Raytheon E-Systems

EMPLOYEE UPDAME

June 1996

Volume 2, Number 5

Falls Church Division

Our Day in the Sun

E-Teamers and their families gathered at the Falls Church Division on Saturday, June 8, for a day of food and fun. Attractions ranged from vintage cars to volleyball for the adults, while the kids gravitated to the balloon sculptures, sack races and moon bounce.

The dunking booth attracted a steady stream of ticket-buyers eager for the chance to sink one of 14 dunkees. Tom Murdock, who endured the most dunks (25), designated Habitat for Humanity as the recipient of the dunking booth proceeds which totaled \$395.

E-Teamers and their families vied for prizes while showcasing their musical and culinary prowess. Talent coordinator Loretta Price reported that singer-guitarist



The face-painting station attracts a queue.



Ti Godfrey escapes to the shade with son Cuu.



Ed Melendez (far right) wages battle at the dunking booth.

Bryce Hervias, 12-year-old son of Victor Hervias, won the \$50 talent competition prize

Over at the food tent, judges nibbled through an array of delicacies before deciding on four categories of winning concoctions in the baking competition. Bakeoff coordinator Diane Whitmer awarded hanging baskets to the following winners: Diana "See What I Do for Jack" Jeanes (Nutty Buddy Bars), Shirl Pelzel (Apple Pie), Alice Ross (Better Than a Root Canal Cake) and Rita Snyder (Swedish Tea Cakes).

Picnic coordinator Lori Love expressed a big thank-you to everyone who contributed to the day's festivities.



Byron Johnson makes his pitch.



Terry Collins calculates the velocity of an impending dunk.

Raytheon Hosts Shareholders

Raytheon's 68th Annual Shareholders'
Meeting was held on May 22 at Corporate Headquarters in Lexington, Massachusetts.

Chairman and CEO Dennis J. Picard highlighted the company's recent accomplishments, including Raytheon's continued growth as a diversified commercial company, the contribution of Raytheon E-Systems and the company's strong financial performance.

Following a review of Raytheon's major businesses, the Chairman reaffirmed the company's key strategic goals:

- Expand Raytheon as a diversified commercial company
- Remain top-tier in defense
- Apply defense technologies in commercial markets
- · Continue global growth
- Remain a strong financial performer
- · Make quality a top priority
- Enhance shareholder value while remaining competitive to provide the most jobs for the people of Raytheon

In a question-and-answer session following the presentation, Mr. Picard laid out his vision for Raytheon as a \$20 billion company by the year 2000.

Staffing Notice

Anybody out there interested in making a little extra cash? A number of employees have found themselves \$1,500 richer by participating in the Staffing Department's referral bonus program. According to Human Resources Manager Marc McCracken, the bonus program has been extended through the summer. Employees who successfully refer certain software and technical candidates for positions at the Falls Church Division are eligible for the \$1,500 referral bonus if they adhere to the following criteria:

Positions are limited to software and systems engineers with a minimum of a

Continued on page 6

Welcoming the World Home

Transportation Engineer Jennifer Hopkins was in elementary school when her family hosted an exchange student from Sweden. Sixteen years later, Jennifer finds herself immersed once again in the exciting world of exchange programs. As a volunteer for Youth for Understanding (YFU) International Exchange, Jennifer is working to match host families and international exchange students in the Washington, DC, metropolitan area.

YFU host families provide room, board, guidance and the experience of everyday life in America. "I'm volunteering with YFU to encourage more international exchanges and to show people what a great way it is to learn about different parts of the world," said Jennifer. "While many of us learn about different cultures through travel, classes or reading, nothing can compare to having someone from another country live in your home."

Jennifer credits her family's involvement in an international exchange program with exposing her to a different culture as well as fostering a lifelong friendship. In May, Jennifer traveled to Eksjö, Sweden, where she attended the wedding of her exchange student "sister."

YFU was founded in 1951 as a private, nonprofit, educational organization dedicated to international understanding and



Jennifer Hopkins is area representative of Youth for Understanding International Exchange.

world peace. As a YFU area representative, Jennifer is eager to find host families for the coming school year and considers this area an excellent backdrop for the exchange program. "Hosting a student is one more way to promote peace in the world because, by learning about different countries, we realize that we are not that different after all," she said.

For more information on how you can welcome the world home by hosting a YFU student, call Jennifer at 734-8800, ext. 8368, or the YFU office at 1-800-TEENAGE.

