

# MELPARTICULARS

Volume 14, Number 8

E-Systems Melpar Division

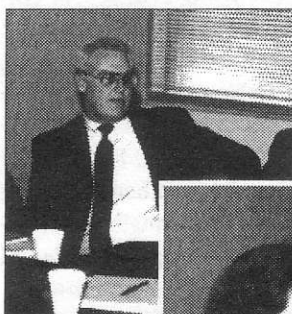
December 1993

## Division Moves Forward to Becoming the New Melpar

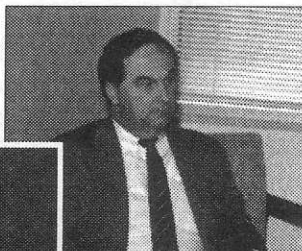
**B**est value. Quick response. Empowered employees. These are the messages coming from all-employee meetings on the vision of Melpar's response to a changing marketplace.

look like. The result is a more focused organization made up of three key "process areas": Business Acquisition, Product Delivery and Infrastructure Services. Each of these areas will have renewed customer focus, both external and internal.

as part of a project team or will support a project. Because employees won't be limited to particular jobs, more cross-training will result.



Randy Smith



Sam Alexander



Dorian Witcher



Lynn Garland (left),  
Al DeFazio



Steve Sommer (left),  
Mark Neuhausen



Nancy Dubiell (left), Frank Nadal

The reengineering of the Melpar Division is in full swing and is moving toward a new organizational design. The transition to this new structure will be a key objective of 1994.

Why change? The reasons were easy to find: the defense market is shrinking, our customers now emphasize commercial off-the-shelf (COTS) hardware and software systems (not the completely custom-made systems we're accustomed to), and Division bureaucracy impaired our competitiveness.

Once this need for change was clear, Melpar's new General Manager Dr. Larrie Judd and members of the Committee of the Future pictured above began the reengineering process designed to strengthen the Division's ability to compete and enter new market areas.

The Committee of the Future, or COTF, meets weekly. With the help of Dr. Judd and several subcommittees, the COTF developed plans for what the new Melpar will

Business Acquisition will focus on growth. Product Delivery involves all the processes needed to fulfill customer orders, including procurement, engineering and manufacturing. Infrastructure Services supports the first two processes through human relations, finance and accounting and other means. It also interacts with customers through activities such as ensuring compliance with government regulations.

Probably the most significant change between the old and the new structure will be within the product delivery process. Product delivery will have three components: business segment projects, a resource pool and support. Here, employees will either work

"The idea of the resource pool is to break down the fences that kept people from demonstrating what they could do if they were not pigeon-holed into one job," says Dr. Judd.

Behind this skeletal framework

*Continued on  
page 2*



## Where We Stand



As we wrap up the year, it is a fitting time to review where we have been and where we have come. I've been here about four months now and can see we have made some real progress in terms of deciding how we will operate in the future. We are clarifying what products we have, what markets we want to be in and what our overall new structure will look like in the future.

One of the things I see we still need to do to facilitate our new plan is to meet with you and get your thoughts. We have made some steps in the reengineering process but have more work to do. My meetings with you have been productive, and I want to thank everyone for the support I have received since coming onboard. I am most confident that, with your help, we can succeed in bettering our business base.

My family and I extend our best wishes to your family for a joyous holiday season and a happy new year.

### Members, Committee of the Future

Sam Alexander	x1954
Bruce Dautrich	x3852
Al DeFazio	x1975
Nancy Dubiell	x1543
Lynn Garland	x4572
Dennis Krausman	x7156
Frank Nadal	x1957
Mark Neuhausen	x1535
Randy Smith	x7081
Steve Sommer	x1991
Dorian Witcher	x4521

### NEW MELPAR Continued from page 1

stands the Division's Vision Statement. "Its purpose is to provide a single songbook that we can sing from," says Dr. Judd. "It's a yardstick that represents our values as a company. As we move along in our day-to-day business, we can look back at the vision statement and see if what we're doing is in line with this yardstick or contradicting it."

