

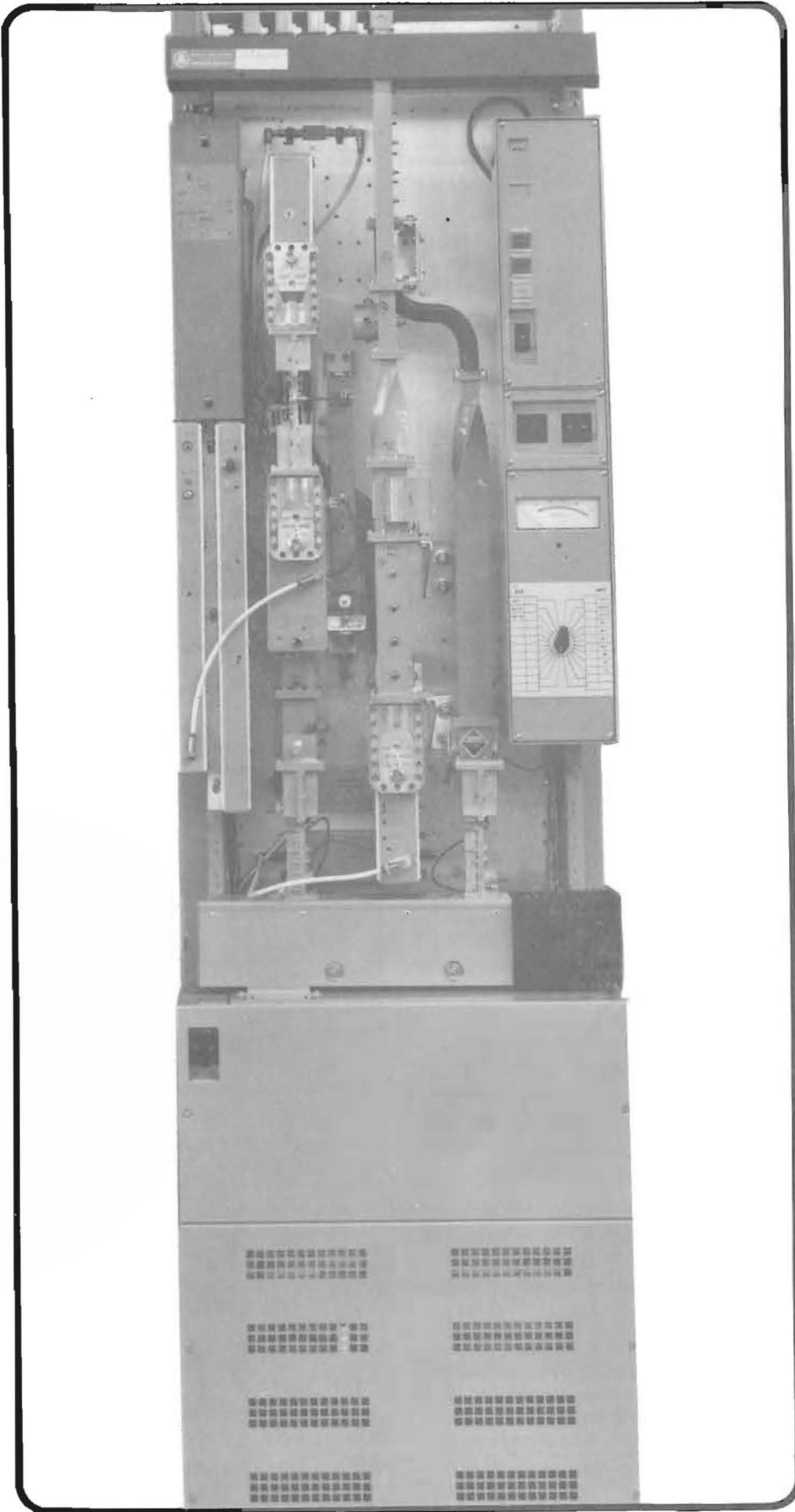
# The Valley Voice



Vol. II, Number 2

Western Electric, Merrimack Valley Works

March, 1979



A NEW MEMBER OF THE WORKS PRODUCTION LINE. Western Electric is transferring the manufacture of the 7-foot TH-3 Microwave Radio Bay (above) and other microwave systems from Kansas City to Merrimack Valley.

## WE sends microwave job from Kansas City to Merrimack Valley

The Works is assuming Western Electric's entire microwave manufacture, a project that will create in 1979 more than 100 jobs and an estimated \$24 million in product output.

The jobs to be created will range from entry-level bench hand positions to positions requiring more experience.

The equipment to be manufactured constitutes eight different microwave systems. The finished products will be used primarily to transmit long distance calls and will be associated with the familiar microwave towers located across the country.

Initial manufacture of the equipment is scheduled to begin within the next two weeks, according to George Ziady, Department Chief, Microwave Plug-In Panel and Bay Dept. The department is located in the southwest corner of the second floor shop.

## 1978 a 'Most successful year' for Western Electric, Bell System

Western Electric and AT&T, in separate announcements January 30, reported record earnings for 1978. AT&T reported earnings per share for 1978 of \$7.74 compared with \$6.86 in 1977. Net income for 1978 was \$5.27 billion, an increase of 17.7 percent over the \$4.48 billion earned in 1977. Return on average total capital of \$82.6 billion was 9.7 percent compared with 9.1 percent in 1977.\*

During 1978 operating revenues increased 12.5 percent to \$41.0 billion, compared with \$36.4 billion in 1977. Operating expenses increased in 1978 to \$26.5 billion, up 12.7 percent from the \$23.5 billion spent in 1977.

