

DATA SYSTEMS TODAY

July 31, 1998

MobileVu™ Wins Corporate Technology Award

Lynn Altadonna, Dennis Dauben and William Davison, members of the MobileVu™ development team from DSD-San Diego, were among the 26 Litton employees selected to win technology and product development achievement awards at the 1998 Corporate Advanced Engineering Symposium in Chicago from June 1 - 4.

Until the introduction of MobileVu™, affordable sunlight-readable color displays were unavailable to the emergency services community. MobileVu™ was developed at the San Diego facility in response to our recognition of this new, emerging market. The development team, drawing on their multi-discipline engineering expertise in the design and development of military display equipment, and using readily available, commercial-off-the-shelf (COTS) components in unique and innovative ways, designed, built, tested and released the MobileVu™ unit for production in less than six months so Data Systems could be "first to market." Units have already been sold and delivered to the San Diego and Santa Barbara Sheriffs' Departments.

MobileVu™ is an open-architecture system with standard VGA input capability, allowing it to operate with any computer. This gives it greater operating capability than ordinary commercial laptops and allows for installation of the computer in the glove box, the trunk, or other convenient locations in the vehicle.

Under the Division's IRAD-sponsored Common Display Module research and development project, a family of similar products is being developed, intended for such applications as automatic teller machines, fuel pump displays, seat level arena displays and other innovative commercial uses. □



William Davison, Lynn Altadonna and Dennis Dauben

(l to r) were honored for their development of the MobileVu™ sunlight readable display. Thanks to their efforts, this technology is now available to the law enforcement and emergency services communities.



MobileVu's™ unique display system enables it to perform

over a wide range of brightness and through extreme temperature ranges, while still meeting mandated safety requirements for emergency vehicles.

Litton DSD-SD To Contribute To Thermal Omnibus Contract

DSD-San Diego will play a major role in a new "Thermal Omnibus" contract awarded to Raytheon Systems by the U.S. Army. The multi-year contract is composed of two major product elements. The first element is production of "Thermal Weapon Sights" (TWS) and the second is production of a "Driver Vision Enhancer" (DVE) system. Both groups of systems are intended to supply the U.S. Army and Marine Corps with cost effective, proven thermal imaging technology to enhance combat capability.

Data Systems will continue to provide the "Display Control Module" (DCM) of the Driver Vision Enhancer system. The DCM (Litton's-4170 display product), manufactured at DSD-San Diego's state-of-the-art, cellular manufacturing facilities, is one of the two major components of the DVE system. The DVE system is a thermal imager for military combat and tactical vehicles and is currently fielded on the Army's Bradley Fighting Vehicle.

DSD-SD, the only other major contributor to the DVE system, will receive orders against the subcontract with Raytheon for 36 months with deliveries possible through the year 2002. Raytheon's contract with U.S. Army Communications Electronics Command at Fort Monmouth, NJ, is estimated to have a total value greater than \$500 million; the initial award is valued at \$107.5 million. This will provide Data Systems more than \$18 million of initial contract value, with a potential of up to \$50 million over the program's duration.

Congratulations to the following Core Team of DSD-SD employees who successfully accomplished this award: Jeff Alexander, Pricing Lead, Phil Burke, Engineering Manager, Bud Carte, Director Displays and Computer Products, Steve Getz, Program Manager, Matt Hallett, Production Manager, Rick Mayworm, Contracts Manager and Neil Obright, Business Unit Manager. □

Vendor Recognized by DSD-San Diego Procurement Office

"In recognition and appreciation of Specialty Fabrications, Inc.'s team approach to achieve past and present just-in-time deliveries in support of Litton Data Systems' product lines."

DSD San Diego Team Procurement Award



Roger Danielson,

DSD-San Diego Director of Subcontracts and Procurement, right, presents a plaque to Mark Zimmerman, President of Specialty Fabrications, Inc., during a recent gathering held at the supplier's facility. On hand for the presentation were Specialty Fabrications' employees who were attending a company sponsored barbecue.

Specialty Fabrications, located in Simi Valley, has been a supplier to Data Systems and Guidance & Control Systems for over ten years. They specialize in the manufacture of complex assemblies, chassis and structures for the military and aerospace industry.