Worth Noting

Winning Big With Bonds. The Division wrapped up last month's U.S. Savings Bond Drive by awarding prizes to new and increased participants as well as general enrollees. Nathan Ward and Ambrose Slone received \$200 Savings Bonds, while Dave Kilgore and Myron Szot won \$100 bonds. A separate drawing for campaign canvassers netted Linda Frazier a \$200 bond.

Decked. Employees may reserve the Falls Church patio for department or club luncheons by contacting Norma Lofgren at ext. 2998 or nlofgren@fc. Groups are responsible for setup and cleanup.

Car Talk. Designated parking spaces are in place near the North entrance of the Falls Church facility for carpools including three or more employees. Parking is on a first-come, first-served basis. No registration is required. A carpool information exchange is posted in the cafeteria.

At Your Leisure. Travel One has established a new service to handle employees' personal travel needs. Call the Raytheon Leisure Desk at 1-800-800-1481 any week day from 8:00 a.m.—8:00 p.m. EST to consult with a travel agent.

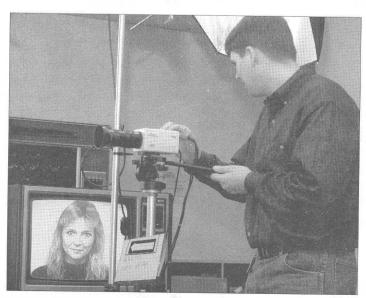
Just a Suggestion. The Continuous Improvement Working Group (CIWG) named Barbara Quantrille its Suggestion-of-the-Month winner for May. Barbara, who proposed a catering verification process, enjoyed special parking privileges for a month. For information on submission of cost avoidance/reduction suggestions to the CIWG, contact Liz MacDonald at ext. 4023 or emacdonald@fc.

Weigh to Go. The Health Center reports that 30 Weight Watchers participants have lost 403 pounds during the just-completed 12-week mini-session. For information about the program, contact Health Center Coordinator Rosalie Georgeadis at ext. 4505 or rgeorgeadis@fc.

Just Browsing. Stop by Raytheon's Web site at http://www.raytheon.com/ for the latest stock quotes, press releases and employment opportunities. The Raytheon home page has been rated among the top five percent of all sites on the Internet by Point Survey.

Home Run for Health. Falls Church will host a free health fair for employees on July 25 from 11:30 a.m.—1:30 p.m. in the

Rebadging Underway



Scot Smullen of Security adjusts video image of Patti Parsons during the Division's on-going rebadging effort. Video imaging and printing technology allows quick turnaround of badge production with minimum disruption of work schedules. Over 1100 badges have been processed using the new video system, according to Security Manager Dick Tymoch.

Continued on page 6

May/June 1996 Service Awards



Robert C. Smith Twenty-five Years

Twenty Years Robert S. Flanders, Jr. Frank E. Lanham

Fifteen Years Laurie U. Barr Roger W. Bernard Timothy C. Brannan Michael A. Cianciosi Frank J. Clement Michael F. Clingempeel Marshall R. Devine Harold R. Edwards George D. Harinec Mary E. Miller Herman L. Payne Byron H. Romine Alan R. Russell William H. Storey Mark A. Trbovich

Ten Years Samuel J. Alexander Diane L. Barbaris Mary E. Butler Patrick M. Flanagan William J. Galbraith Robert L. Hitchner Claudia M. Judge John F. Kody Donald F. Krintz Donald H. Leonard Timothy S. MacBeth Linda M. Miller Todd D. Mitchell Katie B. Powers David S. Roberts Christopher D. Roller David J. Ross Teresa B. Stewart James W. Thomas John B. Whiteman Darcy M. Wooldridge Michael I. Zito

Five Years William G. Blanchard Carol A. Burnett Cheryl E. Casteel Kimberly D. Dice Alice M. Glover Thomas L. Goff Brian F. Mulhern Brian M. Schechter Robert J. Toner Karen L. Via

Check Out the Tech Library

 ${f E}$ -Teamers are encouraged to stop by and browse the vast array of technical information and services available in the Falls Church Division Technical Library. Librarian John Suggs is on hand to assist users in any facet of library services, including brief training sessions in accessing CD-ROM services.

As the Division's source and repository for technical and scientific information, the Technical Library is a fully indexed, user-friendly facility containing numerous CD-ROM subscription services, periodicals, journals and reference tools, some of which are listed below:

Vendor Catalogs: Over 2.7 million catalog pages with indexes.

