

The Valley Voice



Western Electric
Merrimack Valley Works
August, 1980

Mini Field Games 1980

[page 8-9]



We've changed our looks.

The Valley Voice returns to its original size beginning with the August issue. We hope you fancy our appearance. We feel the paper will be easier to read and handle. Your comments and suggestions are welcome. Just send us a note, Dept. 02040, or call X2307.

Inside

Recent awards	2-3
WORKS excels in cost reduction	4-5
Boston and WE celebrate	6-7
United Funds activists	10
A page from the past	11
Pioneers—this and that	12-13

WE Merit Scholarship

A w a r d s



Judith Turner accepts scholarship award from General Manager Charles DeBell.

Quote of the month

“We intend to be vigorous competitors. We are convinced that in a fair competitive situation we will acquit ourselves quite well. We welcome, too, the chance to be able to use fully the technology of the information age — and we intend to be out front with the best. But let me also assure you that we have no intention of shedding our sense of obligation to the public — and merely chasing the quickest dollar.”

—James E. Olson,
Vice Chairman of AT&T

The recipients of the 1980 Western Electric Merit Scholarship are Judith Turner, daughter of Harry Turner, Manager-Engineering, and Peter Ketchum, son of Wil Ketchum, Information Systems Staff Senior Member.

Judith recently graduated from North Andover High School and will attend Dartmouth College in the fall. She plans to study pre-law.

Peter graduated from Phillips Exeter Academy and will attend Rensselaer Polytechnic Institute where he will study engineering.

The Western Electric Fund each year sponsors, in cooperation with the National Merit Scholarship Corporation, four year college scholarships for the children of active and retired employees as well as deceased employees with a minimum of 15 years service who were in active or pension roll at the time of death.

Western Electric Fund Merit Scholarships are awarded to children of qualified employees who are finalists in the annual National Merit Scholarship given in October at high schools across the nation. Students who are in their junior year must arrange to take the test by contacting their principal during the month preceding the test.



Peter Ketchum receives scholarship award from General Manager Charles DeBell.

The Valley Voice

Published for the employees of
Western Electric's
Merrimack Valley Works
North Andover, MA 01845
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Engineering Excellence

The annual Western Electric Engineering Excellence Scholarship Award was presented at Merrimack Valley Works to Brian Cordischi for outstanding achievement in academics.

Brian's father, Benny Cordischi, works in the Machine Maintenance organization at Merrimack Valley Works.

Brian is a graduate of Phillips Academy where he received "A's" in math, science and liberal arts courses. He obtained the highest mark possible on the Advance Placement Test in physics and received scores of over 700 on the College Entrance Exam, placing him in the top five percent of college-bound seniors.

Brian will attend Princeton University in the fall and plans to work toward a degree in chemical engineering.



Jim Grieco (l) president of MV Engineering Excellence Society, and Bob Zingali, vice president, present scholarship to Brian Cordischi.

The scholarship is presented each year by the Engineering Excellence Society, an organization unique to Merrimack Valley Works. The society gives recognition to engineers with exceptional records and once a year awards a scholarship to the son or daughter of a Works employee with an outstanding academic record in a technical or scientific field.

Aside from an outstanding academic record, Brian was active in school activities at Phillips Academy. He was a member of the honor society, chairman of the class play, and co-president of the chess club. He played on the junior varsity basketball and golf teams. Brian was also a member of the Cum Laude Society.



Gene Grillo, (l) MV consultant, Environmental Health Engineering, and Tony Murabito, dept. head, Environmental Control Safety Engineering, receive award from Massachusetts Safety Council President James McCormick.

Safety

Thinking of safety pays off. And at Merrimack Valley we work hard at doing our job with this fact in mind. Proof of our conscientious efforts came just recently when the Works was awarded by the Massachusetts Safety Council for working over 14 million hours in 1979 with only 44 lost work day cases.

The Associated Industries of Mass. Occupational Safety Award was accepted by Tony Murabito, dept. chief of Environmental Control, and Gene Grillo, consultant, Environmental Health and Engineering and vice president of the Mass. Safety Council.



C O S T R E D U C T I O N

Works leads company for fourth year

In this inflation-battered economy, all manufacturers are looking for ways to cut the cost of making their products. One method that helps Western Electric save millions of dollars a year is engineering cost reduction — finding new and more economical ways of doing things. Most of the new ways use the latest developments in technology to save lots of money without sacrificing quality.

For the fourth year in a row, Western's Merrimack Valley Works has led all other locations with a savings total of \$25.4 million. Total savings from Western Electric amounted to \$268,441,000.

"We're very cost-reduction conscious here," said Bob Zingali, coordinator of Merrimack Valley's cost reduction program. "Cost reduction is a natural way of thinking for our engineers. It's part of their job. Besides the personal challenge and self-satisfaction it offers, we set pretty ambitious goals and have lots of competition among departments," Zingali added. "In a competitive market, holding costs down is as imperative as our high quality standards."

"We're not just looking for the big cases. Although we've had cases that range from \$400 to \$2 million in savings, most of the cases fall into the \$20,000 to \$25,000 range," said Zingali.

If an engineer at the Merrimack Valley Works, or anywhere in the company, has an idea for a cost reduction case, he or she draws up a proposal that progresses through management until it is considered by the local Cost Reduction Committee. If it is approved, development money is allocated and work begins. The average duration of a case is about one year and the savings are reported over a five-year period.

One example of a case that shows how engineering can increase productivity and save a substantial amount of

money involved development of an automatic positioning machine for ferrite cup cores. These are one-inch diameter devices used to make transformers for all kinds of telecommunications equipment. Touch-Tone® telephones contain two pairs of these ferrite cores, forming two transformers.

"Ferrite cores are also used in all transmission products, and we produce over 500 tons of them a year," explained Virgil Johnson, senior engineer. "The problem was that we packaged the cores by hand. It was a dirty, messy job and very time-consuming. We needed a system that could align the cores for easier packaging and inspection."