Former Board Chairman John D. deButts characterized the results — "In many ways the Bell System's most successful year" — as "testimony to the skills and energies of the very nearly one million ... men and women of the Bell Companies throughout the nation whose contributions at every step of the service process — from research and development through manufacture and supply to operations and customer service — produced them."

Works General Manager Charlie DeBell issued a letter to all employees February 2 announcing that WE is transferring to the Works microwave equipment currently being manufactured at Kansas City.

DeBell wrote that the Works plans to consolidate the transferred microwave products with newer microwave equipment that has been introduced at Merrimack Valley during the past year.

"This consolidation will provide an opportunity to develop a strong capability to better serve the Bell Operating Companies as well as potential international customers."

The Works will supply Bell Operating companies with microwave equipment. Western Electric International is negotiating with foreign governments for additional microwave contracts.

deButts, Chairman since April 1, 1972, retired and Charles L. Brown became Chairman February 1.

The Company reported a 12.6 percent increase in the number of long distance calls over the previous year and a four percent increase in the number of telephones added. At the end of 1978, the Bell System had 133.4 million telephones in service, five million more than at the end of 1977.

(continued on page 8)

## Inside

\*\*Short or long, income tax forms are no fun to file. What are the latest rulings that may save you money? Page 3.

\*\*What's unusual about a Works tester who serves as a Boy Scout Cubmaster? Page 5.

\*\*The Canteen Corporation held a Health Fair in the Works cafeteria to teach employees how to count calories and balance their diets. Page 6.

# BELL NOTES



Making waves will soon be the job of this Beadle Mountain, N.Y., microwave tower, being looked over by workmen. Voice and data communications from the Olympic Games at Lake Placid 100 miles away will be transmitted through the station, after Western Electric installs radio and power equipment at each of ten such sites in the Adirondacks region.

Few people have ever heard of Beadle Mountain, N.Y. Even fewer would associate it with the 1980 Olympics in Lake Placid, located some 100 miles to the north. But Beadle Mt. nevertheless will be an important part of the Games.

Western Electric is now installing power and radio equipment at a new microwave tower site there as part of an expanded telephone system in upstate New York. The route will carry over 900 message and private telephone lines through the Adirondacks, from Mt. Pisgah (a few miles from Lake Placid) to Albany, about 150 miles away. So, when that first giant slalom skier streaks down the course at Lake Placid to the cheers of thousands, unknown and unsung Beadle Mountain will be silently transmitting the excitement.

\*\*\*\*

Creating incentives for learning is a big part of educating handicapped children. The Telephone Pioneers at the Reading Works and at the Engineering Research Center in Hopewell, N.J., have created those incentives in two separate projects. Two-year-old Chad Wojciechowsky, who is almost totally deaf, works on making sounds with voice-activated race cars in Reading. In Princeton, N.J., autistic children at the Eden Institute discover with delight that a mechanical squirrel will climb a pole when they talk into a microphone.



(ABOVE) And the cars move ahead, as Chad Wojciechowsky, 2, plays with his new race set that the Reading (Pa.) Works Pioneers gave him.

(LEFT) "Up squirrel! Squirrel up!" says Robert Steller to the climbing squirrel. Steller, a student at the Eden Institute for Autistically Handicapped Children in Princeton, N.J., makes the squirrel climb the pole by speaking into the microphone that his instructor holds.

\*\*\*\*

Louisiana's standing as the last bastion of the nickel telephone call in the U.S. ended when the state Public Service Commission approved an increase in the coin telephone charge to a dime. The PSC's 3-2 approval of the rate increase followed a recent state district court order. The order sent back a South Central Bell Telephone Co. rate case and directed the regulatory agency to allow the company \$4.4 million in addition to a \$39 million revenue increase approved earlier. The company had requested rate changes to produce \$105 million additional revenues in an April 1977 application.

\*\*\*\*

## Hosford Replaces Nemecek

Becomes  
Vice President,  
Manufacturing-  
Transmission  
Equipment



JAMES HOSFORD

James A. Hosford, formerly Vice President, Manufacturing-Electronic Components, became Vice President, Manufacturing-Transmission Equipment, replacing John M. Nemecek on March 1. Nemecek was elected Executive Vice President in November.

Hosford, presently located at Gateway II in Newark, N.J., will be located at the Morristown, N.J. offices for WE vice presidents.

As Vice President, Manufacturing-Transmission Equipment, Hosford will direct the Company's three transmission equipment plants, the Merrimack Valley Works, the North Carolina Works, and the Richmond Works.

Born on January 2, 1922 in Chicago, Ill., Hosford graduated from Columbia High School (South Orange, N.J.) in 1940. After receiving a Bachelor of Science degree (1944) in mechanical engineering, he served in the U.S. Navy as an electronic technician's mate.

Hosford began his Western Electric career in November, 1946, as an assistant engineer at the New York City Tube Shop. During his rise to Vice President, he served as assistant Works manager at the Merrimack Valley

Works from February 1964 to March 1965.

Hosford has written a number of published articles dealing with the design of automatic manufacturing facilities. He holds five patents.

