

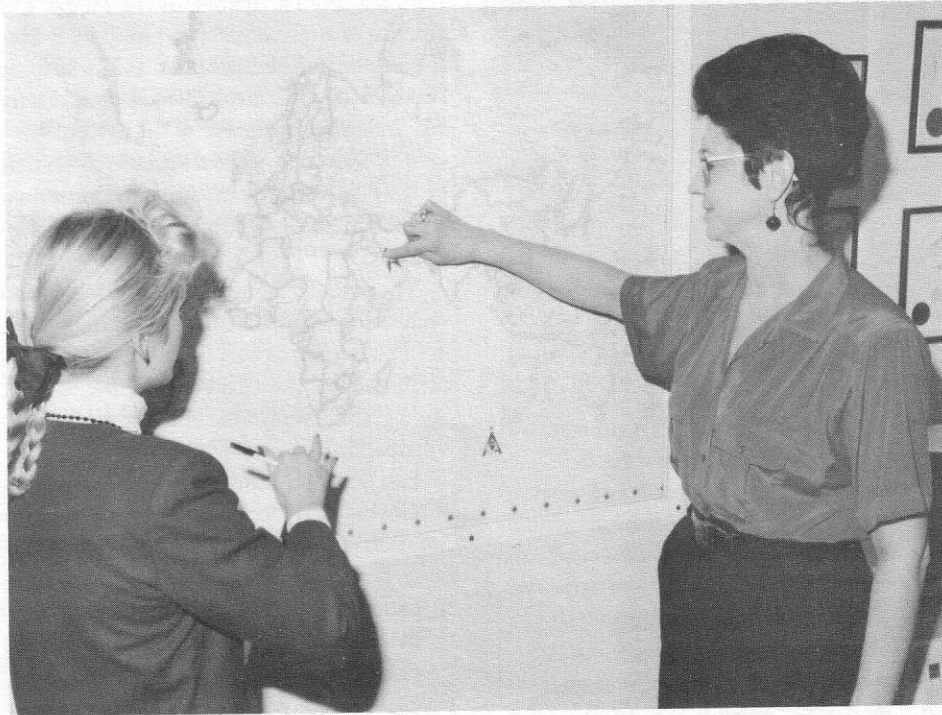
MELPARTICULARS

Volume 12, Number 1

E-Systems Melpar Division

March 1991

E-Teamers Back U.S. Involvement in War



Brenda Schomburg of Security points out on the world map where her son August was assigned in Saudi Arabia before the ground war began.

Like many Americans, Melpar's E-Teamers generally support the war in the Middle East but worry about the war's implications.

E-Teamers were interviewed randomly from all levels of the division during the last week of January. Two have close relatives serving in the Persian Gulf, while one is waiting to be called into reserve duty. The anxiety that comes with war is familiar to some through their previous experiences with the Vietnam War.

Hien Nguyen, a data entry operator in Accounting, has both a sister and a brother-in-law serving in the Middle East. She often writes her sister, Jean-Marie, and has even sent her a few "care" packages of cookies and other goodies.

"She loves beef jerky, so I sent her a lot of that," said Hien.

Hien, who is Vietnamese, knows war firsthand. She was 15 when she got out of

her native country at a time when there was a great deal of fighting going on. Her memories of the war in Vietnam make this war especially hard for her, she said.

"Nobody likes war," said Hien. "But it's something [Jean-Marie] has to do. I feel very proud of her. She's a brave woman."

Security secretary Brenda Schomburg is also becoming reacquainted with war. Her husband served in Vietnam, and now her son, August, is part of the 82nd Airborne Division in Saudi Arabia.

August, who is only 24, has already seen battle. During the U.S. invasion of Panama in 1989, August was wounded during the second day of fighting and was returned to the United States.

"It was a snap being an Army brat myself," said Brenda. "I loved every minute of it. I also enjoyed being an Army wife. But it's

Continued on page 3

Security Stepped Up

Current events have led to heightened security at E-Systems facilities. One of the most notable changes is the installation of a security guard post at the Fairview Park Drive entrance to the Falls Church facility. During off hours, all other entrances to the facility are closed. Anyone using the Fairview Park Drive entrance must stop at the station and be admitted by the guard.

Security has also increased patrols of the parking lots to check for unauthorized vehicles and any suspicious activity.

In addition, deliveries have been restricted. All deliveries, including mail coming in after normal working hours, is no longer being accepted unless prior coordination has been made with Melpar Security.

"These measures are important to enhance our overall security posture," said Warren Vollert, director of Security. "Employees can help by being aware of their surroundings and reporting anything suspicious or out of the ordinary."

As an employee, there are several steps you can take. When parking, try to park

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E-Systems Expands Military Leave Benefits

E-Systems announced in February an expansion of its benefits to employees who are members of the U.S. Military Reserves or National Guard and were activated as a result of the Desert Storm initiatives. Ranking as one of the most liberal and comprehensive military leave policies in the industry, E-Systems is now providing:

- Payment for up to six months of the differential between the reservist's base active duty pay and the pay he or she received at E-Systems prior to being activated.

- Retroactive payment of the differential pay beginning with the reservist's active duty date.

Continued on page 8

SECURITY STEPPED UP *Continued from pg. 1*

A guard at Falls Church's new security platform checks an entering visitor.

your car in the same place every day. This will allow you to become familiar with the vehicles driven by fellow E-Teamers. Make sure you have a Melpar sticker on your vehicle and report those vehicles without stickers to Melpar Security. Also, coordinate with Security any vehicle that will remain in the parking lot for an extended period of time due to company travel.