Product Engineer Bill Mitchell and Senior Engineers Ernie Deveres and Mason Peck were assigned the task of coming up with a machine that would accomplish the aligning objective.

"The idea for the machine came to me right away," said Deveres. "I decided on a machine with a continuous circular feed that would carry the pieces by vibration over a commercial padding that resembles brushes. Mason was responsible for designing an electrical control system that would make it work."

Peck chose a solid-state electrical system with a programmable controller for simplicity and reliability. In the process, all the cores come out face up and broken ones are ejected along the way.

At the end of the circular path, the cores, which have magnetic properties, are fed into a linear track and loaded onto a shipping carton by a magnet. An operator visually inspects the uniformly aligned rows and removes any chipped or damaged pieces that weren't previously ejected.

"Because the ceramic cores are breakable, the machine is designed to handle them gently and continuously clean them as they move along," Deveres added. "So far, we've built two machines for two different sizes of

cores. Each of the two machines handles over 100,000 pieces a day.”

The savings for the first year were \$263,000. That’s a cost reduction of one-and-a-half cents per core assembly for Touch-Tone telephone transformers.

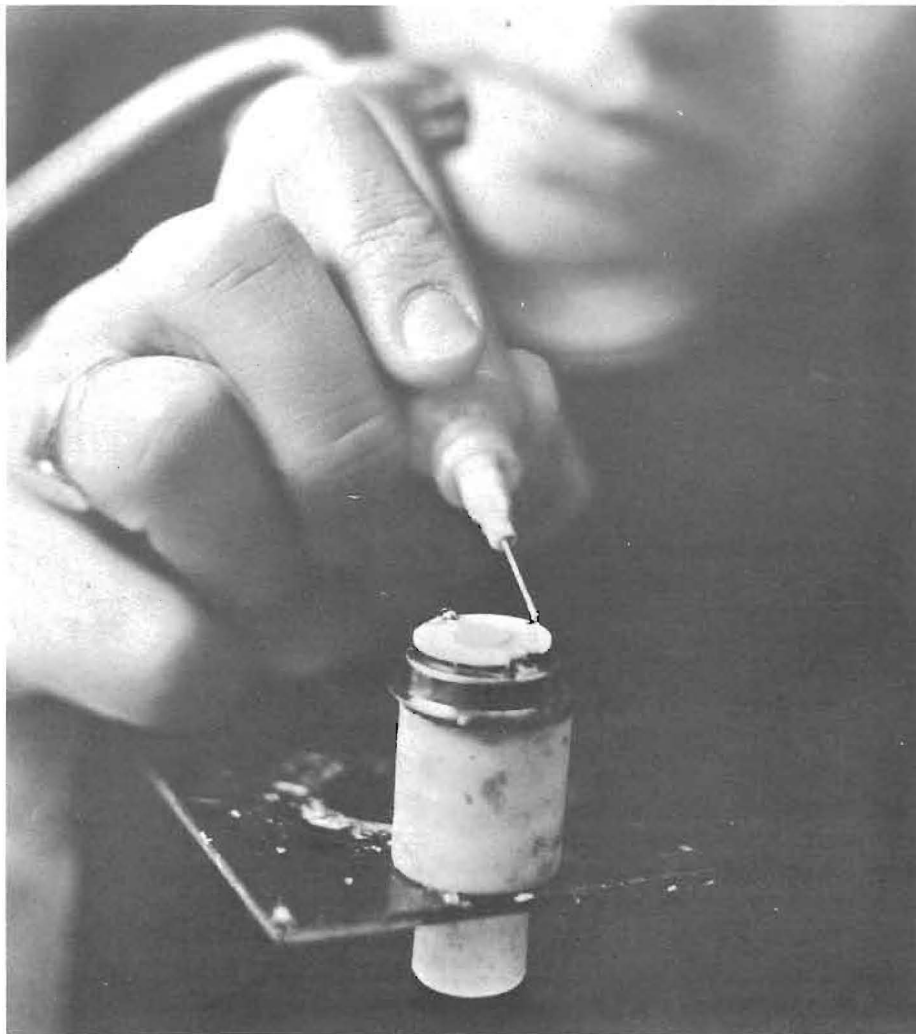
Another cost reduction case that resulted in savings of more than \$100,000 a year was the relatively simple solution to a problem of attaching a thumb-size crystal disc to its support structure.

Senior Engineer Bob Caruso explained that the crystal units, which are used to select frequency, have to have their gold electrodes connected with epoxy to supporting ribbons. Formerly, a drop of epoxy had to be carefully

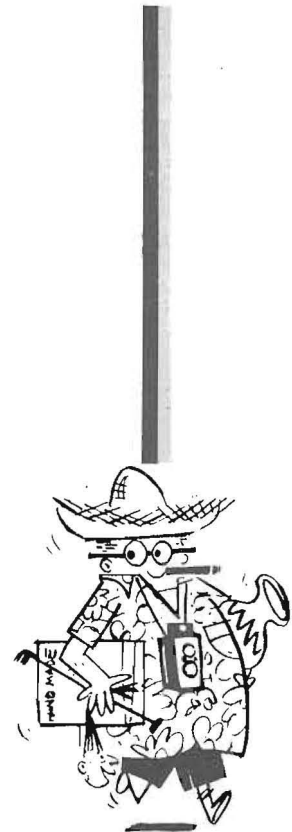
brushed by hand underneath the crystal to connect one of the electrodes.

“By adding a thin coat of gold to the edge of the crystal wafer, we only have to apply epoxy on the top of the unit,” Caruso said. “This helped us to increase our production output from 8,000 units a week to 15,000 units and the savings are substantial.”

Western Electric’s effective engineering cost reduction program makes it possible to keep down the price of the communications equipment it sells to telephone companies. Because of this “way of life” they, in turn, are able to offer consumers telephone service that remains one of today’s best bargains.