The Vision Statement includes one of the first hard numbers to be used in setting aggressive goals, that is, 30 percent average annual growth in non-traditional markets. The COTF quickly followed with another goal: doubling Melpar's current bookings in three years as opposed to the original plan of five years.

"These are aggressive goals," says Dr. Judd. "But the idea of reengineering is not just to tune up our organization. Establishing these goals kind of turns up the burner on the intensity of change. We may not get it right the first time, but then we'll change again."

## We're Continuously Improving!

by Kathy Reeder

Melpar needs to know about your good ideas. Employees are encouraged to submit suggestions and cost avoidance/reduction reports to the Continuous Improvement Working Group (CIWG). It's easy to make a suggestion through e-mail or via the suggestion boxes.

All employees who have e-mail accounts can use the network to submit suggestions. To obtain instructions, simply send a mail message to the address sugbox@fc with "help" as the subject. You can leave the message blank; the suggestion mailer will mail back instructions. To get a blank e-mail suggestion form, send a mail message to sugbox@fc with "form" as the subject. You will receive a one-page blank suggestion form by e-mail. Just fill it in, change the subject line to a brief suggestion title, and send it back to sugbox@fc by return mail.

There is also a suggestion box in the Falls Church cafeteria by the cashier stations and one at the University Center employee entrance. Blank forms (PRF-0018) are located next to the boxes. Fill out the form and place it in the box. Employees may also complete a Cost Avoidance/Reduction Report, form FAF-

Action, even if an error occurs, is better than no action."

So what is the bottom line? Initially, the COTF and its subcommittees plan to stimulate the Business Acquisition process in an effort to increase our new business. The refocusing of the organization may affect employees as they are reallocated to business pursuits and new internal processes. The goal is to eliminate inefficiencies while providing more value to the customer.

Dr. Judd notes that changes to the new Melpar will not cease after the first of the year. A separate meeting room has been set aside for the COTF which continues to meet and direct ongoing change. All employees are invited to share their ideas and inputs through either their supervisors, the COTF or directly with the Office of the General Manager: Al Jackson, Larry Cecchini and Dr. Larrie Judd. To reach the COTF, either contact a member personally or mail your suggestions to mail stop N314 or cotfsuggestions@fc via e-mail. **M**

9004 (printed on demand), and place it in the suggestion box.

Tom Thomas and Terry Fulcher each received \$250 in November for their suggestion to pre-issue paperwork for GFP calibrations, saving Melpar both time and money.

Mike Sassone suggested reducing ECN distribution costs by indicating the need for a copy on the form. He also recom-

*Continued, page 5*



Vice President and General Manager Dr. Larrie Judd (right) presents Steve Lovewell one of the highest monetary awards in the suggestion program's history.



## Melpar to Focus On HTSC Program

Melpar's High Temperature Superconductivity (HTSC) program received a healthy funding boost in September when \$10 million was added to the effort with an \$11 million option in 1994 by the Air Force's Electronic Warfare Division of Wright Laboratory.

The additional \$10 million in funding will support continued materials research. One specific focus will be hybrid structures. One of the problems in the research performed so far lies with the insulation between the layers carrying electricity.

Previously, researchers tried to deposit or "grow" HTSC layers upon an insulating layer called a dielectric. This technique proved difficult, however. The researchers then turned to separately growing the HTSC layers directly on the individual substrates, then sandwiching two of these substrates together with a dielectric layer in the middle.

In addition, the new funding will go toward enhancing the computer-aided-design (CAD) tools for making the blueprints of these superconducting multichip modules (MCMs). Cryo-electronics issues will continue to be addressed under this new contract as well. Such issues include establishing design rules for electronics that must operate at the extremely frigid temperatures required by superconductors. Also in the works is a cryo-cooler, or super-refrigerator, that can work with both su-

perconducting and conventional electronics. Cryo-coolers answer the thermal management problems posed by faster, higher density conventional electronics.