When entering either facility, make sure whoever you allow to go inside while you are opening the door is a properly badged Melpar employee.

If you need to make a report to Security, contact Bill Oldridge (FX-ext. 3876) or Jack Wilcox (FC-ext. 4184). **M**

Inside the Corporation

• **E-Systems Montek Division** and Bell Helicopter Textron have entered into a long-term business agreement for the purchase by Bell of E-Systems manufactured flight control equipment for Bell's new Model 230 intermediate twin-engine helicopter.

Initial orders for ship sets of E-Systems manufactured dual servo actuators and directional servo actuators for the Model 230 amount to approximately \$4 million. E-Systems estimated the potential business from Bell Helicopter Textron to be approximately \$25 million over the life of the agreement.

• **E-Systems received special recognition** by the U.S. Treasury in January at a national U.S. Savings Bonds conference in Washington, D.C.

The singular honor – for 18 consecutive years of leadership in employee participation in the purchase of U.S. Savings Bonds – was presented by the Treasurer of the United States, the Honorable Catalina Vasquez Villalpando.

Last year, 98.3 percent of all E-Systems employees participated in the U.S. Savings Bonds payroll deduction program. The Company has averaged nearly 99-percent participation for the past 18 years.

In accepting the award, John Kumpf, vice president of Corporate Communications, said, "We are not going to rest on our laurels. Our goal for 1991 is 100-percent participation, which has never been done before. We think we can do it."

• **E-Systems reported** in January record high year-end sales and earnings for 1990.

Sales for 1990 amounted to \$1.810 billion, compared to 1989 sales of \$1.626 billion.

Income from continuing operations for the year was \$94.3 million (3.02 a share) compared to 1989 net income of \$83.0 million (\$2.65 a share). (1990 net income includes a second quarter \$8.6 million, or 28 cents a share, charge against discontinued operations.)

In reviewing the results and the outlook for 1991, E. Gene Keiffer, chairman and chief executive officer of E-Systems, said, "Our backlog was close to last year's record level despite a one-year delay in the award of a major international production program worth several hundred million dollars. This award is now anticipated later this year."

Letter to a Soldier

Chase Wagner

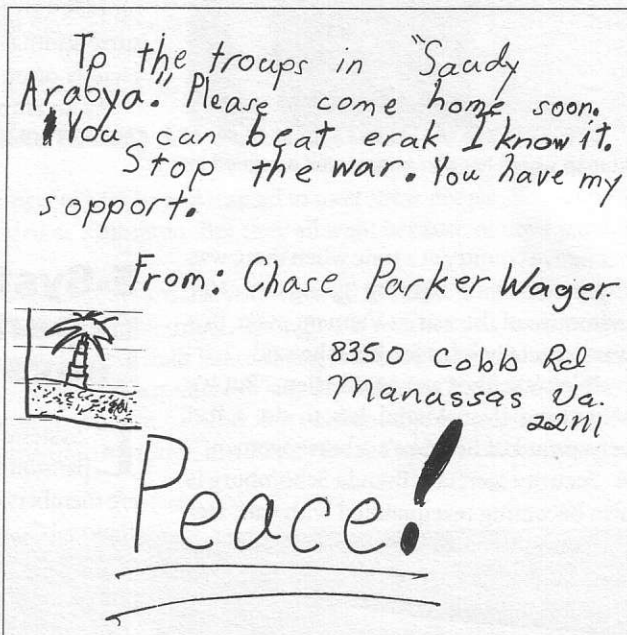
Assembler Debbie Wager's 7-year-old son Chase is deeply concerned about our troops in the Middle East. Debbie knew this when Chase began lighting a candle for the troops every night.

She later found a letter Chase had written to those men and women serving in the war.

"He folded it over and drew a stamp on it because he didn't want to wait for a stamp to mail it," said Debbie.

Debbie puzzled over where to send the letter until she bumped into Major Gauvin Gilbert from the Army side of the building while in the cafeteria. Major Gilbert knew just what to do and sent her an information sheet on where to mail letters to units supporting Operation Desert Storm.

"I made Xerox copies of the letter and sent a copy to Army, Navy, Marine, and Air Force units on land and on sea," said Debbie. "Just as long as one person gets a letter from Chase, he'll be happy." **M**



Continued on page 3

Security Spotlight . . . Security and Loyalty

Are the enemy agents really going to come to Fairfax County, VA, and break into this building and steal documents from the safe in our offices if we happen to leave it open? All of us like to think of ourselves as loyal and patriotic, but if we are careless with the nation's secrets, then we're not as loyal and patriotic as we think.

We are talking about national security here, not personal or group security, and that makes a difference. We have to take more precautions, so much is at stake.

You have no right to feel proud of the work you do if you're jeopardizing the results through careless security habits.

Remember Three Mile Island. Espionage, like a nuclear accident, may be relatively unlikely at any given time and place, but the damage which can result—affecting the entire nation—is so extensive that a high level of security is called for.

We need more than reasonable safety. We need a wide margin of safety. We need something close to absolute safety, and every security requirement makes some contribution to that margin of safety.

One reason it is unlikely that enemy agents will come to Fairfax County to get at a safe is that they know it is probably locked. If our vigilance were lessened, and it became common practice for physical safeguards to be neglected, we would probably see more attempts at direct access.

Security is not peripheral to what you are doing in the classified arena. What you are doing may be worthless if compromised—and worse than useless if stolen and used against us. Security is there to keep the odds in the prohibitive range and to keep the price of espionage as high as possible.