DoDISS: All current unclassified DoD specifications, standards, handbooks and DIDs.

H-Series Handbooks: Federal Supply Class, Name-to-CAGE/CAGE-to-Name and Federal Item Identification.

Computer-Aided Products: Over 600,000 active and discontinued integrated circuit part numbers and vendor data sheets.

Worldwide Standards Index: DoD-adopted and foreign industry standards, including IPC and British Defence Standard.

Wilson Disc: Indexes and abstracts of journal articles, featuring full Boolean search capability.

Reference Collection: Current relevant reference works, expanded as required to support Division technological trends and directions.

The library's online services provide access to some of the major university library catalogs, including MIT and the University of California. MIT also offers feebased borrowing privileges. For more information about services and resources in the Technical Library, contact John Suggs at ext. 2157 or jsuggs@fc.

Academic Applause



Aura M. Aten M.S.I.S. Strayer College



Charles L. Otzel M.S.E.E. Geo. Washington Univ.



Patrick J. Crone M.S., Mech. Eng. Design Geo. Washington Univ.



Eric S. Stiegmann M.S., Comp. Science George Mason Univ.



Charles A. Gasaway B.S., Comp. Science University of Maryland

Not Pictured:

of Maryland



Edward E. Grimes, Jr. M.S., Tech. Mgmt. Johns Hopkins Univ.



Alex R. Heidt B.S., Bus. Admin. Strayer College



Christian E. Howell - B.I.S., System Engineering and Marketing, George Mason Univ.

Bryan D. Beam - M.E.M., Geo. Washington Univ. Elise T. Berger - B.S., Comp. Science, University



Movers and Shakers

Gary E. Andrus Donald T. Bailey Joy M. Banegas Robert B. Banks Martin D. Bayuk Reginald L. Beal Elise T. Berger Joseph W. Bickford Regina S. Bonner Phelicia A. Boone Brenda S. Border Jose M. Bouza II Theodore H. Bowen Grace Brock lerry L. Bryan Keith E. Burke Thomas F. Carver Patricia A Castle Laura A Chiaradio Charles B. Clark Michael F. Clingempeel Gregory Collins Charles A. Colwell Lawrence R. Conroy David Conti Adrian B. Conway Ellen I. Crim Cori L. Crocker Patrick J. Crone Anthony G. Dang Daniel C. Davis Debora M. Davis Lawrence M. Dicerbo Irina D. Dobrev Randolph W. Doffelmyer Sharon J. Donovan Philip Downes Bryan Q. Droney Michelle A. Engebretson Patricia J. Ferensic James U. Ferguson Edencio A. Fernandez Matthew D. Fisher David C. Fraley Ronald L. Frye Timothy H. Garney Rosalie A. Georgeadis David C. Getman Edward T. Gilsbach Patricia L. Gould Brian A. Graves Tamera L. Gregory Thomas F. Grill Thomas W. Halligan David C. Harbour Starling D. Hardee Rhonda L. Harrah Carl J. Hauser, Jr. Douglas Hawley Scot D. Heidelbach Esther Hernandez Kevin D. Hogans Diane C. Howard Melissa J. Huffman Teisuke Ito Debra A. Jamerson Douglas B. Jaynes Byron G. Johnson Stephen T. Johnston Peter K. Kelly Kathy Kinder James C. King Randall J. Knebel Jeffrey R. Knudson Kelly J. Krause Scott H. Kunkel Elizabeth L. Kyker

Promoted From SW Analyst Design Engineer Secretary Prin. Contract Admin. Design Engineer Maint, Assistant Assoc. SW Analyst Design Engineer Plan Specialist Network Analyst Sr. Drafter Mech. Design Engineer Security Assistant Sr. Technician Assoc. Network Analyst Business Analyst Sr. Electrical Engineer Administrative Clerk SW Analyst Driver Prin. Engineer Sr. Systems Engineer SW Analyst Engineering Supervisor Mech. Engineer Operations Analyst Plan. Specialist Support Assistant Mech. Engineer Sr. Drafter Sr. SW Analyst Business Analyst Sr. Electrical Engineer Lead Design Engineer Engineering Specialist Mgmt. Assistant Prin. Engineer Operations Analyst HAARP Site Caretaker Assoc. SW Analyst Prin. SW Engineer Spec Assistant to VP Assoc. SW Analyst Comm. Analyst Maint, Assistant Prin. SW Analyst Nurse Sr. Technician Sr. Quality Engineer Jr. Business Analyst **Engineering Specialist** SW Analyst Electrical Engineer Sr. Mech. Engineer Assistant Program Manager Operations Systems Manager Assem. 1Cl Sr. Matl. Cost Estimator Jr. Test Engineer Assoc. SW Analyst Assem. 1Cl Design Engineer Secretary Support Assistant Mts./Engineering Supervisor Secretary Sr. Electrical Engineer Custodian Test Engineer Sr. Operations Analyst Jr. Business Analyst Sr. Comm. Analyst Design Engineer