Melpar first won the HTSC contract in 1991. All phases of the contract were awarded by the U.S. Air Force and sponsored by the Advanced Research Projects Agency. The \$10 million award in September brings the total amount awarded to over \$30 million. Under the contract, Melpar is leading a team of several university and industrial partners from around the nation applying HTSC technology to dual-use applications.

HTSCs, or warm superconductors, conduct electricity with virtually no resistance. That ability makes them ideal for uses in electronics where large numbers of interconnects are required.

The HTSC program involves using high temperature superconducting interconnects in MCMs. Since chips on MCMs are packed closely together, HTSCs provide the ideal thin connections that need to fit in such tight spaces while carrying the necessary power. The result is a powerful boost in performance while dramatically shrinking the size of the electronics. The Division demonstrated these superconducting MCMs in a heat-detecting infrared focal plane array earlier this year and has plans for a similar demonstration in a high performance digital receiver. **M**

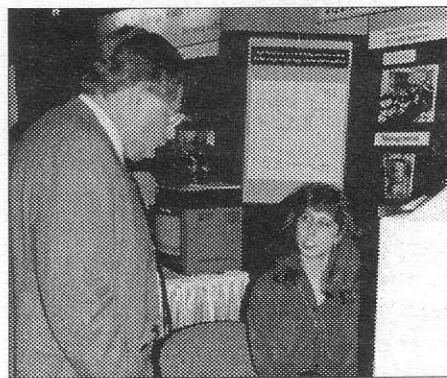
## Commercial Technologies Go on the Road

E-Systems Melpar and Garland Divisions, together with the George Washington University, demonstrated the competitive edge of a university/industry partnership in converting defense technologies to medical diagnostic applications at a trade show in December.

The demonstration at the High Performance Computing and Networking show in Reston, Va., involved local area networking technology and mass memory systems from E-Systems, supercomputers from Cray Research, Inc., a high-speed wide area network from GTE Government Systems and a simulated medical application from the George Washington University.

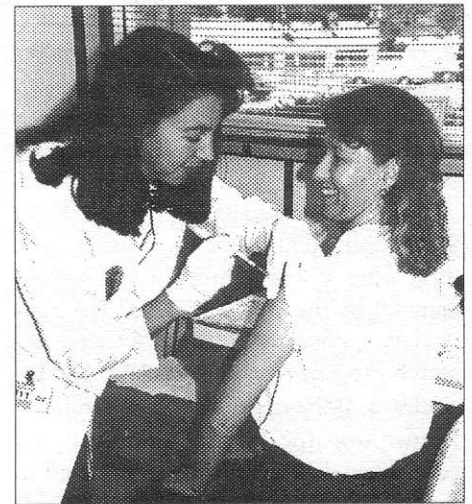
The presentation showed how information superhighways can enhance patient care while reducing health care costs. Specific benefits are: (1) Efficient use of physicians'

and radiologists' time; (2) Timely treatment of patients; (3) Elimination of redundant, costly diagnostic procedures; (4) Efficient management of patient records. **M**



Melpar Electrical Engineer Lori Brown (right) demonstrates medical networking technologies to GWU President Stephen Joel Trachtenberg.

## Stick it to Me



Senior Planning Specialist Debbie Dokken grins as a nurse from the Visiting Nurse Association of Northern Virginia administers a flu vaccine shot. Debbie was one of 185 E-Teamers who signed up for the \$15 shots. This year's flu season is expected to be one of the worst, and employees were eager to prevent becoming statistics of the dreaded Beijing strain which is said to cause severe flu symptoms. **M**

## Inside the Corporation...

*E-Systems and Cray Research* have entered a joint marketing and reseller agreement for the EMASS® massive data storage products. The agreement calls for the companies to jointly market and sell the EMASS mass storage products worldwide, including Japan. Primary target markets include Cray Research's current customer base in which there is a growing demand for data storage systems that can keep up with the processing power of Cray Research supercomputers.

A new regional office opened in Singapore by E-Systems in November. Bill McNulty was appointed manager and will cover areas including Singapore, Malaysia, Indonesia, Thailand and Brunei.