If classified work is worth doing, it's worth protecting. **M**

INSIDE CORP. Cont. from pg. 2

• **Serv-Air has been awarded** a contract by the U.S. Army Communication-Electronics Command to provide installation support services at Fort Monmouth, New Jersey. Overall value for this contract is expected to exceed \$100 million, including all exercisable options. This program encompasses support tasks equivalent to maintaining the infrastructure, utilities, and services of a medium-sized city. **M**

E-TEAMERS BACK WAR Continued from page 1



Hien-Nguyen holds pictures her sister sent her from the Gulf.

a little more difficult being an Army mom."

"Nobody wants war less than a military person and secondly, a military person's family," said Rose Shepperd, field service management assistant whose husband serves in the Air Force. "We're the ones who pay the biggest and ultimate price."

Despite their close relationship to the war, these women are all prepared to support U.S. actions. Others interviewed felt the United States had no choice but to use force in the region. What bothers them, they said, are the actions of those protesting the war.

"I get a little resentful seeing people protesting," said systems engineer Mike Walsh. "If those people are truly opposed to

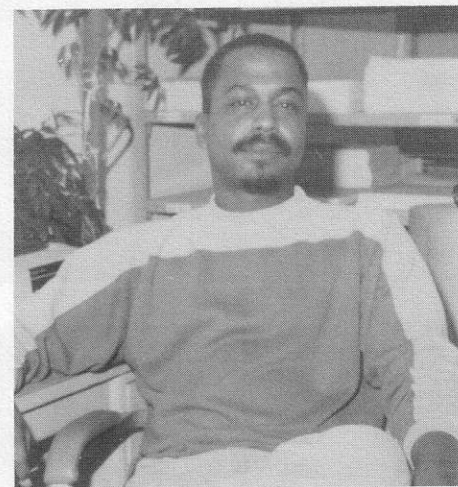


"The way Iraq has been increasing its war capabilities, facing them today is less devastating than facing them in five years," said Al Hastbacka.

the President's policies, there have got to be more creative ways to get their point across instead of trying to stir up a lot of emotions that were brought on in the Vietnam War. I don't think it's fair to the troops."

"I think the protesters live in a euphoric state," said Carol Lambiasi, a business analyst in Program Development. "They are against war because they think the world should be one happy place. Life just isn't that simple."

"I believe Americans have the right to



Falls Church stock clerk Marcus Walker said America plays an important role in protecting the Persian Gulf region.

protest," said Al Hastbacka, vice president of Strategic Development. "I guess if I were a protester, I would think twice about what I'm doing if Saddam is thanking me for my efforts to help him in the war."

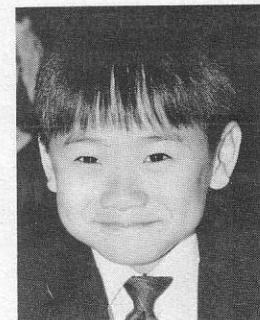
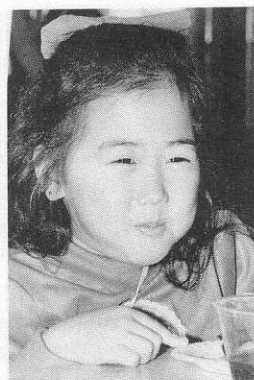
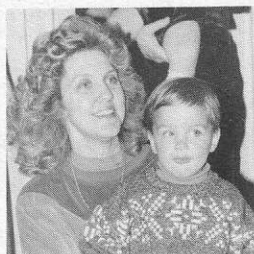
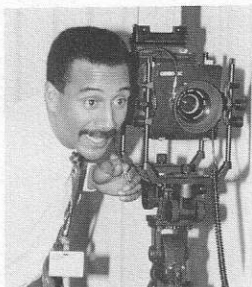
Finance secretary Michelle Phillips is one person who may still be called up. As an Army reservist, she has been told that she has a good chance of being mobilized.

Michelle, 26, said she is sad about the prospect of being away from her husband and two-year-old son. But she said she would be glad to help out in whatever way she can.

"You know what I really hate?" she asked. "Every time the phone rings, I think it's for me. I'm just now buying a house and don't want to leave. I guess I have mixed feelings about it all." **M**

* Holiday * Festival * Photos *

Photos by Vickie Tessier and Joe Baran



HOW TO DESIGN A QUICKER RAT'S NEST

Like most teams, the TQM project group at Melpar needed a name.

The TQM project itself involved reducing the time it takes to design and develop harnesses, which are groups of wires connecting signals from one area of an electronic unit to another. Because harnesses look like a bunch of tangled up wires or rat's nest, the group decided "Rat's Nest" would be an appropriate team name.

The Rat's Nest team had one goal in mind: to do the job faster. Designing harnesses was a complex, time-consuming task.