SW Analyst

Facilities Planner

Sr. Business Analyst

Mech. Engineer

Promoted To Sr. SW Analyst Sr. Design Engineer Management Assistant Contract Admin. Manager Sr. Design Engineer Maint. Mech. 1Cl SW Analyst Lead Design Engineer Sr. Plan Specialist Sr. Network Analyst Facilities Planner Sr. Design Engineer Security Specialist Test Engineer Network Analyst Sr. Business Analyst Prin. Engineer Jr. Engineering Assistant Sr. SW Analyst Driver 1Cl Engineering Supervisor Prin. Systems Engineer Sr. SW Analyst Engineering Manager Sr. Mech. Engineer Sr. Operations Analyst Sr. Plan. Specialist Ir. Business Analyst Sr. Mech. Engineer Jr. Design Engineer Prin. SW Analyst Sr. Logistics Engineer Prin. Engineer Sr. Design Engineer Design Engineer Sr. Prog. Mgmt. Assistant Engineering Supervisor Sr. Operations Analyst HAARP Site Coordinator SW Analyst SW Dev. Supervisor Mbr., Financial Systems SW Analyst Design Engineer Maint. Mechanic SW Dev. Supervisor Health Center Coordinator Engineering Specialist Prin. Quality Engineer Sr. Engineering Assistant Design Engineer Sr. SW Analyst Sr. Electrical Engineer Engineering Supervisor Program Manager Program Manager Assem. Technician Prin. Matl. Cost Estr. Assoc. Test Engineer SW Analyst Assem. Technician Sr. Design Engineer Executive Secretary Matl. Price Estimator Sr. Mbr., Tech Staff Assoc. Systems Admin. Prin. Engineer Maint. Assistant Sr. Test Engineer Operations Analyst Business Analyst Prin. Comm. Analyst Sr. Design Engineer Sr. SW Analyst Sr. Facilities Planner

Sr. Mech. Engineer

Principal Business Analyst

Name Frederick L. LaBar Nancy J. Lang John D. Law Dale E. Lee Karen M. Lewis Aaron W. Linton Eric H. Liu Thurman R. Lynch Elizabeth C. MacDonald Merle S. Machen Walter R. Mahoney, Jr. Danielle J. Marchione Jerome F. Matus Michael J. McCarrick Julie A. McCranie James T. McDaniel, Jr. Nathan D. McDaniel Patricia A. McGarrahan Joseph H. McLaughlin Byron L. McManus Richard V. Meredith Bruce A. Miller Floyd C. Moore Barbara W. Morris Brian F. Mulhern Issam A. Nanaw Daniel A. Nathanson William H. Nebiker William S. Oakes Steven J. Peacock Jennifer L. Pratt Loretta A. Price Randolph H. Pringle Kirk E. Pruitt Stephen J. Putek Denise L. Rawlins Katherine G. Robertson Elizabeth A. Ryder Joseph A. Sampson Robert L. Schwartz Jon D. Scott Mittie R. Scott Mary B. Shriver Ambrose I Slone Scot P. Smullen Douglas J. Snow Walter F. Stein Lisa G. Stewart Pamela L. Stoneback David B. Stovall Sheila M. Strouth Ning C. Sung Lorraine M. Tain Andre M. Tarro Kenneth E. Taylor Lana Taylor Glenn R. Templeman James W. Thomas Thomas B. Thompson, Jr. Eric B. Thornsbury Michael O. Tierney Timothy G. Tignor My-Phuong N. Ton Albert Tripp, Jr. John L. Venable II Dang N. Vo Stephanie J. Whitaker Elizabeth G. White Diane L. Whitmer Don C. Wilber III Leonard J. Williams Paul N. Williams Stephen A. Willocks Simon G. Wood, Jr. Dorothy Young Gregory J. Yukl Michael J. Zito