While working at the Engineering Research Center, he was elected Mayor of the Borough of Rocky Hill, N.J. and served two years.

Hosford married Mary Jones in 1945. They have four children.

## Record sales, earnings for WE in 1978

Western Electric last month announced record sales and earnings for 1978 of \$9,521,835,000 and \$561,200,000, respectively. The figures are preliminary and unaudited.

Sales and earnings for the previous year were \$8,134,604,000 and \$490,076,000 respectively.

## The Valley Voice

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# First Aid course enables employee to help injured son

By Joan Moss

Would you know what to do if someone in your family was seriously injured? Would you be able to help?

Engineering Associate John T. Callahan, 27510, used to ask himself those questions — especially when watching his two sons play hockey for the Junior League. Says Callahan, "Over the past two years I'd seen my sons injured in minor mishaps. But I wondered what I would do if it were a major injury."

The First Aid and Safety Program offered at the Works last year provided Callahan with his answers. And soon after completing the course, Callahan had the opportunity to use his training.

It was Dec. 9, 1978. Callahan's nine-year-old son Gregg was playing defense. There was some action in front of Gregg's goal. Scrambling. When the mob cleared, Gregg was on the ice — hurt. "I came down from the stands," says Callahan, "thinking it was just another minor injury."

But this time it wasn't so minor. It was Gregg's arm — he had jammed it between another player and himself. And it appeared to be broken.

"So I asked a friend in the sports shop to get me a cardboard box," says Callahan. "Then I folded it around Gregg's arm and the coaches helped me tape it securely. I placed ice within the splint to keep the swelling down. We used a hockey shoelace as a sling and within five minutes were at the hospital."

Gregg's arm was indeed broken. "But the splint had kept the arm in location," says Callahan, "so the doctor didn't have to set it. He just had to put the plaster cast on."

Callahan's personal success is just a part of a greater success the First Aid Program has enjoyed. "People have been most enthusiastic about the course," says Supervisory Instructor Trainer Lieutenant Vincent Deacy. "I



Employee John Callahan (right) applies first aid to his son, Sean (left). Thanks to the First Aid and Safety Program, Callahan knew how to make a home-made splint for Sean's broken arm.

can only tell you what others have told me. They've been calling the program the most popular show in town — with three acts a day. They've called it a super program. And a super show."

The applause has been so loud for the multi-media First Aid course that it's been called back for repeat performances. A sequel to the program is now being offered: Training in CPR. For more information call Lieutenant Deacy at X2200.

Yes, for John Callahan the program was indeed a super show. A smashing success. It enabled him to know what to do in assisting Gregg's coaches. "And as a father," says Callahan, "I

was especially glad to help my son." Bravo to the First Aid and Personal Safety Program!

*Joan Moss is a Boston University student majoring in Public Relations. She is serving as an intern in the Works Public Relations office until May.*

## Filing your income tax may hurt less this year with new tax ruling

The Internal Revenue Service has announced several changes in its tax rulings that may soften the sting of filing your returns and mean more money for you.

—**Personal Exemption.** The IRS increased the amount of personal exemption from \$750 to \$1,000. This increase is already built into the income tax withholding rates and tables.

—**Energy Credits.** You may claim a new tax credit on your 1978 return if you installed energy saving components (insulation, storm windows, etc.) or solar, geothermal, or wind powered equipment in your home after April 19, 1977. The credit is limited to 15 percent of the first \$2,000 you spent for a maximum credit of \$300. For further details, see Publication 903, "Energy Credits for Individuals."

—**Individual Retirement Arrangement, (IRA).** Designed for people not covered under a qualified retirement plan, the IRA allows a deduction each year for the smallest of the following: 1. The actual amount of the contribution to your IRA; 2. \$1500; 3. Fifteen percent of your compensation. This deduction particularly applies to Works employees ineligible for the WE pension plan, or to your spouses who

are in businesses that do not offer pension plans.

For detailed instructions on this plan, see Publication 560, *Tax Information on Self-Employed Retirement Plans*.

—**Declaration of Estimated Tax.** If you retired during 1978, or plan to retire during 1979, and you think your income tax will be \$100 or more, you may be required to file a declaration of estimated tax. Form 1040-ES, the estimated tax form, must be filed on or before April 16, 1979. You may pay the estimated tax in four equal installments, or the full amount when you file your declaration. The first installment must accompany the declaration.

The 1979 edition of the Employee's Income Tax Guide is available, free, at the WEValley Club office. It includes new tax rulings, sample illustrations of completed tax forms and schedules, and the latest tax rate schedules and tables.

Contact the IRS, 420 Common St., Lawrence, if you have specific questions about this information or any other tax matters. Call 1-800-892-0288 if you need tax forms — it's a 24-hour line.



NOW FOR THE BIG NEWS I PROMISED YOU...  
I WON THE CAUTION GAME.

## On the Job Handful of Labor Loan people Fills volumes of orders for BTL

Pauline Boudreau is a 30-year Western Electric employee who coordinates equipment orders for the Merrimack Valley Bell Laboratories.

WE employee George Ares gets parts for the Labs from the Works storeroom.

An 18-year WE veteran, Pauline Boeglin orders items from five electronics companies for Bell Labs.

These are three of some 200 WE employees working for Bell Labs here at Merrimack Valley. Called Labor Loan employees, they serve in office positions such as computer operators, secretaries, and expeditors. Labor Loan employees work during Bell Labs hours, 8:00 a.m. to 4:45 p.m., but they receive paychecks from Western Electric, which receives payment for the loaned employees from Bell Labs.