A LITTLE DAB’LL DO YOU. Thanks to Western Electric’s endless battle to cut costs, a single drop of epoxy on three supporting ribbons is all that’s needed to secure this crystal transmission unit at Merrimack Valley Works. Prior to the engineering cost reduction effort that made this possible, manufacturing these frequency control devices took a lot longer, because epoxy also had to be applied to the bottom of the crystal [the white wafer on top]. Devices like these enable the Bell System to send many telephone conversations over a single transmission path.



Take Your Camera Along!

Philosophers credit a Chinese sage, Confucius (who never owned a camera) with saying: “One picture is worth ten thousand words.”

We remind you of this because The Valley Voice editor would greatly appreciate being able to use your vacation-time snapshots in a special photo feature in a forthcoming issue. The more photos, the better the feature — so why not bring or send yours in as soon as you get back?

Savings plan values as of June 30, 1980

Below are the BSSP/SSP values as of June 30, 1980

	BSSP	UNITS
	VALUE PER UNIT	CREDITED
AT&T	2.0897	0.4785
Government Obligations	2.2183	0.4507
Equity Portfolio	1.6031	0.6237
Guaranteed Interest	1.0455	0.9564
	SSP	
AT&T	.9765	1.0239
Guaranteed Interest	1.1323	0.8831

Boston and WE celebrate -

Telephone system initiated aboard JFK during Hub's 350th Birthday



JFK Aircraft Carrier

Photo by U.S. Navy

Among the fleet of Tall Ships that recently came to Boston for its 350th Birthday, one of the most impressive was the JFK Aircraft Carrier. Aside from being a floating weapons delivery system, the 83,000 ton ship was also the place of a Western Electric celebration - the

installation of the Dimension® PBX 2000 telephone system.

While still at sea and just before 341,000 people walked through the JFK in Boston, the PBX System was installed by the Chesapeake and Potomac (C&P) Telephone Company.

The sale represents WE's Government Sales Division's first contract for an electronic telephone system on a U.S. aircraft carrier.

With a flight deck covering 4.5 acres, the carrier is the fourth daughter in the Kitty Hawk class. She is home for over 5000 people.



SHIPPING OUT WITH THE FLEET. Walt Knapp, (seated left) Western Electric supervisor at the Guilford Center, briefs Electrical Officer Lt. (jg) Rene Fry and crew on the performance of the Dimension® 2000 Private Branch Exchange. The PBX was recently installed aboard the aircraft carrier John F. Kennedy and will handle all internal communications. Manufactured at Western's Denver, Colo. plant, this Dimension PBX is the first electronic PBX on a tactical ship.

The JFK docked for brief periods during the installation so Bell System installers and W.E. Project Engineer from the Guilford Center, Walter Knapp, could board the 19-story carrier.

"The equipment provides 6000 telephone lines for the carrier," explained Vince Scurria, account executive for the project. "The system replaces 1943 vintage, step-by-step equipment. The system provides all the day-to-day communications required to operate a carrier of that size. It's a floating city," said Scurria. "Only 13 days after the new equipment was loaded onto the carrier, we had 500 telephone lines in service. The rest of the lines were operating 15 days after the installation began on May 17.

"A temporary manual switchboard provided interim service. The normal installation time on a project of that size is five weeks," Scurria explained,

"and regular manufacturing time on the equipment is 16 weeks, but Denver Works had the system ready in five-and-a-half weeks."

One of the requirements of the contract was a two party selective ringing on one pair of wires - two telephones had to be signalled independently on each line. This requirement was set by the Navy because existing JFK cable plant only provided two-party service for 150 lines and additional cable was not feasible in the immediate future.

"WE's standard Dimension service provides one phone per pair of wires (and extensions) so a special circuit was designed by L.D. Stack, of the Guilford Center, to meet requirements.

"When we put those first 500 lines into operation, the crew was delighted. There had been only about 400 telephones working on their old

700-line system because it was in poor condition," Scurria explained. "They had problems with poor transmission, no dial tone, etc."

Though the JFK was commissioned in 1968, the carrier's telephone system was pulled from Navy storage and soon outdated, according to JFK's Electrical Officer Lt. J.G. Fry.

"With the new system, we will have many custom calling features which are available to commercial customers," Fry said during the installation phase. "We're looking forward to carrying out shipboard communications with state-of-the-art equipment."

The JFK is temporarily docked at the Portsmouth Naval Shipyard in Virginia, where its boiler will be repaired. According to a Navy spokesperson, the boiler trouble developed when the carrier was departing from Boston. After repair, the JFK will head for the Mediterranean.



Mini Field Games



They raced with the determination of Olympians and accepted their ribbons with champion smiles. On a glorious day at Methuen High School each participant struggled to be the best. But they were all the best; each one was a winner.



It most certainly is raining! Emmett and other Pioneer clowns added to the fun.



when
everyone
is
a
winner



The second Annual Mini Field Games brought together about 25 physically handicapped and mentally retarded citizens from the area. The event was sponsored by the Merrimack Valley Works Pioneers and the Bon Secour Hospital Association.



Giving the United Way

The simple act of walking across a room—we do it many times each day and think nothing of it. But to some people taking one step is a huge stride. To them one step is a task that takes a lot of effort.

You give other people the opportunity to better their chance for a more normal life when you give to the United Fund. September 8-12 the United Fund Campaign will be held at the Merrimack Valley Works. Your personal contributions during the campaign will help local agencies of the United Fund such as the Cerebral Palsy Center, Retarded Citizens of Lowell, Lawrence and Haverhill, Community Child Care groups in Salem, and hundreds of others.

At the Merrimack Valley Works, many employees volunteer their services to these local agencies supported by the United Fund. There is one point they all stress—your personal contribution brings great happiness to less fortunate people.