Promoted From Assoc. SW Analyst Admin Clerk Sr. Program Mgmt. Specialist Design Engineer Engineering Supervisor Maint, Mechanic 1Cl Prin. Systems Engineer Comm. Analyst Secretary Design Éngineer Prin. Systems Engineer Electrical Engineer Assistant Program Manager Staff Engineer Assoc. Pricing Admin. Prin. Systems Engineer Sr. SW Analyst Secretary Sr. Contract Admin. Sr. Design Engineer SW Analyst Assoc. Program Manager Storekeeper Contracts Assistant Facilities Layout Tech. SW Analyst SW Analyst Design Engineer Engineering Supervisor Mechanical Engineer Assoc. SW Analyst Office Clerk Sr. Technician Mechanical Engineer Design Engineer Assoc. SW Analyst Secretary Assoc. Test Engineer Matl. Assistant SW Analyst Assoc. Business Analyst Assem. 1Cl Comm. Analyst SW Analyst Security Assistant Sr. Drafter Group Leader Program Manager Eng. Specialist Assoc. Business Analyst Sr. Electrical Engineer Admin. Clerk Jr. Design Engineer HR Representative Engineering Manager Sr. Ship. Pack. CAE/CAD Specialist Assoc. Network Analyst Sr. SW Analyst Sr. Systems Engineer Security Specialist Sr. Systems Engineer Sr. Drafter Facilities Engineer Asst. Govt. Prop. Admin. Assoc. SW Analyst Test Engineer Office Clerk Sr. CM Assistant Secretary SW Analyst Support Assistant Prin. Engineer Engineering Specialist Assoc. SW Analyst Assem, 1Cl Assoc. SW Analyst Design Engineer

Promoted To SW Analyst Sr. Data Entry Operator Assoc. Program Manager Sr. Design Engineer Engineering Manager Sr. Maint. Mechanic Staff Engineer Sr. Comm. Analyst Admin. Specialist Sr. Design Engineer Engineering Manager Sr. Electrical Engineer Program Manager Sr. Staff Engineer Pricing Admin. Program Manager Prin. SW Analyst Admin. Specialist Prin. Contract Admin. Prin. Design Engineer Sr. SW Analyst Assistant Program Manager Sr. Storekeeper Administrative Specialist Facilities Planner Sr. SW Analyst Sr. SW Analyst Sr. Design Engineer Engineering Manager Sr. Mechanical Engineer SW Analyst Admin. Ćlerk Jr. Test Engineer Sr. Mechanical Engineer Sr. Design Engineer SW Analyst Executive Secretary Test Engineer Planning Specialist Sr. SW Analyst Business Analyst Assem. Technician Sr. Comm. Analyst Sr. SW Engineer Security Specialist Design Engineer Sr. Program Manager Design Engineer Business Analyst Sr. Systems Engineer Support Assistant Design Engineer Sr. HR Representative Director, Infor. Services Ship and Pack Group Leader Sr. Drafter Network Analyst Prin. SW Analyst Engineering Supervisor Software Technician Engineering Supervisor Jr. Design Engineer Sr. Facilities Engineer Govt. Prop. Admin. SW Analyst Sr. Test Engineer Sr. Accounting clerk CM Coordinator Executive Secretary Sr. SW Analyst Planner Engineering Supervisor Assoc. Network Analyst SW Analyst Assem. Technician SW Analyst

Sr. Design Engineer

Spring Training Update

At the midpoint of the employee training year, Training Supervisor Nancy Gober offers a glimpse of her department's recent activities. The photos below were taken during a three-week period in late May and early June. During that time, says Nancy, the Training Department offered 15 separate classes (six of which were multi-session classes).



Dave Meyer leads discussion during a general information session on ISO 9001 certification.



An attentive audience follows a presentation during the ISO 9001 general information session.



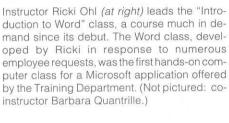
Q.T. Nguyen (far right) of the Training Department monitors sign-in as students arrive for the first session of the Systems Engineering class. Registrants include (standing, from left) Andre Tarro, Thanh Luu and (seated) Ron Stanton.



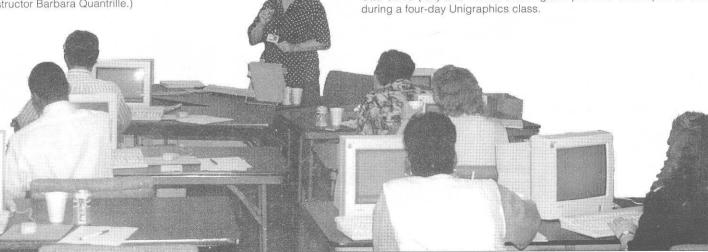
Eli Benarieh cautions his students on the "Deadly Traps" of systems engineering. Eli developed the fourpart Systems Engineering course and has taught it twice.