*HRB Systems, an E-Systems Company*, has entered into a five-year Cooperative Research and Development Agreement (CRDA) with the United States Air Force Academy, Department of Foreign Languages. Under this agreement, HRB systems will work with the USAFA to enhance, commercialize and market computer-aided foreign language instruction applications. **M**

## September Bookings Continued

In the October issue of *Melparticulars*, we reported significant bookings increases in September. In addition to the contracts reported, awards were also won that represented new business for the Division.

Melpar increased its High Temperature Superconductivity program's value by a third when it was awarded a \$10 million contract by the U.S. Air Force. The contract is sponsored by the Advanced Research Projects Agency, or ARPA, and includes a 1994 option of \$11.4 million. Melpar won the first part of the HTSC contract in 1991 when it was selected to lead a university/industry team in providing the United States the capability to use high temperature superconductivity technology in dual-use applications. (For more information on this newer contract award, see accompanying article on page 3).

Melpar was also selected by ARPA and the U.S. Air Force to study the feasibility of a militarized version of an airborne

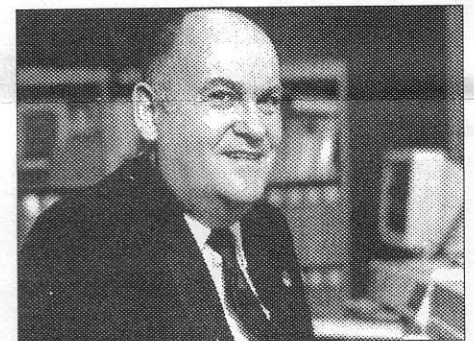
supercomputer. For this contract, which is valued at just under \$1 million, Melpar teamed with Cray Computers to adapt that company's supercomputer technology to airborne applications. An airborne supercomputer capability would give the military a quantum leap in signal processing power. The feasibility study will last about nine months, at which time Melpar expects follow-on contracts valued at approximately \$35 million for key technology developments through 1996. Such technologies include multichip modules, optical interconnect insertions and holographic storage.

The military supercomputer award was one of two new business area contracts won in September. The other was a 3-year, \$10 million contract by the U.S. Air Force for the integration of a data fusion capability into a future Deployable Ground Intercept Facility. Fusion combines vast amounts of data from multiple sources into a more complete picture of the emerging combat

scenario and makes this information available within seconds of actual events. Recent events such as the Gulf War demonstrated the need for this capability because of overwhelming amounts of intelligence data that needed to be consolidated into a usable form. Fusion provides field commanders more meaningful information for better decision-making. Both this program and the military supercomputer project are sponsored by the Avionics Directorate of the Wright Laboratory at Air Force Materiel Command (ASC), Wright-Patterson AFB, Ohio. **M**

## Software QA Manager Receives IEEE Recognition

by Chuck Busby



Dennis Nickle

IEEE has recognized Dennis Nickle, Software Quality Assurance, by awarding him an Outstanding Contribution Certificate. The award, given jointly to Nickle and David Schultz of CSC, recognizes seven years of effort as Vice Chairman of the committee that developed IEEE Standard 1074, Standard for Software Lifecycle Processes.

"This is the first IEEE software standard," says Nickle. "It is used across the country." The Department of Defense is evaluating the standard for possible adaptation to its requirements. Nickle says, "The Association for Computing Machinery has recognized the standard as significantly contributing to the software profession."

Nickle is currently the chairman of another IEEE committee that is developing a guide to be used with the standard. The guide is scheduled to be published in 1994. **M**

## E-Systems Recognized for Energy Efficiency



A representative from PEPCO (left) presents energy efficiency awards to Melpar Facilities Engineering Manager Khandu Patel (center) and Maintenance Supervisor Joe Marcoccio.

The National Capital Area Energy Conservation Competition recognized E-Systems Melpar Division's facilities engineers in December for their efforts in promoting energy efficiency.

The awards were for design and installation of a building automation system for Falls Church and University Center. The Falls Church system controls the operation of heating, ventilation and air conditioning and substantially improves energy efficiency and building comfort.

The University Center facility includes these functions as well as lighting systems.