Jack Peterson, section chief, Dept. 80547, is on the Board of Directors at the Cerebral Palsy Center of Lawrence. Once a month he meets with the Board to determine the direction of the center.

Jack views his volunteer work as an extension of Pioneer activities. When asked why he got involved he said, "I reached a point in my life when I realized there is more to life than just taking care of my needs. I asked myself whether life is just me or is there more."

Jack found an answer as a volunteer in United Fund agencies in his community. "I felt I could be useful to others," he said. "Giving donations and time to the United Fund is very worthwhile," said Jack.

As a member of the Board, he can clearly observe the benefits of giving to the United Fund. Jack sees the success of therapy at the clinic. "I see children who are simply taught to feed themselves. And when I see people at the clinic trying to learn needs that are so basic to me, I realize the importance of giving to the United Fund."

Paul Hughes, a retired department chief, Quality Assurance, has been involved in United Fund activities and still finds his work "quite challenging." Paul said he can look back at a lifetime of valuable experiences.

Paul also got involved in United Fund activities through the Pioneers. He was the first president of the Merrimack Valley Chapter when it was chartered in 1970. Presently, he is vice president of the Haverhill Red Cross, a United Fund agency.

Paul feels strongly about his commitment to United Fund agencies. "These agencies will never make it if they do not have the support of donations and volunteers," he said. He feels giving of time and money during the United Fund Campaign is especially important.

Paul said for retired people it is essential to get involved. "Getting involved is the only way we can keep abreast of what is going on around us."

Another strong advocate of the United Fund is Frank Hennessey, Attendance and Relocation Coordinator in the Personnel Department. Frank has been involved with the United Fund for five years. He volunteers at the Haverhill Day Care Center and the Retarded Citizens Training Center in Lawrence.

Frank too became involved in the United Fund through the Pioneers. He was president of our local chapter during the 1970-1980 term.

He has seen the results of the United Fund through his personal commitment and said, "the appreciation in a smile from people you help is the best reward. Giving to the United Fund helps many people who happen to be less fortunate than us. I realize how lucky I am to be able to give to the United Fund."

When you give to the United Fund during the campaign in September you will be helping someone less fortunate to take one more step toward a happier life.

Way back in 1947, Rita Akscyn, presently a Complaint Investigator in Department 80471, had a new phone installed. She was newly married and the number assigned to her was 36988. This was later lengthened to 683-6988 when the exchange number was added. Just recently, 33 years later, her son, fully grown and himself newly married had a phone installed in his home in Houston, Texas. The number assigned to him? You guessed it — 683-6988! That telephone company — they sure try to keep a family together.

Parking space to get tighter

As we all know parking spaces at Merrimack Valley are at a real premium and there is no more convenient land for additional parking spaces. Even if there were, state and federal regulations have begun to limit our ability to expand existing lots. In addition, AT&T Chairman Charles Brown recently made a public commitment to reduce vehicle use and to encourage ride-sharing among Bell System employees.

With this in mind, we would like you to seriously consider sharing a ride with a neighbor by joining the car pool program through the Public Relations Department.

If you are not convinced yet, take a hot tip from your editor. I understand plans are being formulated to allocate a whole lot of prime parking space to car poolers. That means that those of us that do not car pool may be destined for the North-North Lot. — get the hint?

If you have already signed up through the Mass Car Pool program and think your records might be outdated, or if you wish to sign up for the first time, look for Public Relations representatives in the South Cafeteria, August 25, 26 and 27 during lunch; August 28 at the Salem plant and on August 29 at the Andover plant. You may also join at the WEValley Club anytime by contacting Merrill Whiting, X2312.

A page from the pas'

When flipping through the back issues of the Valley Voice (then called the Newsletter), we found some pictures from the early 1970's that would bring back some good memories for many employees.

We will occasionally bring back a page from the past in forthcoming issues of the paper. Recognize anyone?



—"however the company is structured, it will be oriented towards people."

—"that's one thing I'm sure of too."

May/June Suggestion Awards

The top suggestion award for May went to Merritt Ball, III, for a modification on Printed Wiring Boards. Ball won \$75 for the suggestion.

James Abbott was awarded \$175, the top June suggestion, for an internal cutting tool used to repair the seal area of silver liner autoclaves.

Other awards for the month of May are: John Hood, Ron Lamirande, Joseph Leblanc, Ernest Pelleren, Rosemarie Surette and Clayton Turner, Jr. for \$50. Arthur Botsch, Richard Croft and Karl Reidl received \$33.33 awards. Two \$25 awards were given to Ronald Aldrich, and Francis Dugan for \$25.

Awards for June for \$100 went to Merle Phillips and Mildred Potter. Chyral Curette, Daniel McCarthy, Shirley Page, Lee Richardson and Charles Tarness received \$75. Five \$50 awards were given to Jose Chaves, Justine Jurek, William Medley, Teresa Walsh, and Stanley Wojcik, Jr.

Alan Dunn and Dennis Robichaud received \$37.50 awards and John Howell received \$35. Eleven employees were awarded \$25: Stephen Crimmin, Roger Daniel, Roland Demonceau, Edith Doucette, Charles Hayden, Alice Howard, Nancy Jaffarian, Richard Paolino, Theodore Sattley, Duaine Steinhoff, and Stanley Wojcik, Jr. Kathleen Boyd and Gerard Grady were awarded \$12.50.

Sorry!

Two names were inadvertently omitted from the list of dedicated Pioneer volunteers who have given years of time to the Brentwood Hospital. They are Rose Dlugosz and Bud Hodgen. We apologize!

Pioneers

by Pauline Sullivan



During the MV Bell Labs 25th year anniversary, the Pioneers' Audio Ball was on display.

Upcoming opportunities

The Annual Fishing Trip for the Retarded will be held Thursday, August 21 at Seabrook. This event has been sponsored by the Pioneer Life Members for several years. The members are appealing for donations of sandwiches, cakes and cookies. Anything simple will do. Tonic and fruit would also be welcome. These may be brought in Wednesday, the 20th.