The Computer-Aided Design (CAD) work area doubled as a classroom earlier this month. An intensive course, "Unigraphics V10 Transition Training," enabled students to enhance their skills through hands-on learning.







Sports Corner . . . Runners Take on **Corporate Challenge**

ne of two Divisionsponsored teams of runners sprinted to a second-place finish among 19 coed teams in the Eighteenth Annual Patriots' Cup Corporate Challenge held May 5 on the campus of George Mason University in Fairfax.

The team included Larry DiCerbo, Debbie Greenstreet, Anita Hyink, Eldon Mack, Wiley Peck, John Rinn, Ann Saccheri and Tony Stratton. Eldon, Anita and Larry also received individual performance awards.

Over 350 runners competed in the 8K race which was organized to support pro-

grams and services of The Arc of Northern Virginia, a Falls Church-based advocacy and support group for people with mental retardation and related disabilities.



Two Falls Church teams ran in the 1996 Patriots' Cup Corporate Challenge. Runners included: (front row, from left) Anita Hyink and Cindy Landon: (second row) Eldon Mack, Ann Saccheri, Rose Clark, Debbie Greenstreet, Kristen Page and Vince Alvarez; (standing) Vic Sellier, Larry DiCerbo, John Rinn, Wiley Peck, Reid Earley, Terry Kennedy and Tony Stratton. Not pictured: Dave

Golfers Usher in Spring by Ivan Mills

emperatures in the 50s and a rainy forecast did not discourage E-Teamers from teeing off in the 1996 Falls Church Spring Open held May 7 at the Shenandoah Golf Course in Shenandoah, Virginia.

The event attracted 95 participants ranging from new hires to retirees, senior executives to worker bees and highly experienced golfers to first-timers. With two teams posting scores of 4 under par at the end of play, a tiebreaker decision awarded firstplace honors to the team captained by John Carlson and including Chris Bulinkis, Ken Church and John Hein. Kevin Crouse, Julie McCranie, John Rinn and Team Captain Ron Woodruff captured second place.

Joe Carlin and John Hein were named winners of the event's two Closest-to-the-Pin contests. John also won the Longest Drive competition.

Plans for a fall golf outing are underway and will be announced later.

WORTH NOTING Continued from page 2

cafeteria. A dozen vendors including Fairfax Hospital as well as various athletic clubs and health associations will offer prizes, giveaways and healthy edibles. Activities include glaucoma and general vision testing, neck and shoulder massages and lowfat cooking demonstrations. Employees who visit at least four vendor bases will earn a "Home Run for Health" and become eligible for a grand prize drawing. More details will be announced by the Health Center in July.

Brown Bag Matinee. Employees are invited to bring a brown bag lunch to the Yorktown Room at 11:45 a.m. on July 30 and

watch a videotape about coronary artery disease. A different tape focusing on JUNZE men's and women's health issues will be shown each month. Register in the Health Center by July 29 for the next Brown Bag Matinee.



Falls Church Division ETHICS HOTLINE 703-849-1577

Corporate Hotline 1-800-971-4888 TOLL-FREE

Raytheon Ethics Hotline 1-800-423-0210 TOLL-FREE

Identities of callers will be held in strictest confidence. Anonymous calls will be accepted.

STAFFING NOTICE Continued from page 1

BSCS/EE degree and one year of professional experience.

Candidates must be referred by September 30, 1996. Resumes of candidates who were previously referred but not interviewed should be resubmitted for credit in the referral bonus program.

Resumes must be submitted to Deedee Fales in Professional Staffing (Mail Code M117) and should include the employee's name and extension.

An employee's referral must be the impetus for the hire. If a candidate is referred from multiple sources (i.e., advertisement, job fair and employee referral), credit will be given based on the source prompting the hire.

Employee UPDATE 703-560-5000 ext. 4124

Alice Ross

Photographers: Lucy Murphy, Joe Baran

Production:

Mary Wohlford

Printing:

Doug Dreibelbis, Kevin Droney

Raytheon E-Systems, Falls Church Division 7700 Arlington Boulevard Falls Church, Virginia 22046 Forwarding and Address Correction Requested