Individual recognition went to Facilities Engineering Manager Khandu Patel for the design and construction of these systems at the University Center facility. At Falls Church, Joe Drzal, Facilities Design Engineer, took an award for retrofitting the old system with a state-of-the-art direct, digitally controlled energy management system.

Annual savings from the Falls Church system are \$55,000, giving the project a two-year payback. University Center annual savings are projected at \$170,000 over the cost of what was spent at the Fairfax facility, which was comparable in size.

The ceremony is held annually and recognizes industries throughout the Washington metropolitan area for their efforts. The program is sponsored by the major area utility companies including PEPCO, Virginia Power, Potomac Edison and Washington Gas. **M**



## CONTINUOUS IMPROVEMENT from page 2

mended placing a microfilm reader in the print room. Rich Long proposed an automated way to transfer cable marking data into Manufacturing's marker system. Vicki Hayes noted that purchased software could more effectively be made available for reuse. Cliff Dalseide pointed out the need for coffee cup covers for vending machine coffee. Doug Toppin proposed eliminating styrofoam trays from the cafeterias. Tess Stewart and Herman Payne promoted the idea of creating parts lists for harness wirelists.

James Andrews identified the usefulness of a termination list to aid system administrators in maintaining effective security on their servers. Susan Vilella is the force behind the December children's artwork exhibition. Tracey Serle helped us clean up our act regarding use of flower pots as ashtrays. Eric Smith suggested several specific improvements to parking lot security. Steve Lovewell reconfigured the access levels on the card key system.

Doug Snow and John Hood, with the assistance of Barry Suskind, implemented a method of compressing drawing databases and using floppy disks rather than tapes for archiving. For their cost reduction efforts, Doug and John each received \$500. Barry received \$100 for his invaluable help.

Steve Lovewell, in an encore to previous cost avoidance performances, modified the event recorder used in Security's alarm system, saving Melpar a substantial amount of money. Steve received \$1,000 for his contribution.

Congratulations and thank you to all these employees for their suggestions. Their contributions help make Melpar a better place to work for us all.

A number of other suggestions are currently being evaluated. Suggestions and CARs for which savings to the Company can be calculated and verified are eligible for cash awards. Suggestions that contribute in other ways (e.g., safety, employee morale, productivity) are eligible for gift certificates to Melpar's Employee Store. More importantly, employees experience the satisfaction of seeing their ideas implemented.

All suggestions are acknowledged and appreciated, even if they can't all be accepted. Keep the ideas coming! **M**

## United Way Campaign Wraps Up with a Host of Prize Winners

Melpar's 1993 United Way Campaign netted over \$87,000 in donations as seven E-Teamers became lucky prize winners.

The final total employee donation figure, which represents donations collected or pledged through payroll deduction, was just shy of the Division's \$90,000 goal. Despite the shortfall, the average contribution per employee rose from \$43.90 last year to \$45.13 in 1993. In addition, the number of employees donating increased 2 percent over last year to 68 percent.

This year's prizes ranged from sporting events tickets to a grand prize vacation week-

end at Mountain Lake resort. Winners were:

**Grand Prize:** Trip for two to Mountain Lake - Randy Knebel

Tyson's Corner Center Shopping Certificate - Don Vernon

American Express Gift Cheque - Rick Burch

Fresh Fields Certificate - Carolyn Davis

Circuit City Gift Certificate - Sheila Strouth

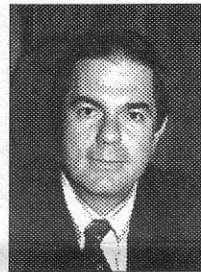
Washington Capital Hockey Tickets - Jim Sclater

Washington Bullets Basketball Tickets - Joe Greishaber

Congratulations to the winners and thanks to every E-Teamer who made possible our gift to the United Way Campaign! **M**



Randy Knebel



Don Vernon



Rick Burch



Carolyn Davis



Sheila Strouth



Jim Sclater



Joe Greishaber

Do you have a question  
about the New Melpar?