Please contact the following for information:

Bob Donahue	X4986
Frank Hennessey	X2328
Tom Horgan	X4016
Gil O'Brien	X4102

The Merrimack Valley Pioneers invites you to "A Night at the Races," Saturday, August 23 at the Seabrook Greyhound Park, Seabrook, N.H. The event includes a Pot Roast dinner served at 6:45 p.m. Tickets are \$12.00 with transportation, \$8.50 without transportation. Buses will leave Western Electric South Parking Lot at 5:30 p.m. Tickets may be purchased at the Pioneer Office 1:30-3:30 p.m.

Twenty softball teams from various companies will meet at the Merrimack Valley softball fields August 23 and 24 for the first annual tournament sponsored by the Massachusetts Industrial Recreational Council. The Works Softball Team and the WE Service Center, Watertown, will be represented.

Volunteers needed to share in festivities call:

Glynn Hospital Bingo	Mary Chadwick	X4835
Danvers Bingo	Bob Donahue	X4986
Tewksbury Women's Bingo	Mae Judge	X2492
Valley Guitar Club	Mac Emshwiller	X6140
Rockingham Home	George Durling	X2255

New Pioneer Officers elected

The 10th annual meeting and installations of officers of Merrimack Valley Works Chapter #78 was held at the Haverhill Country Club on May 22, 1980.

Following the call to order by outgoing President Frank Hennessey, the invocation by past President Edith Mills and Pledge of Allegiance by John Medaglia the special guests were welcomed and introduced. Rita Sweeney, Pioneer Administrator then paid tribute to 47 deceased members.

The Executive Board for the coming year is:

Norman Graichen, *President*

John Connors, *Vice President*

Rita Sweeney, *Administrator*

Members-at-Large, Genevieve Kus and Kurt Seastrand

Past President, Frank Hennessey

Life Member Representative, Paul Hughes

Remarks were made by past Regional Vice President J. Paul McMenimen who also served as installation officer and incoming Regional Vice President E.V. Fortin.

The guest speaker was Detective Michael Spero, Haverhill Narcotics Officer. His presentation of the local drug addiction problem was shocking, eye-opening and remarkably well presented. Revealing films of actual incidents dramatically enhanced his program. It was certainly thought provoking. A question and answer period followed.

Benediction by Past President Jack Peterson concluded the meeting. This was followed by a buffet luncheon.



Pioneer officers — (l to r) Kurt Seastrand, Genevieve Kus, Members of the Executive Board; Rita Sweeney, Administrator; John Connors, Vice President; Norman Graichen, President; Paul Hughes, Life Member President; Frank Hennessey, past Chapter President.

We expect to be sending out literature very shortly regarding the fall session of the Education Opportunity Evening School. If you are a retiree who would like to teach a class or receive literature kindly complete the following questionnaire and return to Muriel O'Brien, Dept. 02000A Western Electric, 1600 Osgood St. No. Andover, MA 01845.

Yes I am interested in receiving information regarding EDOP Evening School.

Name _____

Address _____

City or Town _____

Telephone _____

Pioneer of the month



Bea White, Production Control Specialist, is one of the most active Pioneer volunteers. Her interest was first aroused at an indoctrination ceremony six years ago. At that time she decided to visit the Brentwood, N.H. Nursing Home. She is still active in the program. She is also interested in the annual Hobby Show.

Bea serves as co-chairman of the Fellowship Committee, a group of volunteers who send anniversary and get-well cards to Pioneers. If the illness extends beyond 30 days a gift is sent.

Bea's first love is the Special Field Games which she collaborates with Bob Gagnon. This is not exactly a week-end chore. In fact it takes six months to organize all facets of the program and bring it to fruition. Contacts are made through newspapers and schools and hopefully no one will be overlooked. Another time consuming task is conscripting volunteers who will work on a one-to-one basis with the retarded who range in ages from 5 to 42. Bea remarked that although she worked from 6:30 a.m. to 5:00 p.m. on the recent Field Day the feelings of warmth and joy found in the response of these very special athletes more than made up for any weariness.

As you can see Bea illustrates all the best qualities of Pioneering. She is willing to give of herself to make life brighter for someone else. Bea lives with her husband Robert, also a WE employee and Pioneer in Haverhill. He supports and joins her in many activities. They have three children: Maureen who resides in Washington, Mike of Newton, N.H., and employed at WE, and Bobby who resides in Reno, Nevada. She also has four grandchildren and is delighted to have her mother and father living nearby, Mr. and Mrs. Harry Alonzi.



WELCOME TO ZACHARY FLUHR, our new Manager, Engineering - Components, Facilities and Services. Zachary comes from the Switching Software Center, Lisle, Ill.

Moves

T.J. Burns, Dept. Chief to Material Planning and Product Service Manager, effective June 1.

D.F. Wentworth, Staff Associate, 02190, to Section Chief, Digital Radio Project Coordination and Status Reporting, 21461, effective June 1.

P.A. Rampulla, Accounting Specialist, 03010 to Section Chief, 03775, Hourly Payroll Section, effective June 1.

R.C. Malo, Planning Engineer, 21510, to Department Chief, Engineering, Physical Design, Printed Wiring Board Products Standardization and Documentation; Computer Aided Graphics Development and Component Standardization, 21540, effective June 1.

L.M. Games, Information Systems Staff Member, 03520, to Department Chief, Installation Engineering and Field Support, AMPS and #4 ESS Peripherals, 21440, effective June 1.

R.E. Lynch, Department Chief, 21310, to Department Chief, 21550, effective June 1.

J.A. Karcz, Department Chief, 21550, to Department Chief, Thin Film and Apparatus Test Development and Engineering, 21310, effective June 1.