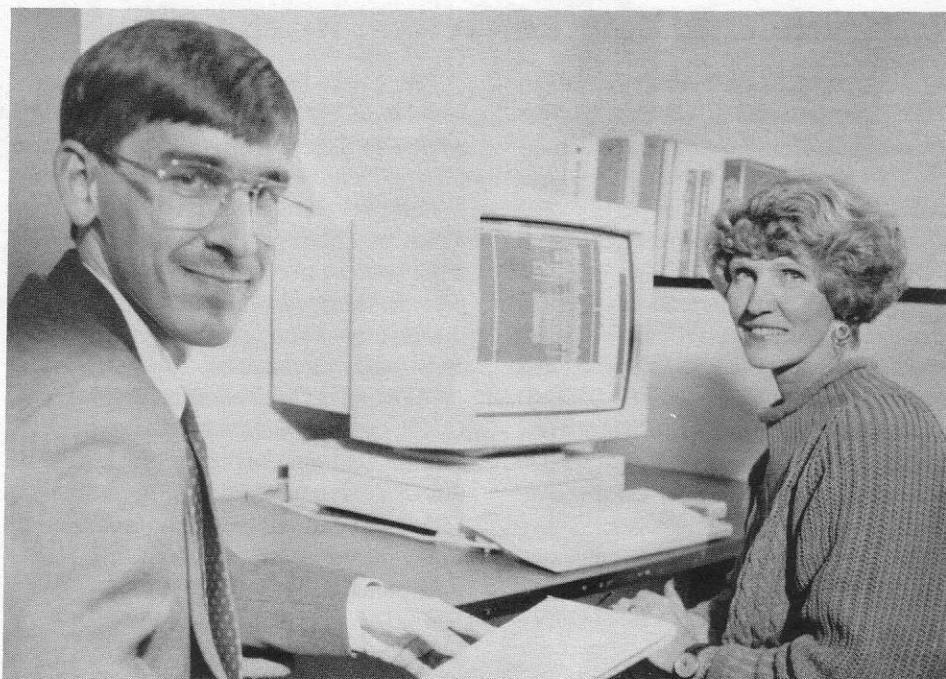
"All the design work was done manually and was prone to error," said Barbara Wolf, one of the electrical engineers who worked on the team. "Not only did it take a lot of time, but it always ended up being very costly."

The process was further complicated because it involved many different departments within the division, including electrical, mechanical and industrial engineering, drafting, and assembly. To make the process more efficient, an improvement effort had to include each department.

The first stage of harness design and development involves plotting out a list of points from which electrical wires will link to other points—a sort of connect-the-dots. These wirelists were historically generated by hand.

Once the wirelist was complete, mechanical engineering created drawings depicting the unit.

Later, the machine shop would construct a model of the designed unit. Using this model and the wirelist, industrial engineers would set about measuring the unit to determine how long the wires needed to



Jeff Peterson (left) and Barbara Wolf (right) use the VALID system to automatically develop a wirelist from a schematic.

be to reach from point to point. They used this information to create a formboard drawing for Assembly to use when building the harnesses.

The problem with this process was that the large amount of manual work led to mistakes. With so many points and so many wires, a wire incorrectly connected to the wrong point would bungle the whole system. And finding the faulty wire connection in a rat's nest of wires could be a nightmare.

"The whole concept of cable design in the past was trial and error—and more often error," said mechanical engineer and Rat's Nest team member Clarke Fowler. "The process was more of an art than a science."

To overcome these glitches, the TQM team set about automating the harness design process. Barbara Wolf, who was working on designing the wirelists, came up with an idea to write a software program that would generate a wirelist automatically from a schematic. Jeff Peterson, one of Wolf's coworkers, wrote the program on the VALID system.

"It was a challenge to make the program flexible enough to do all the processing," said Peterson. "It had to check for signal name matching, wire color at splice points, dangling wires and so on."

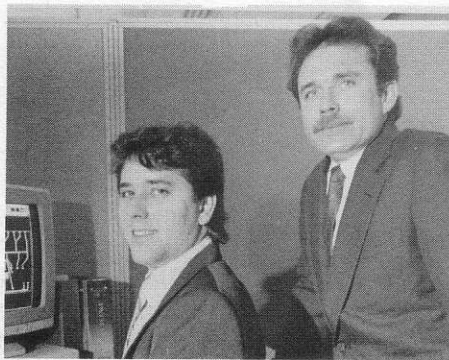
Taking the wirelist data, mechanical engineers John Rinn and Fowler re-created the information on a Unigraphics CAE (computer-aided-engineering) system and combined it with a three-dimensional model of the hardware. By doing this, the need to construct a model in the machine shop was eliminated.

What happened was that not only was the design time reduced, but also other problems disappeared too. The Unigraphics system could be manipulated to try out multiple designs—a technique that can lead to better harness designs.

"The advantage is that now we can spot interference problems, like a cable running through a wall," said Rinn. "By allowing us to do so-called 'what-if' designs, the new program keeps us from being handcuffed to one design."

Once the three-dimensional harness model was developed, the Unigraphics system computed the wire lengths needed and "flattened out" the model into a two-dimensional formboard drawing. Industrial Engineering no longer had to measure each wire and develop a formboard drawing from scratch.

Continued on page 6



Using the Unigraphics system, John Rinn (left) and Clarke Fowler (right) develop a 3-D model of the unit and the harness and then generate the harness formboard drawing.

Understanding Your Behavioral Health Benefits

As of January 1, 1991, behavioral health benefits offered to E-Systems employees have changed. The following set of questions and answers is meant to help employees understand the new benefits.

What has changed in employee behavioral health care benefits?

E-Systems has contracted with Planned Behavioral Health Care (PBHC) of Dallas, Texas, as the new provider of mental and behavioral health care benefits. Though headquartered in Texas, PBHC will provide services to Melpar employees directly and in conjunction with COPE, our existing Employee Assistance Program provider.

The difference is that E-Systems has separated the behavioral health benefits from the medical benefits. This means we now have two Managed Care programs: Cigna for medical benefits and PBHC for behavioral health benefits.

How do I access these benefits?