If so, send them to  
*Melparticulars*, mail stop M118,  
and we'll try to publish  
as many answers as possible  
in our February issue.

## Farewell to Mssrs. DePasquale, Gibbs and Isbell

**T**ony DePasquale, Vice President of Human Resources, Don Gibbs, Vice President of Finance and Administration, and Ed Isbell, Vice President of Special Projects all retired from Melpar in September after putting in over 100 cumulative years of service to the Company.

Employees feted the three Melpar veterans at receptions held at both facilities. Management, several other retirees, guests



Ed Isbell (left) shares a laugh with Vice President and General Manager Larrie Judd.

from E-Systems Corporate offices and the VP's families also joined together for a banquet "roast" and celebration.

The retirees were nostalgic about their careers—careers that began when they were fresh out or nearly out of college. All started as engineers and merged into completely different career paths.

Tony D. came to Melpar after a short stint as a public mathematics teacher for the city of Falls Church. After only a year and a half of engineering work, Tony moved into Personnel. From there, he slowly worked his way up through the ranks until becoming Vice President in 1985. During his 37 years, he says his biggest accomplishment was playing a major role in implementing the Division's affirmative action program.

"It's very difficult to understand today, but you have to place yourself in the psychology of the time," said Tony. "There was resistance to that change, but today, people are willing to accept others for what they can do—not for what their ethnic background might be. I was proud to play a part in that change."

Don Gibbs' 40-year career at Melpar began with an engineering position for the B-58 reconnaissance program. Through the years, he worked his way up through engineering to the position of chief engineer in the simulation and avionics department. With the encouragement of then-General Manager Dr. Brigham, Don later took courses in contracts, finance and accounting and contributed to a major overhaul of Melpar's cost accounting system. Those accomplishments earned him the recognition to be promoted to Vice President of Finance and Administration in 1979.

Among the many changes he has seen



Don Gibbs' career spanned nearly all of Melpar's history.

over the years was the consolidation of the Company. "It's amusing when people talk about the difficulties in operating between two facilities," said Don. "At one time, Melpar had as many as eight locations!"

Unlike Tony and Don, Ed Isbell kept his

career in engineering until just a year ago. Fresh out of Virginia Tech, Ed began working as an engineer with Melpar's Ground Installed Reconnaissance Data Handling System (GIRDHS). Through his 36 years, Ed worked on various projects such as biological learning machines (an early form of artificial intelligence). He was appointed Vice President to Engineering in 1981.



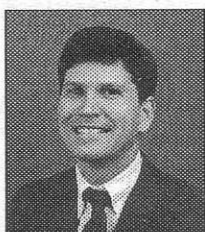
Corporate Relations and Administrative Vice President Art Hobbs congratulates Tony D. (right).

Over the years, Ed says he has witnessed a noticeable change in the Company's attitude toward employees. "When I started out, the atmosphere was very rigid," he said. "You signed in to a book when you came in each day. Projects and work structures were very well defined, and there wasn't a lot of crossover between organizations. The Company is much more flexible now."

One thing all these newly-retired E-Teamers agree on is that, for the most part, the people have stayed motivated at Melpar. This, they say, may be one reason Melpar is still around after nearly 50 years. The changes the Division is now experiencing, they predict, will only enhance the pride they've seen in the work that is done.

*Melparticulars* congratulates each of these E-Teamers on their accomplishments and wishes them many happy years to come! **M**