Specialty Fabrications' 48 employees have a "can do" attitude that helped to make the transition of the HTU to DSD-San Diego almost seamless for both companies. Compressed hardware lead times have been the primary focus for both companies for the past six months. Specialty Fabrications' commitment and responsiveness to changing delivery requirements provide the necessary support to meet challenging program schedules while

maintaining high quality standards. Well managed and team oriented, they continue to be a major provider of quality hardware for the Data Systems-San Diego HTU Program.

In keeping with our commitment to cultivate and support the growth of small business, Specialty Fabrications was recently nominated by Litton Systems, Inc. for the Small Business Administration's (SBA) "Supplier of the Year" award. Mark Zimmerman, company president, traveled to Washington D.C. last month to accept an award of excellence from the SBA.

Both Litton and Specialty Fabrications look forward to continuing their successful partnership on existing programs and new business opportunities. □

New ERA Board to Assume Duties August 1

Your Employees Recreation Association Board of Directors for fiscal year 1999 is

- ❖ Jim Silva, President
- ❖ Jean Lierman, Vice President
- ❖ Katherine Baca, Secretary
- ❖ Estelle Cervantes-Loy, Treasurer

These individuals, whose term of office begins on August 1, 1999, are responsible for administering club budgets and overseeing the activities of ERA clubs in accordance with Association bylaws. Questions concerning club operations may be addressed to any of the above or Ellen Gilbert in Human Resources.

Thanks to departing board members Valerie Arvizu and Linda Etheridge for their dedicated service to the ERA. □

ICARE Recognition Goes to Five in June

Two individuals and one team were nominated by their peers and recognized by the ICARE Council and Vice President of Administration Duane Anderson at June's ICARE Award Ceremony for their extraordinary achievements.

Micki Fisher was nominated by Dave White for aggressively investigating and resolving a problem on the CIS program and obtaining customer buy-off while rework was still underway, thereby enabling the program to remain ahead of schedule. This is Micki's second award.

The team of Terry Clevenger, David Dawson, Lyle Hatten and Jack Moore was nominated by Al Ungar for their superior performance of the System Acceptance Test (SAT) on the THAAD 2.3 BM/C3I Build, resulting in a delivery 4 days ahead of the ambitious

development schedule.

David Dawson was also nominated for an individual award by Don Richards for the support he provided on the evaluation of the Segment Test Environment (STE) documentation being developed by Lockheed while also fully supporting the THAAD Dem/Val system test efforts.

Since the program began, 486 awards have been presented. Each awardee receives a \$100 department store gift certificate, an ICARE cup, desk pen set, pin and certificate. □



(From left) Lyle Hatten and Micki Fisher

received ICARE Awards from presenter Duane Anderson. Terry Clevenger, David Dawson and Jack Moore were unable to attend.

Standards of Conduct: Exports and Boycotts

The fictitious situations outlined below illustrate how Litton's Standards of Conduct apply in everyday situations.

Kirt Hayes, newly appointed Division Export Coordinator, appeared anxious as Robert Cann, director of Programs Management, removed a large folder from his out-basket. "This is for you," said Robert, as he leaned forward to hand Kirt the folder. "Inside you'll find the export licenses for the IRE processor packages that we're sending to Sontre Corp. in Japan. Look the licenses over and make sure we have everything we need."

As Kirt reviewed the folder, he discovered that export licenses had only been secured for the main processors and not for the spare parts which were to be shipped with the processors. He believed that export licenses were required for any item on the Munitions List, even spare parts, but he wasn't sure.

Does the company need to obtain an export license from the U.S. Department of State for the spare IRE processor supplies?

Yes, the IRE, as well as virtually all other products sold by Data Systems, are defense articles within the meaning of the export regulations. The regu-

lations apply not only to the IRE, but to all spare parts, accessories and test equipment specifically designed to be used with the IRE. Even a commercial item that has been slightly modified to use with the IRE is considered a defense article and an export license is required before it leaves the U.S. For example, suppose a test engineer goes to Radio Shack and buys components to test a circuit card on the IRE. The test engineer configures the commercial equipment in such a way so as to test the IRE circuit. This piece of Data Systems' built test equipment consisting totally of commercial parts is nevertheless specially configured to work with a defense article, thus becoming a defense article requiring an export license itself.