Your first step toward receiving behavioral health care benefits is to contact COPE (Melpar's Employee Assistance Program). Your situation will be handled by COPE in an effective, confidential manner. Short-term counseling is available in COPE offices for up to eight visits at no cost to the employee or dependent. Employees may also receive free 24-hour telephone counseling. Once it is determined that a referral to a mental health provider is necessary, COPE will contact PBHC.

Like Cigna, PBHC has a network of preferred providers. PBHC will make the needed referral to a mental health provider in its preferred provider network. The referral will be made authorizing a fixed number of visits, which vary from person to person. Should more visits be necessary, the mental health provider must first contact PBHC to authorize further visits.

How much does it cost?

When an E-Teamer or dependent utilizes COPE, there are no costs to the employee. Sessions held with the professional following the COPE referral will cost the E-Teamer \$10.00 per visit. All other costs will be filed by the mental health provider with PBHC.

What are the restrictions, if any?

COPE must be called prior to accessing any services. Without precertification under the Behavioral Health Managed Care program, there will be no payment for services.

What happens if there is an emergency and precertification is not possible?

In the event of an emergency admission, where precertification with COPE or PBHC was not possible, you must notify COPE or PBHC within 48 hours. Failure to do so will result in loss of benefits. The numbers for COPE and PBHC are:

COPE	703-646-5100 1-800-247-3054
PBHC	1-800-492-4357

How do I get prescriptions?

Medication prescribed by your PBHC preferred provider may be handled either through mail order or through your local pharmacy.

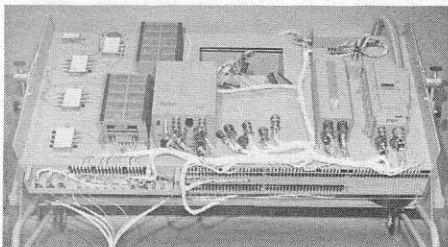
If the prescription is needed immediately, take it to your local pharmacist. Pay the full amount of the prescription and keep the receipt. You must then fill out a claim form and submit it to PBHC with the prescription receipt attached.

When your prescription can be filled within a 10-day turnaround time, mail the written prescription in one of the postage-paid envelopes available in the Benefits Office to Advance Home Prescriptions, Inc. Your order will be filled within 24-48 hours from the day it is received. It will then be mailed to your home address. *Note: Ritalin prescriptions cannot be obtained through mail order.*

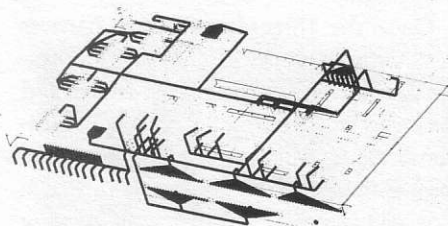
How much do I have to pay for prescription drugs?

Prescriptions for generic drugs will be reimbursed 100 percent. In case of brand name drugs, employees will be responsible for a \$3.00 copayment for each 30-day supply of each drug. The \$3.00 copayment will be deducted from the amount reimbursed when your claim is paid by PBHC. *Prescriptions will not be reimbursed unless the physician writing the prescriptions is the doctor to whom PBHC has referred you or a covered dependent* **M**

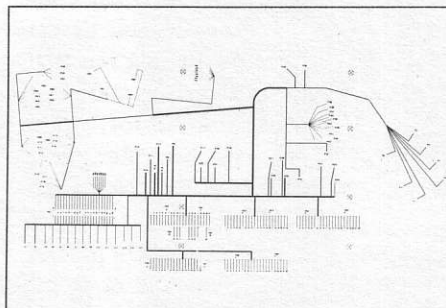
RAT'S NEST Cont. from page 5



"Rat's nest" harness installed in an electrical unit



3-D model of unit incorporating the routed harness.



Flattened out harness diagram is used as the formboard drawing.

The improvements worked. In fact, the first time the new process was tried, no connection errors were found.

"In this situation, we found that better quality and shorter schedule went hand-in-hand," said Melpar's TQM coordinator Lynn

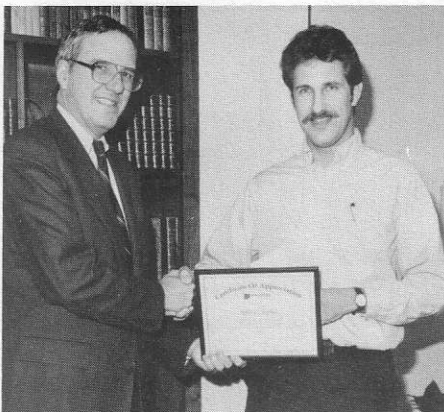
Garland. "Although the original intent was to reduce the cycle time, we ended up with better designs all around."

"This team's success was due to the communication between the different departments and the participation by all the key players," said Garland. "Together, they designed the Rat's Nests faster." **M**

Rat's Nest TQM Team

Wayne Thomson	Tim Chase
Lynn Garland	Clarke Fowler
Charlie Clattenburg	Frank Hale
Joe Andahazy	Bill Moyer
Deiter Billick	Barbara Wolf
John Cerio	

Suggestion Awards for January



Four awards were presented to employees in January for their cost-saving suggestions.

John Fisher (left), a data network specialist in Information Services, received a check for \$100 from Vice President and General Manager Talbot Huff for his suggestion. Fisher proposed replacing the leased modems used to communicate with computer mainframe users in Falls Church by purchasing other modems instead. Fisher's suggestion is estimated to save the Company over \$31,000 in a two-year span.