Boudreau, Ares, and Boeglin work in the seven-member order service department. Essential for the Labs to conduct research, the department provides the equipment Labs employees need for their experiments.

The monumental volume of items the order detailers must obtain keeps them on their toes. They make about 1,000 orders a month to outside suppliers and other WE locations. Last year, they placed 10,909 orders worth nearly \$20 million. In January 1979 alone, they placed 1,090 orders worth \$308,908.

In addition to ordering from outside suppliers and other WE locations, the department fills about 900 orders a month with materials from the Works storeroom thanks to George Ares' efforts.

When a Bell Labs employee requests an item from the order service department, Ares sees the order first. It's up to him to recognize whether the Works storeroom stocks the item. He also makes sure the Labs receives the products it orders.

"What makes the job difficult is that sometimes we order parts for Bell Labs and when the parts arrive, they are sent to different departments in the shop," says Ares. "So we have to start over again. If the Works shops and the Labs want the same materials, they'll go to the shops first. It all makes the job challenging."

If the Works storeroom doesn't stock the item Bell Labs needs, Boudreau, who coordinates the flow of orders through the department, sees if any other WE location stocks it. She gives the order to another order clerk to send to the proper WE location once she identifies that location.

The order clerks turn to outside suppliers when no WE location stocks the requested item. They track the items and place the orders to the suppliers who stock them.

Four order clerks, Pauline Boeglin,

Frances Fleming, Lorraine Kozdras, and Mildred Summers are each assigned five to seven suppliers to contact for materials.

"I have to see that the material gets in on time after I do the ordering," says Boeglin who worked four years as a buyer's clerk in the Works Purchasing Department. "I find the job challenging because I must track down parts when suppliers don't recognize them. That means I have to call the manufacturer for the material. So, I have lots of interaction with people outside the office and in."

Boeglin added that she likes working the Bell Labs hours rather than the 7:30 to 4:15 Works office shift. "I'd rather have the extra half-hour in the morning to sleep."

The Bell Labs order clerks are not authorized to place orders over \$100 to outside suppliers. They send such orders to WE purchasing for further handling.

"It would be nice if we could place orders for more than \$100," says Boudreau, "because \$100 doesn't go far these days."

But it appears that the Bell Labs order service department handles a sizable volume of orders within the \$100 price limit.



Pauline Boudreau inspects a material order to determine whether the Bell Labs Order Service department can service it, or whether to send it to WE Purchasing.



George Ares checks a microfiche that will tell him where to locate materials for Bell Labs. The Western Electric employee says he likes working for Bell Labs: "The day goes by fast because I'm so busy."

# Carol Butler: Scouting the way for women cubmasters

By Bob Grieco

The blue and gold uniform Carol Butler wears two nights per week is a bit deceiving. At first glance, it appears to be a Cub Scout den mother's outfit. Rather, hers is the Cubmaster's uniform.

Butler, wireman in department 81213, is one of two female cubmasters in the Boy Scouts of America Lone Tree Council, a division including 39 cubpacks.

As a cubmaster, Butler holds monthly pack meetings, represents the pack in the Lone Tree Council, and organizes pack activities.

Her career in scouting began in 1973. Butler brought her son to join the local cubpack and ended up volunteering to be a den mother.

Upon moving to Haverhill in 1974, she again became a den mother in her son's new cubpack. Other scouting officials encouraged her to replace the cubmaster when he resigned. She agreed with one stipulation — that the Lone Tree Council approve the appointment.

The council members said appointing a woman cubmaster was unusual but "alright as long as the woman was qualified."

At her first pack meeting as cubmaster, Butler had been talking nervously for about ten minutes when her son questioned loudly, "Where is the cubmaster?"

After the initial meeting, results proved positive.

"It gets easier year after year," says Butler. "The scariest part of becoming cubmaster was whether I would be accepted. Now, I'm just one of the guys."

During her three years as Cubmaster of Pack 35, Rocks Village, Haverhill, Butler has proven that a woman can successfully hold the position traditionally held by men. Even when her son became a Boy Scout two years ago, she continued devotedly as Cubmaster of Pack 35.

Butler recently received the National Scouters Key Award for such devotion and involvement in scouting.

Presently, a shortage of volunteers requires Butler to serve as den leader for Pack 35 Webelos while running the entire pack. A Webelo is the highest rank achievable in Cub Scouting. The Webelo den prepares the cubs for Boy Scouting.

Butler accompanied the Webelos to a Camporee last summer. Held for all the Webelos in the Lone Tree Council, the weekend camp-out focused on First Aid procedures. Each cub pack presented a First Aid method for the other packs to learn.

"It was my first Camporee, and I enjoyed it," says Butler, "but there were very few women."

While Butler is volunteering with Cub Scouts, her husband, Mike, serves

on the committee for Haverhill Boy Scout Troop 12.

"It is difficult to involve parents in scouting," says Carol Butler. But once you do, they turn completely around. Without people donating time and

effort, there would be no scouting. I believe it's the greatest organization around. It brings families together, helps the boys to understand life, and hopes to make them better citizens ... It's a lot of work, but it's worth it."



Tester Carol Butler at work in her blue and yellow Cubmaster uniform on the day of the Webelos Scout meeting she conducts.

