKEM affect the share value?

Only slightly. Because the number of shares sold back is small and the number of outstanding TEKEM shares is large, resale has very little effect.

How and why is stock divided when it reaches a certain price?

It is split to give employees as many shares as possible. The 10-to-1 split a few years back is an example of the advantage to the employee. If share value was \$19.50 and the employee's profit share was only \$19, he received zero shares since we don't issue fractional shares. With the 10-to-1 split, each share was worth \$1.95; the employee received nine

shares, plus \$1.45 cash.

If an employee terminates and moves from the area, does the company let him know the value of his TEKEM?

Not automatically. When he needs the information he must write the transfer agent or contact an employee to obtain it.

Other questions pointed to the need for a will, to ensure that your beneficiaries receive your TEKEM in case of your death. Bill pointed out that, if an employee does not have a will, his TEKEM becomes part of his estate and is subject to the laws of the state in which he resides. He also explained that an employee's beneficiary can hold the TEKEM shares as long as he likes; however, if he decides to sell them, he must sell to TEKEM, Tektronix, Inc. or its subsidiaries.

One employee asked: Could we get all stock, instead of stock and money?

This question could also be stated: Could we get all money, and buy as much stock as we want? The answer to the restated question is "no". If we allowed this method of stock purchase we would have to register under the Securities Exchange Commission to solicit sales. By distributing stock (as a part of profit share) without giving the employee a choice, we avoid this requirement. The present arrangement (stock and money) is a compromise to satisfy the group that wants all stock and the group that wants all money.

When asked why TEKEM can't be put on a market just for employees, Bill answered: "If we did this, we would face many problems and we haven't yet been able to work out satisfactory solutions."

He also explained briefly the profit share plans for overseas operations. These operations (Tektronix International A.G., Tektronix Holland N.V., Tektronix Guernsey Ltd., Tektronix Canada Ltd.) receive profit share based on the conditions in the country of operation. Their profit share, like ours, is based on the profitability of the consolidated operation (Tektronix, Inc. and all subsidiaries combined).

Bob Seaberg Sends Message to All Tekes

Tektronix received greetings last Tuesday night from Quito, Ecuador.

Bob Seaberg, field engineer on leave from the Chicago field office, sent the following message on the short-wave broadcast "Party Line" originating with station HCJB, Quito:

"Also our greetings to a grand group of fellow employees at Tektronix, Inc. in Portland, Oregon. As many of you know, I was a field engineer for Tektronix in the Chicago office. I'm now working in radio and television here at HCJB on a leave of absence basis from Tektronix. We deeply appreciate their kindness in permitting us to do this. Perhaps if some of you listeners are acquainted with your local field engineer, tell him you heard us on here."

Bob is on "Party Line" the fourth Monday of each month. The program can be heard in the Portland area from 6-7 p.m. on short-wave bands 9.745 mc, 11.915 mc and 15.115 mc.

LOST BOOKS

Terry Bassett (Library) announces these materials are lost:

Direct and Alternating Current, Loew and Bergaeth, #2044.

Handbook of Engineering Materials, Miner and Seastone, #453.

"Radio-Electronics," volume 33, issue #6, June, 1962.

"IRE Transactions on Component Parts," September, 1962.

Any person who locates one of these is asked to call extension 388 or return the material to delivery station 28-030.

Bowling

Jan. 21-25

Two Tek Men's bowlers shared high series honors with 600's in the week's bowling: Ed Angell (Plant 3 Test Cabinetizing) and John Winkelman (MSE). Ed rolled 172, 200 and the 228 which earned him high game honors; John's games were 217, 158, 225.

Also in Tek Men's league, George Anderson (MSE) staircased January 16: 125, 126, 127. Dave Andresen (Plant 1 Stock manager) rolled a staircase series the following week: 144, 145, 146.

Other league results were:

Tek Bugs: Lorraine Stewart 199, 561. Chuck Stoop (Ceramics) 224, 220, 214: 658.

Scopettes: Kay Bartmess (Capacitors Pilot Production) 198; Jennie Herb (Component Selection) 519. Peggy David (Plant 3 Assembly) picked up the 3-7-10 split.

Tek Late Winter Mixed: Erleen Miller (Plant 3 Assembly) 174; 405. Bob Tracy (Plant 3 Test GM) 244, 576.

Tek Women's: Helen Huff (Plant 1 Assembly) 178; Judy Hazel (Plant 1 Assembly) 455.

Railroaders Exhibit

A Sunset Model Railroaders' Assn. display is featured today and tomorrow at Suburban Photo in Beaverton and Cedar Hills Men's Shop, according to Jim Whaley (Panel Unit). January 26-February 3 is Model Railroad week.

Jim, Ray Barrett (CRT Test Equipment) and Henry Bahrs (Mechanical Instrument Design) are members of the Sunset club.

Chinese Year Begins

Bruce Wong (Electrochemical) and Fred Lum (Data Systems Programs & Procedures) announce that a Chinese New Year's celebration will be held Saturday, February 2, 6:30 p.m. at Neighbors of Woodcraft hall.

The public is invited to attend; further information may be obtained by contacting Bruce or Fred.

Monday Deadline Set For Bowling Entries

Monday is the deadline for entries in the eighth annual Tek handicap bowling tournament, February 17 and 24, at Valley Lanes.

Competition will be in the singles, doubles and mixed doubles team events. Fees are \$3.75 per person per event, plus \$1 for sign-up in the all-events category.

More information is contained on entry forms which are available at area receptionists' desks. Specific questions can be answered by Ted Hiatt, ext. 264 S.

Archery Classes Begin

Free archery classes are offered at Archery Land, 100th & S.E. Stark, Monday, Wednesday and Thursday. Instructions are given once a week for three weeks. The two-hour sessions are at 12:30 or 8:30 p.m.

Call Gordon Wood (Photography), ext. 300 S, to sign up for a class. He said that archery teams and leagues, sanctioned by the American Indoor Archery Assn., are being formed now.

Black And White Tie

The Tek Black vs. Tek White hockey game this week ended in a 5-5 tie. Games scheduled next week are Tek vs. Blue, Monday night, and Tek White vs. Tek Black, Tuesday night. Both games are at the Memorial coliseum.

Bridge Students Win

In Friday's Tek Bridge club tournament, Jane and Scotty Pyle (International Marketing manager), students in the club's Intermediate bridge class, won North/South in Class competition. It was their first tournament.

BASKETBALL

Jan. 23-24

Plant 3 maintained its unblemished record, and its first-place standing in Tek Basketball league, by beating Sunset, 58-31. Personnel and Warehouse teams are still deadlocked for second place with records of six wins and one loss. Game results for the week:

Personnel—52, Plant 1—32
Plant 4—60, Transformers—40
Shop—41, Plant 2—37
Warehouse—53, Research—21