Also receiving awards were Neil Davis, Barbara Wolf, and Jeff Peterson—all of Fairfax engineering—for their combined suggestion to generate wirelists from a software program. (See related story, page 6). Along with a certificate of appreciation, each suggester received a check for \$500. **M**

Fire Alarm Safety

The fire alarm systems at Melpar serve an important function: to warn of an emergency situation. Therefore, when they sound, it means the area must be evacuated. When we disregard the alarms, we are disobeying company rules and violating county ordinances.

It is important that we leave the buildings when an alarm rings, even when the alarms are being serviced. When public address announcements advise us to disregard the alarms, we should still take a moment to briefly check our area, just in case there could be a problem.

Remember that the alarms could signal alert conditions other than fire, such as a natural gas leak, flooding, a bomb threat, or some other evacuation emergency. **M**

1991 Maximum Social Security Tax Increased 3.55%

Following all-night marathon legislative sessions, Congress finally enacted the fiscal 1991 budget bill during the last weekend of October. It included new provisions relating to Social Security and Medicare.

The maximum payroll tax for Social Security and Medicare you, as an employee, will have to pay has increased from \$3,924 in 1990 to \$5,123 in 1991. This means that you do not pay any tax on earnings over the maximum taxable amount. This amount is \$53,400 in 1991 for Social Security (up from \$51,300 in 1990) and \$125,000 for Medicare.

Included in this amount are two separate payroll taxes withheld from your wages. For most purposes, they are simply added together and treated as one amount. Social Security taxes 6.20 percent of your income while the Medicare tax is 1.45 percent. Together, the two taxes add up to 7.65 percent. This combined tax is the percentage of your pay you see listed as FICA on your paycheck.

Melpar matches dollar-for-dollar what you pay in Social Security and Medicare taxes. Remember, whatever amount of tax you pay, twice that amount will be added to your Social Security account in 1991. **M**

Social Security Tax Table

1990		1991
\$51,300	Base	\$53,400.00
3,924.45	Employee Tax at 7.65%	\$4,085.10
3,924.45	Company Tax at 7.65%	4,085.10
None	Additional Max Employee Tax	1,038.30
None	Additional Max Company Tax	1,038.30
3,924.45	Max Employee Tax	5,123.40
3,924.45	Max Company Tax	5,123.40
7,848.90	Max Total Tax	10,246.80
	Max \$ Increase	2,397.90
	Max % Increase	30.55

The 7.65 percent tax rate consists of 6.20 percent for Social Security (Old Age, Survivors and Disability Insurance) and 1.45 percent for Medicare Hospital Insurance.

IRS Tax Help Phone Numbers Have Changed

The toll-free telephone assistance numbers for the Internal Revenue Service changed Oct. 1, 1990.

The new numbers have an 829 (T-A-X) prefix which will make it easier than ever for you to reach the IRS with your tax questions or requests.

Taxpayers still dialing the old telephone numbers will receive a message providing the new tax numbers.

The IRS is committed to quality service, and these changes will help in achieving this goal.

The IRS numbers are:

Federal tax questions:
1-800-TAX-1040

Tax forms/publications:
1-800-TAX-3676

Tele-Tax/refund info:
1-800-TAX-4477

TTY/TDD for the Deaf:
1-800-TAX-4059

MILITARY BENEFITS Cont. from pg. 1

- A Company paid \$50,000 life insurance policy while on military leave.

- An employee's military leave is extended from six to twelve months or until released from active duty, if such is sooner.

- Extension of dependent medical and dental insurance coverages for the duration of the leave, with premiums paid by the dependent.

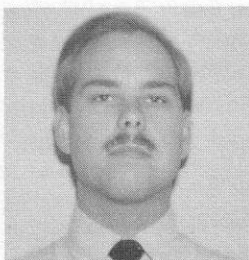
- The organization of voluntary employee support groups to aid employees and dependents of active reservists in their adjustment to the stresses evolving out of Desert Storm.

E-Systems looks forward to the safe and speedy return of all E-Teamers and others who are serving their country and awaiting a happy reunion with families and friends. **M**

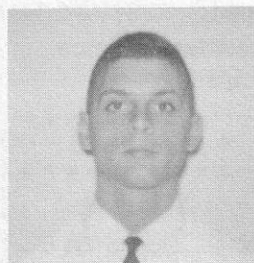


Called to Active Duty

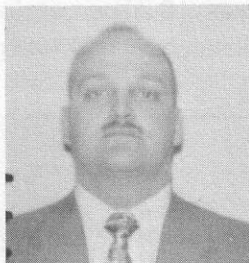
Melpar is proud of these E-Teamers called to active duty to support Operation Desert Storm.



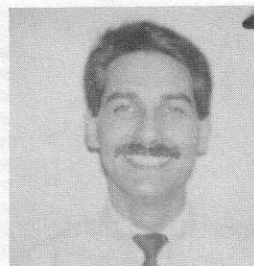
Brian Decker
Electronic Systems



Tim Earhart
Contract Stock Room



Doc Godshall
Logistics



Victor Mercado
Special Programs



Teri Mulrooney
Systems Development

Movers and Shakers

Falls Church

W. B. Anderson
M. E. Brown
D. G. Donahoe
J. W. Drzal
C. D. Fairchild
T. L. Fulcher
M. J. Fullen
G. M. Granum
A. R. Heidt
D. D. Hinebaugh
M. L. Holbrook
T. R. Ireland
M. D. Lawrence
P. M. Lewis
M. E. Manis
D. B. Moffett
W. J. Pallone
K. B. Powers
T. J. Shusta
K. L. Statler
C. H. Thurber Jr.
S. A. Winters
D. C. Witcher
L. K. Woodward