## Carter's energy bill gives incentives for saving energy

President Carter, on November 9th, signed the National Energy Act which will influence the way most Americans use energy.

The act allows natural gas prices to rise sharply, causing home utility bills to climb. Provisions encouraging utilities to burn environmentally acceptable coal will likely increase your electric rates. It may also raise the cost of your new car if its fuel efficiency rating is lower than the acceptable standard.

Encouraging energy efficiency, the act establishes tax credits and loans to help finance home improvements which reduce your energy usage for heating and cooling. It also provides tax advantages to help lower your gasoline consumption.

Two of the act's sections directly affect homeowners. Both use economic incentives to help these energy users change wasteful consumption habits and switch to abundant or renewable fuels.

### ENERGY CONSERVATION

—**Utility conservation.** Requires your local utility to offer energy audits to its residential customers. These would identify appropriate energy conservation and solar energy measures, and estimate their likely costs and

savings for your home. The utility must also help you arrange installation and financing of these measures.

—**Weatherization grants for low income families.** Extends through 1980 the Department of Energy grant program for insulating lower income homes, particularly for the elderly and handicapped. Low income includes families earning less than the federal poverty level.

—**Solar energy loan program.** Provides reduced interest loans of up to \$8,000 to homeowners and builders to purchase and install solar heating and cooling equipment. Loans are available for five years. Repayment is due within 15 years.

—**Energy conservation loans.** Provides federal home-improvement loans of up to \$2,500 for energy conservation measures, including insulation, storm windows and doors, caulking and weatherstripping, furnace modification and replacement, and clock thermostats. The elderly and moderate income families receive priority.

### ENERGY TAXES

—**Insulation and conservation tax credits.** Provides a non-refundable income tax credit of up to \$300 for investments in insulation, caulking,

weatherstripping, storm doors and windows, clock thermostats, and automatic furnace ignition systems which replace gas pilot lights. The credit is 15 percent of the first \$2,000 on projects installed between April 20, 1977 and 1986. Vacation homes don't qualify.

—**Residential solar credit.** Provides a non-refundable credit of up to \$2,200 for investments in solar, wind, and other renewable energy sources for home heating and cooling. The credit is 30 percent of the first \$2,000 and 20 percent of the next \$8,000 spent between April 20, 1977 and 1986.

—**Removal of tax break for fuels used by off-highway vehicles.** Repeals the \$.02 per gallon tax reduction on fuels for lawn mowers, snowblowers, and motor boats.

—**Tax credit for commuter vehicles.** Allows a ten percent investment tax credit for van pooling vehicles acquired between December 1, 1978 and 1986. The vehicles must seat at least nine adults and be used to transport employees to their jobs for at least 80 percent of their total mileage.

—**Exclusion from income of employer-furnished transportation.** Excludes from gross income value the cost of transportation provided by an employer, such as a commuter van,

provided the transportation is in addition to salary.

Taxes and standards for manufacturers are also included in the act to encourage energy efficient products.

*Happy Saint  
Patty's Day*



# etc.

The Red Cross will hold its March Bloodbank at the Works North Cafeteria on Tuesday, March 27, 9:00 a.m. to 2:45 p.m., and Wednesday, March 28, 12:30 p.m. to 5:30 p.m.

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The Merrimack Valley Engineers and Draftsmen Club will sponsor a Spring Dance and Buffet at the Gaythorne K of C, Methuen, April 21. The Generation Gap will provide music. Guests are invited. Contact Dick Paolino X3059, or Gil Aspeslagh X2864 for tickets, \$16.00 per couple.

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Applications are being accepted for the Merrimack Valley Engineering Excellence Society Scholarship. The scholarship is open to young men and women whose parents are active Works employees, and who will be enrolled as freshmen in engineering or science curricula at accredited colleges.

The Society will present the scholarship in June for the academic year 1979-80. Applications are available at the Engineering Personnel Office, the WEVALLEY Club and the Union (CWA, Local 1365) office.

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The January 22 issue of *People* magazine features an article about the son of Works employees Clint Rand, Dept. 89390, and Evelyn Rand, Dept. 21768. The article focuses on Clint Rand, Jr. because of his unusual, yet timely occupation: he coaches ski area employees to avoid unjustified law suits against the area.

In this day of million-dollar suits held against ski areas by injured skiers, Clint Jr. and his associates will be in demand.

Says his mother Evelyn about the article, "From the time he was born, he has always kept my husband and me excited."

\*\*\*\*

## 1979 Holidays

MARCH							AUGUST						
SUN	MON	TUES	WED	THU	FRI	SAT	SUN	MON	TUES	WED	THU	FRI	SAT
				1	2	3				1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	29	30	31	26	27	28	29	30	31	
APRIL							SEPTEMBER						
SUN	MON	TUES	WED	THU	FRI	SAT	SUN	MON	TUES	WED	THU	FRI	SAT
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8	9	10	11	12	13	14	9	10	11	12	13	14	15
15	16	17	18	19	20	21	16	17	18	19	20	21	22
22	23	24	25	26	27	28	23	24	25	26	27	28	29
29	30						30						
MAY							OCTOBER						
SUN	MON	TUES	WED	THU	FRI	SAT	SUN	MON	TUES	WED	THU	FRI	SAT
		1	2	3	4	5		1	2	3	4	5	6
6	7	8	9	10	11	12	7	8	9	10	11	12	13
13	14	15	16	17	18	19	14	15	16	17	18	19	20
20	21	22	23	24	25	26	21	22	23	24	25	26	27
27	28	29	30	31			28	29	30	31			
JUNE							NOVEMBER						
SUN	MON	TUES	WED	THU	FRI	SAT	SUN	MON	TUES	WED	THU	FRI	SAT
					1	2					1	2	3
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	
JULY							DECEMBER						
SUN	MON	TUES	WED	THU	FRI	SAT	SUN	MON	TUES	WED	THU	FRI	SAT
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8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	31					23	24	25	26	27	28	29
							30	31					

## Clip and Save

NOTE: Oct. 8 has been designated as a Management Personal Day (Excused Work Day). A second Management Personal Day (Excused Work Day) may be used any time during the year.