S.M. Lapham, Production Quality Checker, 80472, to Section Chief, DDS, 1ARDS, SDDS Circuit Pack A&W, 81558N, effective June 15.

J.B. Danese, Staff Trainee, 02191, to Section Chief, Misc. Cable Wiring & Cable Forming Section, 81782, effective June 15.

J.M. Smith, Methods Specialist, 84980, to Section Chief, IC-Burn-in and Misc. DIF Machine Assembly Operations, 81829, effective June 15.

E.A. Rowe, Report Clerk, 81550, to Section Chief, DDS, 1ARDS, SDDS Circuit Packs Assembly and Wiring, 81556N, effective June 15.

N.A. Abate, Jr. Layout Operator, 81820, to Section Chief, D3, D4, DCT Connectorized Cables Section, 81721, effective June 15.

W.R. Wysocki, Department Chief, 21980, to High Frequency Project Engineering Manager, 20200, effective June 15.

G.F. May, Jr., Senior Engineer, 21980, to Department Chief, Installation, Field Support and Computer Technology Engineering - SARTS, 21980, effective June 15.

S.L. Krause, Development Engineer, 21980, to Department Chief, Installation Field Support and Computer Technology Engineering, 21910, effective June 15.

D.E. McDonald, Senior Engineer, 21950, to Department Chief, Installation, Field Support, and Computer Technology Engineering, effective June 15.

R.M. Shearer, Senior Engineer, 21980, to Department Chief, Installation, Field Support and Computer Technology Engineering, 21970, effective June 15.

R.P. Carruthers, Engineering Associate, 21460, to Section Chief, Microwave Radio Bays and Panels Assembly, Wiring, Inspection and Testing Section, 81311, effective June 15.

C.A. Dolfe, Jr., Engineering Associate, 80470, to Section Chief, Quality Control and Appraisal, 80475, effective June 23.

A.J. Syvinski, Engineering Associate, 80460, to Section Chief, Quality Appraisal and Control, 80462N and 80424N, effective June 23.

H.A. McGauley, Senior Engineer, 27610, to Department Chief, Industrial Engineering, Apparatus, 27610, effective June 23.

R. Pettrossi, Department Chief, 27640, to Department Chief, Process Development Engineering Coordination - Plug-ins, Industrial and Process Engineering, Process Center, "A" Line and "B" Line Transporters, 27630, effective June 23.

J.C. Young, Department Chief, 27610, to Department Chief, Industrial and Engineering Equipment and Advance Planning and Development, 27640, effective June 23.

J.I. Pelc, Senior Engineer, 27540, to Department Chief, A-6 Monolithic Crystal Filter, Crystal Unit Design, Low Frequency Crystal Unit and Crystal Filter Manufacturing and Development Engineering, 27550, effective June 23.

Retirements

Robert A. Fuller, July 4, 27 yrs.

Carmel L. Mathews, July 4, 27 yrs.

John E. Ring, July 7, 18 yrs.

Lorraine D. Poisson, July 9, 20 yrs.

Theresa L. Ferraro, July 11, 23 yrs.

Lucy G. Purpora, July 11, 17 yrs.

Anna M. Driscoll, July 13, 18 yrs.

Louise K. Bistany, July 16, 18 yrs.

Lucy C. Motta, July 16, 29 yrs.

Edna S. Camuso, July 18, 29 yrs.

Gladys B. Grudzinski, July 23, 20 yrs.

Irene L. Ouellette, July 23, 20 yrs.

Marian D. Nason, July 26, 20 yrs.

Pauline M. LaBrecque, July 28, 20 yrs.

Frederick M. Butler, July 29, 16 yrs.

Frederick T. Coder, July 31, 40 yrs.

Martin J. Allbach, July 31, 43 yrs.

Elgar B. Gardner, July 31, 27 yrs.

Margaret G. Murphy, July 31, 36 yrs.

Stanley Shok, July 31, 39 yrs.

Viola G. Brown, Aug. 1, 20 yrs.

Joseph D. L'Italien, Aug. 4, 20 yrs.

Cecile G. L'Italien, Aug. 7, 20 yrs.

Sabina Z. Lacroix, Aug. 8, 23 yrs.

Mary L. Hayes, Aug. 11, 24 yrs.

Estelle A. Catalano, Aug. 15, 20 yrs.

Raymond M. Patnaude, Aug. 18, 24 yrs.

Irene S. Lessor, Aug. 19, 21 yrs.

Claire B. Vachon, Aug. 25, 20 yrs.

Marie R. Perreault, Aug. 29, 20 yrs.

Patrick H. Morris, Sept. 1, 20 yrs.

Nellie S. Chiklis, Sept. 2, 20 yrs.

Mary C. Souza, Sept. 4, 18 yrs.

Obits.

Merrill F. Burnette, retired, dept. chief, Feb. 23.

Elinor K. Carrier, Tester, June 14.

Rita M. LeBlanc, Coil Winder, June 19.

Donald H. Nash, Receiver, June 21.

Adele Masee, Bench Hand, July 12.

Joseph R. Perry, Machine Setter, Aug. 1.

Anniversaries

F.J. Champy, Section Chief, 89821T, to Department Chief, Quartz Crystal Growing, Cutting and Grinding, 89810, effective June 23.

D.P. Farley, Department Chief, 21330, to Department Chief, 20250, effective June 23.

K.G. Lord, Mechanic, 89248, to Section Chief, Quartz Crystal Growing, Cutting and Grinding, 89815T, effective June 23.

P.J. Marquis, Results Investigator, 80421, to Section Chief, MGT Modules, A&W Section, 81949, effective June 23.

J.A. Morin, Material Planner, 51410, to Section Chief, Project Coordination, Investigation and Results, Indices and Comcode Control, 84562, effective June 23.

J. Berube, Production Control Coordinator, 84564, to Section Chief, Production Control and Service, Printed Wiring Boards, Ferrite and Integrated Circuit Shops, 84513, effective June 23.