Promoted From:

Eng Tech
Program Analyst
Assoc Cost Analyst
Sr Elec Cont Tech
Jr Eng Asst
Assoc Log Analyst
Programmer
Programmer
Sr Eng Tech
Fld Elec Eng
CAD/CAM Mech Spec
Sr PC Fab Spec Gr Ldr
S/W Analyst
Sys Eng
Sr Program Analyst
Programmer
S/W Eng Supv
Sr Data Entry Opr
S/W Analyst
Test Tech 2C
Sr Sys Eng
Program Analyst
Sr Sys Prog
Jr Acct Spec

To:

Jr Eng
Sr Program Analyst
Cost Analyst
Fac Design Eng
Eng Asst
Log Analyst
S/W Analyst
S/W Analyst
Jr Elec Eng
Sr Fld Eng
CAD/CAM Mech Spec Gr Ldr
PC Fab Supv
Sr S/W Analyst
Sr Sys Eng
Assoc Program Mgr
S/W Analyst
S/W Dev Mgr
Jr Acct Spec
Sr S/W Analyst
Test Tech
Princ Sys Eng
Sr Program Analyst
Supv Tech Support
Acct Spec

Fairfax

Y. C. Barker
E. R. Conrad
M. R. DeVine
M. Dumal
G. L. Ehlers
F. E. Elliot
M. W. Greenawalt
C. J. Hancock
H. L. Hansen
D. M. Hepler
C. B. Johnson Jr.
P. M. Korenkiewicz
T. H. Nguyen
W. P. Quantrille
E. A. Shull
A. R. Tinney
M. A. Trbovich
J. H. Webber
M. L. Werking
M. F. Wysocki

Assem 1C
Elec Eng
Fld Design Eng
Sr Eng Asst
Sr Eng Asst
R & I Clerk
Maint Mech
Sr Test Eng
Sr Elec Eng
Elec Eng
Fld Design Eng
Reliability Eng
Assoc Test Eng
Cont Adm
Sr Elec Eng
Sr Test Eng
Sr Test Eng
End Spec
Sr Fac Arch
S/W Analyst

Assem Tech
Sr Elec Eng
Sr Design Eng
Sr Program Analyst
Test Supv
Sr R&I Clerk
Maint Mech 1C
Princ Test Eng
Princ Elec Eng
Sr Elec Eng
Sr Design Eng
Sr Reliability Eng
Test Eng
Sr Cont Adm
Princ Elec Eng
Princ Test Eng
Princ Test Eng
Fac Arch
Eng Supv
Sr S/W Analyst

Service Awards for January/February



Benton D. DeGroot
40 Years



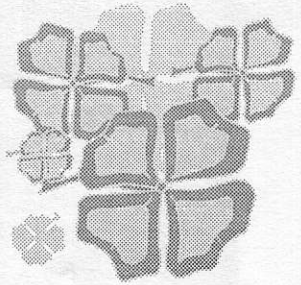
Michael Dumal
35 Years



Jennings R. Ross
35 Years



William D. Hixson
35 Years



Twenty-five Years

Roy D. Bailey

Twenty Years

Eugene E. Jacob
Ethel G. Minnick

Fifteen Years

Dennis E. Nickle

Ten Years

Regina S. Bonner
Leroy Collins Jr.
Deborah E. Greenstreet
Paul B. Gural
Steve R. Lovewell
William M. Perry
Frederick L. Wahl
Joseph J. Yavulla Jr.

Five Years

Charles T. Abshire Jr.
Maurice T. Bell
Robert J. Bohannon
Donna G. Cafarella
Conrad S. Clairmont
Deborah J. Cook
Edencio A. Fernandez
Charles R. George
Tomi S. Gobantes
Edward F. Hagen
Jerold A. Howsden
Grace A. Jenkins
Jack W. Jenkins
Fredrick M. Kaufman
Gary L. Kelley
Terence S. Kennedy
Bill J. Kyker
Michael S. Logan
Timothy S. MacBeth

Nancy D. McFall
Gary J. Meyers
Sandra M. Olson
B-Lien N. Pham
Robert B. Rittler
Christopher W. Robertson III
Deborah A. Sammons
Anna E. Sanders
Wilbur D. Sheridan
John A. Tanes
Glen T. Welch
Jackie V. Wilcox



ACADEMIC APPLAUSE

Congratulations to the following recent graduates!

Phelicia Boone	B.S.	C.I.S.	Strayer College
David Figueroa	M.S.	Electrical Engineering	George Washington University
David Neiss	M.S.	Electrical Engineering	Johns Hopkins University
Tricia Reneau	M.A.	Journalism & Public Affairs	American University
Kerry Rowe	M.S.	Software Systems Engineering	George Mason University

Melparticulars

Published by
E-Systems Melpar Division
7700 Arlington Boulevard, Falls Church, Va. 22046