Canteen Dietician Lee Starner discusses nutrition with Works employees at the Health Fair. The fair promoted Canteen's new Calorie Corner.

## Canteen Health Fair demonstrates The do's and don'ts of dieting

"Oh no! A fig square is 217 calories ... I love them, too," groaned a Works employee standing in the cafeteria before a display of some 200 different foods and their corresponding calorie contents.

"Hey, this bottle of Michelob has fewer calories than this piece of cake — I should stick to a liquid diet!" joked another employee passing the display.

A pudgy employee listened intently to Canteen Dietitian Lee Starner who stood behind the display wearing a white coat.

"Chicken noodle soup has 60 calories, and crackers — 14 calories apiece. So, you can't go wrong with soup for lunch. It's nutritional, and low in calories," said Starner referring to a list of foods and their calorie contents.

Presented in the Works cafeteria February 6 and 7, the display kicked off the Canteen Corporation's Calorie Corner at the Works.

The Calorie Corner offers a choice of one hot and one cold low-cal lunch daily. Among the hot lunches have been fish, turkey breast, beefburger, and roast beef, all with vegetables. The

cold lunches are usually meat or fruit plates.

The prices range from \$1.35 to \$1.45. No diet corner lunch contains more than 280 calories.

Starner, designer of the Canteen Calorie Corner project, says she is starting it at the Works because "employees here want something new and different."

"These employees are sedentary," she added. "They need to watch their calories. Those with high blood pressure should know what they are eating and what foods are good and bad for them. We at Canteen intend to teach your employees that."

The Canteen Corporation is testing the project at the Works for a month. If it is successful, Canteen will include Calorie Corner items in its nationwide menus.

"We're selling about 25 cold lunches and 35 hot lunches a day from the Calorie Corner," says Works Cafeteria Manager Paul Ramey. "I think the health fair generated interest in it. If this interest continues, Canteen will consider the project a success."

# Pioneers present slides at results meeting

At a recent Works results meeting, the Pioneers presented a color slide program showing activities in which the Western and Bell Lab people are actively engaged. The program was initiated to inform individuals about the avenues where Pioneers "MAKE THE DIFFERENCE."

Following the slide program Ron Lindquist, Manager Industrial and Labor Relations, quoted from WE

President D. E. Procknow's Pioneer Policy Statement:

"Western Electric recognizes the Telephone Pioneers of America as an organization of demonstrated value to the company, to its membership and to the communities in which they live and work. It fosters team spirit and is a strong influence in building and sustaining the traditions of fellowship, loyalty and service.

"Through its many service projects, Pioneering helps the company meet its responsibilities to the community. Recognizing with pride this community service record, the company is committed to providing financial assistance, the personal support of management, appropriate time off the job and the use of company facilities."



DONALD PROCKNOW

	<h1>Pioneers</h1>	<p>Merrimack Valley Works Chapter 78</p>
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*Kudos to Dept. 89325. Instead of exchanging Christmas presents, the department bought a carton of greeting cards for the Pioneers to send to the ill and aged in hospitals and homes. A beautiful idea.*

## Opportunities Available

The Lawrence Generals need some Lieutenants. Contact Sam Winic X3066 or Carrie Headley X3067.

Senior Hale Volunteers need Junior Hale Volunteers. Contact Keith Simpson X3612.

Life Members are looking for bowlers to bowl 10 a.m. Fridays at the Pilgrim Lanes, Primrose Street, Haverhill. Come on down!

Life Members are also seeking knitters to meet Thursdays in the Pioneer Lounge. Old and new friendships continue to flourish here. Join the group!

Herb Beshara X2852 needs some assistance in repairing TV's. He currently has 6 sick sets which hospital patients are longing for.

Our Senior Technician requires some Junior Technicians.



JIM NICOSIA

## Nicosia improves system for deaf

Bell Lab's Jim Nicosia recently completed a volunteer project which takes another step toward making it easier for the deaf and deaf-mute to communicate.

A while ago, the Merrimack Valley Works Chapter of the Telephone Pioneers received a request from the regional office asking us to improve the design and reduce the cost of a coupler for the teletypewriter system used by the deaf and deaf-mute.

Developed in 1964, the system's teletypewriter terminals allow the deaf and deaf-mute to "talk" over regular telephone lines. A coupler supplies the link between the teletypewriter and the phone system. This coupler converts

the electrical signals generated by the teletypewriter to acoustic impulses. Then another coupler at the receiving end picks up the impulses.

Jim redesigned the circuitry and packaged it on a printed wiring board to make a unit which is much more reliable and that costs considerably less.