C.B. MacDonald, Supervisor Development Program, 02191, to Section Chief, Special Projects and Results, 84135, effective June 23.

P.J. Crowley, PAE II, 84120, to Section Chief, Non-Stock TCE Orders and Repair Service and Return, 84132, effective June 23.

R.A. Archer, Control System Technician, 89242, to Section Chief, L4, L5 Repeater, MGT Modules & HIC Model Shop, 80548N, effective June 24.

W.A. Paquin, Tester, 81711, to Section Chief, T2 & T4 Regenerators, D3, D4, LT1 & T1/OS Bays, Assembly, Wiring & Test, 81939N, effective June 24.

R.A. Dandurant, Production Analyst, 84981, to Section Chief, Assembly and Wiring, MX3 Circuit Packs, 81815, effective June 24.

J.T. Fyrer, Accounting Specialist, to Section Chief, D4 Carrier Special Service Channel Units Assembly and Wiring, 81262N, effective June 25.

H.M. Baril, to Section Chief, D4 High Volume Plug-in Test, Inspection and Repair, 81275N, effective June 25.

D.F. Watson, to Section Chief, Miniature Coaxial Cord Section, 81793N, effective June 25.

R.A. Chooljian, Section Chief, 80573, to Section Chief, Crystal Filter Test, Inspection and Sealing, 80571N, effective July 1.

F.M. Arzoonian, Section Chief, 80571N, to Section Chief, Crystal Filter Wiring & Common Operations, 80573, effective July 1.

P.A. Lindley, Section Chief, 53MV113333, to Department Chief, Supplier Relation and Development at Guilford Center, North Carolina, effective July 1.

L.P. Corello, Personnel Studies Associate, to Section Chief, F-94 Generic Software, Section 27461, effective July 1.

W.F. Herzog, Senior Engineer, PLPM, Boston, to Department Chief, Lightguide Project Management and Model Shop Engineering, 21490, effective July 1.

R.A. Grazio, Accounting Associate, 03740, to Accounting Specialist, Department 03740, effective July 1.

J.C. Schaefer, Department Chief, Product Management - Lightwave Systems to Product Planning Manager - Operations Support Systems, Boston, effective July 1.

M.J. Huberdeau, Engineer Associate, 21740, to Section Chief, Contract and Machine Aided Drafting, 21746, effective July 7.

D.J. Sullivan, Section Chief, 89662T, to Section Chief, Quality Appraisal and Control, 80425T, 80465T and 80476T, effective July 10.

L.W. Belanger, Jr., Security Guard, 02134, to Section Chief (Lieutenant) Plant Security, 02130, effective July 15.

C.J. Espinola, Planning Engineer, 20210, to Department Chief, Equipment and Apparatus Drafting, 21740, effective July 24.

G.T. Little, Department Chief, 21740, to Department Chief, Project and Equipment Product Engineering, 21410, effective July 24.

W.L. Taft, Department Chief, 21410, to Department Chief, Analog Channel Bank, LT-1 and Echo Cancellor Test Development and Manufacturing Software Support Engineering, 21330, effective July 24.

NAME AUGUST DEPT.

25 yr. Ann.

Deroche, George J.	19	81834
Griffin, William B.	22	27640
Swanson, Emil B.	22	21340
Stone, Francis R.	25	89694

20 yr. Ann.

Dubois, Roland J.	22	84932
Garafolo, Antonia C.	22	89695
Gulezia, Robert C.	22	80471
LaPlume, Joseph R.	22	89274
Murphy, Charles F.	22	51422
Poulin, Norma A.	22	89824
Richardson, Varnum B.	22	89387
Towle, Eleanor P.	22	89693
MacDonald, Rita H.	23	81145
Wasco, Elaine C.	23	89841
Eaton, James A.	24	89388
Perkins, Frederick R.	25	89692
Vachon, Claire B.	25	84941
Lawson, Blandine M.	27	89825
Merritt, Nancy G.	27	89362
Mancini, John E.	28	81835
Bouchard, Richard L.	29	81923
Deschenes, Francis S.	29	81932
Dipietro, Biagio A.	29	81148
Halloran, William J.	29	80472
Huson, Edward J.	29	84936
Loureiro, Delia B.	29	89393
Nicolosi, Florence V.	29	89681
Perreault, Marie R.	29	89666
Pollitt, Joseph F.	29	27480
Pucci, Shirley K.	29	89844
Shaughnessy, Sarah B.	29	89321
Spinney, Ronald R.	29	84944
Anderson, Marjorie J.	31	03777
Gulezian, Martin D.	31	02322
Wildes, Richard A.	31	89694

15 yr. Ann.

Card, Gloria D.	24	81141
Muse, Madeline H.	28	89841
McCaughy, Michael J.	29	89331
Bruno, Rocco D. Jr.	30	23MV 51410

10 yr. Ann.

Gentry, James M.	20	02133
Gainey, Katie R.	26	81261
Gill, Helen J.	27	81271
Jurek, Justine M.	27	89316
Halupowski, Carol J.	29	27440
Shaia, Judith E.	31	11120

MOVES (cont.)

D.P. Farley, Department Chief, 20250, to Department Chief, High Frequency Coaxial Test Development and Engineering, 20250, effective July 24.

D.P. Dumas, Senior Engineer, 20210, to Department Chief, High Frequency New Design Equipment, 84750, effective July 24.

J.E. Prunier, Staff Trainee, 02191, to Section Chief, Thin Film Training and Process Checking, 8933D, effective July 21.

Y.A. Gibson, Bench Hand, 81774, to Section Chief, R/C Circuit, Bonding Inspection, Test & Repair, 89315-T, effective July 21.