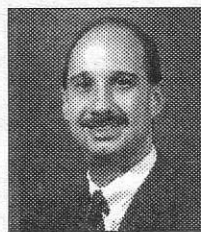
## Academic Applause



James T. McDaniel Jr.  
M.S. Computer Science  
Virginia Tech



C. W. Robertson III  
B.S. Accounting  
George Mason University



Gregg M. Bielen  
M.B.A. Business  
Averett College



Anita C. Hutchison  
B.S. Business Admin.  
Strayer College



Lee N. Jenkins  
B.S. Computer Science  
Marymount University



## 1993 Service Awards November/December



**Thomas R. Bailey**  
35 Years

### Fifteen Years

Kitty A. Brown  
Patrick L. Udell  
Donald N. Wright

### Ten Years

Louise E. Borrelli  
Edna J. Chrisner  
Katherine L. Clinton  
Christopher G. Craig  
Roger H. Hand  
Gary E. Hartmann  
David M. Hepler  
Dwight D. Hinebaugh  
Randall J. Knebel  
Richard S. Krassowsky  
Paul M. Lewis  
Sharon A. Patton  
Robert D. Savage  
Kent W. Stewart  
Pamela L. Stoneback  
Gina S. Thomas  
Lester B. Thomas II  
John J. Vernoski  
Tommy R. Williams

### Five Years

Robert L. Anderson  
Antonio R. Ardura  
Martha A. Ashe  
Michael C. Bodie  
Katherine M. Brown  
Brian J. Conant  
Nina S. Fields  
James H. Fristoe  
Michael J. Fullen  
David A. Hairfield  
Alex R. Heidt  
Glen A. Herzig  
Shang L. Hsiung  
Anita C. Hutchison  
James H. Johnson III  
Patrick M. Korenkiewicz  
Mark C. Lawrence  
Nathan D. McDaniel  
William T. Pegues  
Dorothy M. Plowden  
Cynthia A. Powell  
Jeffrey G. Pratt  
Kirk E. Pruitt  
Michael F. Simmons  
Bert M. Thompson  
James H. Tran  
Thomas M. Tremblay  
John T. Wigand  
Jennifer C. Winklareth

## Oops!

We goofed. In the last issue of *Melparticulars*, we incorrectly listed the number of service years for Elaine W. Knight, William T. Mitchell and Robert B. Swanson. The correct number of years for each of these E-Teamers is 25.

## In Memoriam

Tal Eliason, a 26-year Melpar veteran, passed away December 7, 1993. Tal's entire career at Melpar was spent in Quality Assurance until his retirement in 1981. In addition to his professional accomplishments, Tal will be remembered by his many friends for running the Melpar Golf League for several years.

## Movers and Shakers

### EMPLOYEE

Stanley P. Abretski  
Wilfredo Acevedo  
Christopher S. Ambrose  
Martha A. Ashe  
Michele E. Brown  
Belinda L. Cason  
Thomas F. Cross  
James C. Frank  
Warren E. Groom  
Patricia R. Julca  
Michael D. Kalmes  
Charlotte C. King  
Daniel J. Leussing  
Vivian L. Messner  
Christopher D. Moore  
Floyd C. Moore  
Issam Nanaw  
Huyen L. Nguyen  
Susan L. O'Donnell  
Maria C. Perez  
Larry A. Peura  
Louise J. Powell  
Mary P. Privitzer  
John P. Rinn  
Michael K. Skoog  
Scott C. Smith  
Carter G. Timberlake  
Sang-U-Tai Wongchote

### UNIVERSITY CENTER

Donna G. Cafarella  
Patricia A. Lambert  
Billy D. Oldridge Jr  
Thomas A. Plaster  
Rothwell G. Sketchley III  
Eric S. Stiegmann

### PROMOTED FROM

Engineering Tech  
Security Specialist  
Business Analyst  
Assembler 1/Class  
Contract Spec  
Sr Engineering Aide  
Assoc Software Analyst  
Jr Test Eng  
Systems Eng I  
Assembly Trainee  
Engineering Spec  
Sr Programmer  
Software Analyst  
Sr Programmer  
Secure Document Processor  
Stock Clerk  
Assoc S/W Analyst  
Software Analyst  
Jr Drafter  
Assembler  
Sr Engineering Tech  
Receptionist  
Software Analyst  
Sr Mech Eng  
Fld Design Eng  
Electrical Eng  
Sr Drafter  
Metrology Aide

Secretary  
Planning Assistant  
Security Supervisor  
Test Technician  
Sr Logistics Eng  
Sr Electrical Eng