And so with the help of people like Jim, it appears the telephone has come full circle. After all, the phone was conceived by Alexander Graham Bell largely as a result of his interest in deaf people and their problems. And now it's being used to help the deaf and deaf-mute escape their world of isolation.

## Life members report activities

**Paul A. Hillman** of 283 Lowell St., Lynnfield, Mass. 01940, spends summers at his home in Lynnfield and winters in Bradenton, Florida. His hobbies include geneology, stamp collecting and caning.

**Dora M. Ouellette** of 8 Merrimack View Court, Lawrence, Mass. Her hobbies include reading, knitting and crocheting.

**Edwin H. Perkins** of 6 Canterbury, King George Drive, Boxford, Mass. 01921. Formerly of Bell Labs, Ed is very active in fields of teaching and preparing Computer Navigational Programs for U.S. Power Squadrons. He's also an active member of Masons and Eastern Star.

**Ray N. Seavey**, former Senior Engineer, Industrial Division is cur-

rently a resident of St. Petersburg, Florida 33705. Address: 1475 69th Place South. He'd love to hear from his old friends!

**Marge Widdop** of 154 Herrick Road, Boxford, Mass. 01921. Recently attended Pioneer Luncheon with ex-Westernite Kay Flannery of Port Charlotte, Florida. Marge belongs to American Association for Retarded Citizens and Boxford Senior Citizens Group. Traveling is one of her joys.

**Donald A. LeBlanc** of 23 Stacey Avenue, Seabrook, N.H. 03874. Enjoys fishing, watching the Red Sox and working around home. He's made two trips to Florida and in September enjoyed a visit with relatives in Denver, Colorado.

## upcoming events

March 6	Glynn Memorial Nursing Home	7:00 p.m.
6	Danvers Hospital Bingo	7:00 p.m.
13	Tewksbury Hospital — Men's Bingo.	6:45 p.m.
15	Executive Board Meeting.	10:30 a.m.
20	Valley Guitar Club — Town Manor Nursing Home.	7:00 p.m.
20	Danvers Variety Show "A" Train (tentative).	7:00 p.m.
21	"PEP" — Glynn Memorial Nursing Home.	7:00 p.m.
22	Pioneer Mystery Ride. Dinner and entertainment, \$10.95.	
	Leave parking lot at	6:30 p.m.
27	Nursing Home Arts & Crafts Show — Auditorium.	During Dinner Hours
28	Rockingham Nursing Home — Bingo.	7:00 p.m.
April 4	Life Member Luncheon.	12 Noon
10	Danvers Hospital — Bingo.	7:00 p.m.
10	Glynn Memorial Nursing Home — Bingo.	7:00 p.m.
June 10	Annual Flea Market.	

### Volunteers needed to share the fun. Call

- Danvers & Tewksbury Entertainment and Bingo . . . . . Bob Donahue X4986
- Rockingham Nursing Home . . . . . George Durling X2255
- Glynn Memorial Nursing Home . . . . . Mary Chadwick X4835
- Valley Guitar Club . . . . . Mac Emshwiller X6140

# Passages

## Retirements

**Luba D. Galvin**, R/C Hybrid Circuit and 170A H1C Dept., January 30, 23 years.

**Michael J. McLaughlin**, Apparatus Shop Service and O.W. Ordering and Servicing Dept., February 5, 33 years.

**Helen LaRocque**, T1 Repeater, T2, T4 Regenerator Dept., February 20, 20 years.

**Joseph E. Brousseau**, Crystal Filters CCITT Dept., February 21, 25 years.

**William W. Maker**, Plant Construction & Services Dept., February 28, 34 years.

**Walter H. Signor**, Machine & Plant Maintenance, March 1, 23 years.

**Christine C. Bradley**, Substrate Metalization and Glazing Dept., March 5, 20 years.

**George W. Miett**, Ferrite Dept., March 6, 20 years.

**Joseph W. Sapranois**, Quality Control-Engineering and Appraisal-Devices & Apparatus Quality Surveys & Sample Reviews Dept., March 6, 25 years.

**Alfred L. Candini**, Misc. Coil Dept., March 12, 35 years.

**Marian J. Trzcinski**, Plant Construction and Services Dept., March 14, 27 years.

**Clement F. Cadorette**, Film Integrated Circuit Dept., March 16, 23 years.

**Anna Kacinevich**, R/C Hybrid Circuit and 170A H1C Dept., March 16, 22 years.

**Yvette B. Forcier**, Misc. H1C Manufacturing Dept., March 21, 19 years.

**Warren J. Flanders**, Equipment and Apparatus Stores, Receiving, Transfer and Container Dept., March 23, 19 years.

**Eugene S. Jastrem**, Quality Assurance Audit Dept., March 30, 23 years.

**Frank M. Taillon**, Tool Construction and Maintenance, March 30, 26 years.

**Joseph B. Leonard**, Quality Control Dept., March 30, 38 years.

**Angelo P. Psarros**, Tool Construction and Maintenance Dept., March 30, 32 years.

**Priscilla C. Reed**, O.S.S. and Ordering, and Serving Dept., March 30, 23 years.

**Walter I. Thomas**, Test Set Construction and Maintenance Dept., March 30, 23 years.

**Katherine M. Buguey**, Printed Wiring Board Dept., March 31, 21 years.

## Moves

**W.R. Guffey**, Operations Support Systems Manager, South Central Bell Account Management, to Operations Support Systems (OSS) Product Manager, Transmission Equipment Product Line Planning and Management at Merrimack Valley.