Editor: Tricia Reneau

Photographers: Lucy Murphy, Joe Baran,
John Newett, Vickie Tessier

Production: Mary Wohlford

Printing: Doug Dreibelbis

Contributors: Linda Frazier

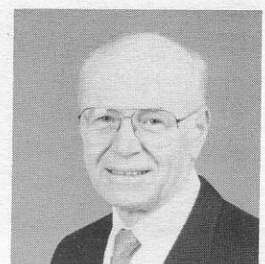
Retirees



Gordon F. Morgan
33 Years

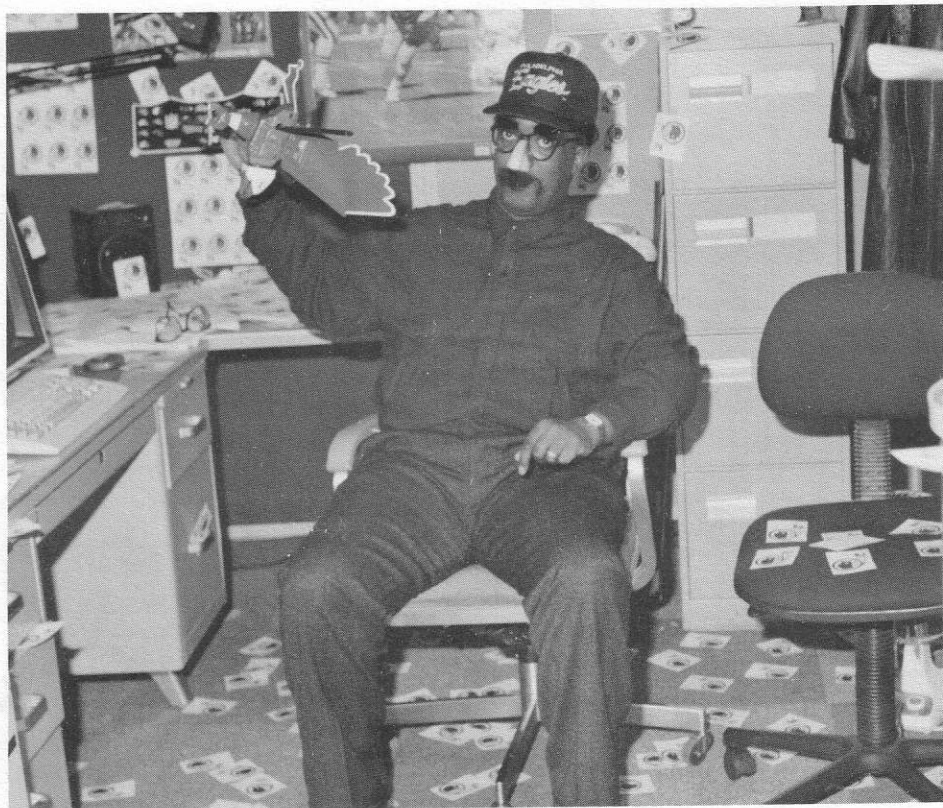


Frederick A. Behrens
33 Years



Charles Wild
27 Years

Sports Corner . . . Eagles Fan Gets Scalped



Lead design engineer George Crawley endures the backlash inflicted by his colleagues following the Washington Redskins' victory over the Philadelphia Eagles.

George Crawley is out of his element. As a Philadelphia Eagles fan, Crawley takes a lot of flack from the multitude of Washington Redskin fans in the Drafting department. But some of that flack is well deserved.

Days before the Washington/Philadelphia playoff game in January, Crawley boasted of the Redskins' imminent defeat.

"It was supposed to be a sure win for the Eagles," said Crawley. "I taunted and teased all my Redskin-fan colleagues. I was beyond cocky. I was merciless."

To Crawley's dismay, however, the Skins shot down the Eagles' hopes of advancing further in the playoffs.

On the Monday morning following the game, the humbled Crawley donned a fake nose-and-glasses ensemble in a fruitless effort to conceal his identity.

"As I walked into the PCB design area, a crowd starting following me, and I knew my disguise wasn't working," said Crawley.

Upon entering his office, he found over 4,000 Washington Redskin logos blanketing every corner and a plastic eagle impaled by an arrow.

Subdued from his earlier mockery, Crawley congratulated the Redskin fans and reminded himself that, in football, there's no such thing as a sure win. **M**

Melpar Skiers Venture to Killington, Vermont

One went because he was new to Melpar and wanted to meet some people. Several went because they'd never skied at Killington. But they all went because of their passion for skiing.

Melpar's annual ski trip took a different turn this year when 10 E-Teamers and two of their friends headed north to the mountains of Vermont. Though the weather was warmer than expected, the bigger mountains and longer trails led to skiing that excelled previous trips.

The first day brought rain, and some skiers chose to stay dry indoors. The last three days, however, were sunny and warm enough for comfort, but cold enough for good skiing. All in all, everyone wound up a little tired and sore, but happy for the opportunity to practice a favorite pastime. **M**



1991 Melpar Skiers (left to right) Eldon Mack, Tom Plesko, Mike Clifford (Killington Ski trip coordinator), Phillip Winslow, Tricia Reneau, J. P. Osterwalder, Jimmy Phan, Tony Little, Dave Fortney, Paul Kopach, Chuck Beldy, Wayne Lummis and Bob Thomas.

Bowling League Wraps Up Season's Half

The Melpar Bowling League concluded its first half season with team #2 the winners. Mary White's "Wild Bunch", Alice Nash, Larry White, Reggie Rich, Joe Bondra, and Mary racked up 40 wins and 24 losses. If they can keep up this tempo, they will take it all, but if another team comes out on top at the end of the second half, there will be a roll-off for the championship. Good luck and good bowling.

In another effort, Joe Bondra qualified with Bowl America to compete in the *Star of the Week* competition by bowling most pins over his average. In that competition, he represented Melpar well by winning in November and received a plaque naming him *Star of the Month*. This allows him to continue, competing against top bowlers in the area for a trip to Hawaii. Good luck Joe! **M**