### PROMOTED TO

Engineering Spec  
Security Analyst  
Sr Business Analyst  
Assembly Technician  
Contract Admin.  
Jr Engineering Asst  
Software Analyst  
Test Eng  
Systems Eng II  
Assembler  
Fld Design Eng  
Sr Software Analyst  
Sr Software Analyst  
Sr Software Analyst  
Security Specialist  
Storekeeper  
Software Analyst  
Sr Software Analyst  
Drafter  
Assembler 1/Class  
Test Eng  
Security Assistant  
Sr Software  
Prin Mech Eng  
Sr Fld Design Engineer  
Sr Electrical Eng  
Design Eng  
Sr Metrology Aide

Contracts Assistant  
Planner  
Security Manager  
Sr Test Technician  
Prin Logistics Eng  
Engineering Supv

## Retirees



**John W. Bernd**  
15 Years



**Anthony B. DePasquale**  
37 Years



**Donald R. Gibbs**  
40 Years



**Marian E. Foster**  
26 Years



**Charles E. Isbell**  
36 Years



**Melinda K. Sheppard**  
11 Years

## Sports Corner . . . Listening in with the Amateur Radio Club

by Carl Mattes



Ham radio club members show off the new UHF repeater. (L to r) Don Wright, Jim McArthur, Paul Akimov, Carl Mattes and Steve Floyd.

Melpar has an active Amateur Radio Club at both the Falls Church and University Center facilities. Amateur Radio, also known as Ham Radio, is a hobby where FCC licensed individuals communicate voice, data and picture information via radio. Local and global communication is possible through the use of frequencies in the HF, VHF, UHF and microwave ranges. Several amateur radio satellites are currently orbiting the earth that allow high quality, long distance communication.

Our radio club currently has 25 members. The club has meetings in both facilities on the first Wednesday of each month (linked by speaker phone). Meetings are

open to all who have an interest in amateur radio, licensed or not, and there are no membership dues.

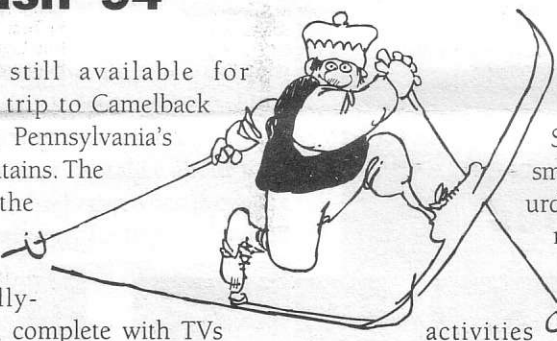
The University Center facility is home to the club's UHF repeater. This repeater, operating on an output frequency of 444.300 MHz, allows low power mobile and hand-held radios to communicate more efficiently by automatically retransmitting signals at a higher elevation and power level than the original source.

Anyone desiring more information about Amateur Radio or Melpar's club should contact Carl Mattes at ext.3938. **M**

## Ski Bash '94

Space is still available for Melpar's trip to Camelback Ski Resort in Pennsylvania's Poconos mountains. The trip will be the weekend of January 28-30. A fully-equipped bus, complete with TVs and a VCR, will depart Melpar's Falls Church facility at 5:30 p.m. on Friday, January 28 and return Sunday evening (departure time will depend on whether skiers want to watch the Superbowl at the resort or on the bus).

The weekend package includes round trip transportation, two nights' lodging,



hearty buffet breakfast Saturday and Sunday mornings, smorgasbord dinner Saturday and Sunday evenings, private party each evening and transfers to other activities such as horse-

back riding and snowmobiling. Cost is \$154 per person—cheap! (four to a room), \$174 per person (three to a room) or \$184 per person (two to a room). Lift tickets are an additional charge.

Don't miss out on this fun time! Contact Human Resources at x2717. **M**

## Use the Melpar Division ETHICS HOTLINE



**CALL 849-1577 (or ext. 1577)**  
**You can call the Corporate**  
**Hotline COLLECT 214-661-1000 ext. 255**

IDENTITIES OF CALLERS WILL BE HELD IN  
 STRICTEST CONFIDENCE  
 (Anonymous Calls Will Be Accepted)

### Melparticulars

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