**L.J. Peltier**, Department Chief, Engineering Personnel, to Department Chief, Special Design and New Development General Trade Interface and Service Consulting Interface.

**G.M. Holmes**, Department Chief, Repair Engineering, to Department Chief, Engineering Personnel.

**J.E.D. Batson**, Department Chief, Quality Control Engineering and Apparatus Quality Surveys and Sample Reviews, to Department Chief, Hybrid and Microwave Integrated Circuit Engineering, Laser and Anodize Trimming, In-Process Testing, Special Projects.

**R.A. Manning**, Department Chief, Hybrid and Microwave Integrated Circuit Engineering, Laser and Anodize Trimming, In-Process Testing, Special Projects, to Department Chief, Quality Control Engineering and Apparatus Quality Surveys and Sample Reviews.

**R.P. Smith**, Department Chief, Plant Construction and Services to Department Chief, Tool Design and Numerical Control Programming and Machine Design.

**N.H. Heinze**, Department Chief, Tool Design and Numerical Control Programming and Machine Design, to Department Chief, Printed Wiring Board Dept.

**J.G. Murphy**, Department Chief, Printed Wiring Board Dept., to Department Chief, Plant Construction and Services.

## Anniversaries

NAME	MAR.	DEPT.	NAME	MAR.	DEPT.
<b>35 yr. Anniversary</b>					
Lavallee, Donald A.	6	89660	Allen, Florence L.	18	81941
Donahue, John R.	7	84533	Sargent, Christina H.	21	89643
Richardson, Irving E.	8	89691	Fraser, Allister F.	29	89241
Morse, Robert C. Sr.	18	89674	<b>20 yr. Anniversary</b>		
Hartford, Charles W.	23	84532	McCarthy, Charles J.	1	81145
Burnham, Raymond W.	29	89217	Carlson, Roy C. Jr.	2	27480
<b>30 yr. Anniversary</b>					
Johnson, Arnold G.	18	27410	Tattan, Georgette C.	7	89842
<b>25 yr. Anniversary</b>					
Marquis, Ida H.	3	84522	Coombs, James P.	16	27480
Beland, Pauline G.	13	02321	Carey, Rose M.	23	03011
			Caldwell, Robert S.	26	89381
			Noel, Chanel G.	26	89695
			Pappalardo, Mary M.	28	89315
			Kryzynski, Alan R.	30	03572

## Obituaries

**Grace B. Martin**, Bench Hand, January 20.

**T. Tait Bender**, 74, Retired Assistant Manager, February 15.

## *Hatem and Karolisyn split highest Suggestion Award made in Jan.*

Both Louis Hatem and John Karolisyn topped the January Suggestion Award List, each receiving \$245 for a suggestion they co-submitted.

They suggested an encapsulation procedure for the processing of CT cut quartz plates. The procedure is expected to improve overall yield of the product by 12 percent.

Other January suggestion award winners were Ronald Fantini, \$120;

Robert Pothier, \$56.25; and Ruby Thurston, \$56.25. James Dow, Salvatore Genuardo, Glann Jojokian, Nick Scatamacchia, and Richard Winmill each received \$37.50.

Wesley Bishop received \$25. Award winners of \$18.75 were Ronald Aldrich, Armand Bourassa, Jr., Leo Carbone, Eleanor Cote, John Gatti, Edward Gawrys, Michael Kentopian, David Merrill, Jr., Santo Spina, and Frank Verdolotti.

## 1978: Best year yet for AT&T

(continued from page 2)

The overall volume of business (operating revenues adjusted for rate changes) grew by 10.6 percent. At the end of 1971, on the eve of Mr. deButts' takeover as Chairman, Bell served 100 million telephones and handled about half as many long distance calls as it does today. In each of the past seven years, the Bell Companies have handled a volume of business on the average of eight percent bigger than the year before.

A record demand for communications services required capital expenditures of some \$13.7 billion in 1978. The company anticipates spending \$14.8 billion in 1979, an increase of about eight percent.

In his final message to shareowners, prepared for the 1978 AT&T annual report, deButts noted that the Bell System had been materially strengthened financially, in its service capabilities, and organizationally.

But, he said, "In no other aspect of its operations has it been strengthened so much as in the capacities of its management."

He cited his "conviction that the Bell System's new leaders will take it to new levels of accomplishment, new dimensions of service to the nation."

He noted that since 1971, while the consumer price index has increased 61 percent, the price of telephone service on the average has increased only 29 percent.

"There is nothing in our experience of recent years that suggests any abatement in the trend of society's demand for communications services," Mr. deButts said. "Indeed, it is my conviction that the Bell System today confronts an era of opportunity unmatched in its history. No business is more responsible than ours and none, I believe, is better positioned to meet its challenges, fulfill its promises."

\*The earnings statements above recognize the likelihood that a California public utility commission's refund order to Pacific Telephone will be implemented and that, as a consequence, the IRS will find Pacific Telephone to be ineligible for federal tax benefits of accelerated depreciation and investment tax credits relating to 1974 and subsequent years. Accordingly, income applicable to common shares has been reduced by \$72,327,000 for 1978 and \$63,540,000 for 1977 (\$.11 per common share in each year) and reinvested earnings have been reduced by \$84,152,000 for 1974 through 1976.