B. Budron, Section Chief, 89315-T, to Section Chief, Special Assignment 8981A, effective July 21.

J. Fernandes, Assembler, 81931, to Section Chief, D1D Systems Assembly and Wiring, 81735, effective July 21.

M.T. Halkiotis, Layout Operator, 89814, to Section Chief, Crystal Plate Manufacturing, 89816-N, effective July 24.

F.J. Iuele, Jr., Record Clerk, 02111, to Section Chief, Microwave Radio Printed Wiring Boards and Panel Assembly and Wiring 80518-N, effective July 24.

R.L. Pepin, Tester Analyst, 81315, to Section Chief, T1 Line and T1 Office Repeaters Inspection and Test, 81114-N, effective July 24.

L.N. Beekler, Tester, 81554, to Section Chief, Microwave Radio Bays and Panel Assembly, Wire, Inspection, and Test, 80519T, effective July 24.

J.A. Kneeland, Tester, 81315, to Section Chief, Misc. Tel. & Tel., Mobile Tel., Auto Wire, N1 Channels, D2, L1, L3 Panels Inspection & Test, 81744, (Shawsheen), effective August 1.

R.J. O'Malley, Manager, Engineering-Transmission Products, MVW, to Director of Product Line Planning, Operations Systems, Morristown, N.J., effective August 1.

H.W. Turner, Manager, Engineering, Components, Facilities and Services, to Manager, Engineering-Transmission Products, effective August 1.

Z.C. Fluhr, Manager, Product Planning-Local Systems, Manufacturing Division, Switching Equipment to Manager Engineering, Components, Facilities & Services, effective August 1.

W.J. Sullivan, Department Chief, 81740, 81780, 81790, to Department Chief, L4, L5, L5E Panel and Bay Test and Assembly (F32 and F85) 80540, effective August 4.

J.J. Sayers, to Department Chief, 80530, 80540, Misc. PWB Assembly, Misc. Power Panel and L4 and L5 Repeaters (F31, F77 and F98) 80530, effective August 4.

A.L. Royer, Department Chief, 81220, to Department Chief, Misc. Carrier, Local Cable, Coaxial Cord and Mini-cord, 81740, 81780, 81790, effective August 4.

R.A. DeVincentis, Department Chief, 81520 to Department Chief, 81220 and 81130, effective August 4.

P.C. Grelle, Department Chief, 81550, to Department Chief, 81520, effective August 4.

ANNIVERSARIES (cont.)

NAME	SEPT.	DATE
45 yr. Ann.		
Adams, Joseph F.	9	03770
30 yr. Ann.		
Hopkins, Stewart W.	22	21300
Victor, Charles R.	25	27480
25 yr. Ann.		
Bennett, George H.	1	89271
Brooks, Beatrice C.	1	89674
Fortuna, Blanche K.	1	81943
Hogg, Ruth E.	1	89661
Kay, Rose T.	1	81221
Plourde, Shirley	1	81913

Rivard, Lucille L.	1	81314
Smart, John F. Jr.	1	89388
Vinci, Irene C.	1	89618
Zahoruiko, John F.	1	04000
Arnold, Clinton J.	2	84564
Pouliot, Leo J.	2	89312
Berube, Joseph A.	6	89232
Desantis, Albert	6	89383
Hall, Merle N.	6	81711
Hewett, Richard J.	6	89200
Jalbert, George A.	6	21510
Maroni, Theodore A.	6	10510
Nicosia, Richard J.	6	51413
Parenti, Florence F.	6	89674

NAME	SEPT.	DATE
Rapazza, Jeanne M.	6	21950
Sanzica, Joseph	6	84933
Ouellette, Louis R.	19	80475
Sargent, Francis W.	19	81221
Walsh, Sadie M.	19	81751
Adams, Nahum J. Jr.	20	89277
Becotte, Joseph A.	20	89236
Berube, Joseph T.	20	89274
Daigle, Jean M.	21	84941
Moron, Stanley J.	21	21320
Pace, Guy F.	21	81845
Schiavoni, Philip A.	21	81122
Desroches, Geraldine S.	23	81831
Beaulieu, Joseph H.	26	81121
Bedrosian, Michael	26	84562
Bilodeau, Muriel G.	26	89641
Cormier, Armand F.	26	89244
Dion, Paul J.	26	89691
Gablosky, Richard R.	26	84962
Gibbons, John C.	26	13321
Hanna, Henry A.	26	89332
Kus, Leslie C.	26	80473
Rock, Reieda H.	26	02333
Vitale, Anthony T. Jr.	26	03010
Wnek, Thadeus J.	26	27450
Laplante, Bernadette M.	27	81711
Synder, Francis	27	89842
Robinson, David H.	7	89397
Vermeulen, Florimonde J.	7	89248
Dennehy, Richard E.	8	03745
Ladd, Gordon C.	9	89681
Archambault, Arthur A.	12	02310
Buyck, Dana A.	12	89233
Donohue, Joseph E.	12	81942
Ducharme, Joseph	12	27580
Harris, Robert E.	12	27430
Kelly, William J.	12	80424
Kimball, Virginia E.	12	89824
Lacroix, Joseph G.	12	89834
Mirabito, Richard S.	12	21570
Miranowicz, Walter J.	12	84976
Pothier, Arthur L.	12	81851
Belair, Rose M.	13	89666
Kimball, Harry S.	13	03745
Fritzsche, Donald W.	14	81917
Quimby, Richard A.	14	21510
Williams, Robert J.	14	11382
Belmont, Robert M.	19	84947
Gill, Merlon P.	19	81994
Gorton, Robert R.	19	81915
Kilcoyne, Richard M.	19	81743
McCarthy, Charles E.	19	81141
Merrick, Irene L.	19	89841
Caron, Ernest B.	28	89611
Flanagan, David M.	28	81992
Tobey, Sumner A.	28	89381
Andrukaitis, Joseph F.	29	89381
Citron, Ted E.	29	81883
Pica, Dionilda	30	89813