The Division has appointed an export coordinator to ensure that the export of its products and services is made only in accordance with the applicable laws and regulations. Organizations planning to export material or data must contact the export coordinator as early as possible to ensure that all required licenses will be in effect to cover the export. Employees whose responsibilities relate to exports in any

way should be familiar with the pertinent Division policies and procedures. Information regarding exports can be obtained from DSP-1003-4, "Import and Export Control," from the Business Development organization and from the employee's organization management. Additionally, a pamphlet entitled "Export Controls are Your Concern" is available from the export coordinator.

Ron Gale, Contracts Administrator, leaned back in his chair as he began to review the terms and conditions a new customer had attached to a proposal for an AN/TSO-73 system. As Ron reviewed the list of conditions, he noticed one of the conditions required Data Systems to refrain from selling an AN/TSO-73 system to a certain Mid-East country. Upon reading this, Ron leaned forward and picked up a red pen. Next to this condition he wrote "UNACCEPTABLE."

Why was this condition considered unacceptable?

The reason Ron was unable to accept the new customer's terms and conditions stems from a U.S. Federal law prohibiting participation in or cooperation with certain boycotts.

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Education Conference Provides Valuable Learning Experience

For 5 days in May, from 7:00 a.m. to 9:00 p.m., DSD-San Diego employee Dr. Eric Nelson participated in the San Diego Elementary Science Education Leadership Institute (SanDELI). This program, sponsored by the American Physical Society's Teacher-Scientist Alliance, is designed to support systemic improvement of elementary science education in San Diego, as well as other areas of Southern California.

SanDELI's objective was to bring together leadership teams to draft a 5 year strategic plan for the implementation of an investigatory science curriculum in the kindergarten through 8th grade levels. The teams, comprised of teachers and administrators from 12 school districts and science and engineering business professionals, were exposed to intensive formal training in elementary science education while simultaneously working on strategic planning issues.

Eric, a member of the senior technical staff at DSD-SD, says it was an extremely worthwhile experience. "I found the institute to be one of the most productive conferences I have ever attended. In those 5 days, we were able to draft a 5 year science curriculum plan, which I will assist in implementing in the Escondido school district. The formal training at the institute combined with the immediate application of that training has given me better insight into the development of strategic plans in general and, as such, has given me the opportunity to improve my management skills and provide for professional growth. Since the focus was on education and educational strategies, I was also able to identify methods that I can apply in my own instructional efforts to improve my communications and presentation skills."

Eric's association with the institute began during its formation 5 years ago when he was asked to present an overview of the Computer Assisted Training and Education Initiative DARPA (Defense Advanced Research Projects Agency) proposal. The project would



Dr. Eric Nelson is part of a leadership

team that is implementing an investigatory science curriculum in the Escondido school district.

have introduced anytime, anywhere connectivity, computer assisted curriculum development, an electronic textbook publication infrastructure and specialized notebook-sized computers into the classroom. The presentation so impressed the alliance sponsors that they continue to solicit his involvement.

Eric also has a personal stake in promoting excellence in the Escondido school district. His daughter, Halley, is a 6th grader at Hidden Valley Middle School. □

Mann Tickets are Back!

Employee Services is pleased to announce the return of the Mann Theater discount ticket program.

Tickets valid through July 1999 are now available at a cost of \$5.00 each. There is no waiting period for discount ticket use following movie openings. Check your local theater listings for any other restrictions that may apply.

Please contact Chris Cavaliere in Employee Services at extension 4323 in Agoura Hills if you need additional information. □

Gone Fishin'

Data Systems salutes its retirees on their years of service and wishes them success in the years ahead.

James Harris

James Rhodes □

Litton Newsbriefs

PRC Awarded DoD Intelligence Information System Contract

PRC was one of six awardees for the \$350 million, five-year blanket purchase agreement for the Department of Defense Intelligence Information System (DoDIIS) Integration and Engineering Support Contract II (DIESCON II) program. The value of the contract to PRC is expected to be approximately \$100 million over the length of the contract. The DIESCON II contract, the preferred contract vehicle for the Defense Intelligence Agency (DIA) and the DoDIIS community, provides for system development, system integration, system migration and engineering support services.

Winchester Named President of Aero Products

Dr. James Winchester has been appointed president of Aero Products Division, replacing Leon Webrand who retired this month after 36 years with the company. Prior to joining Aero Products in 1997 as vice president, business development, Winchester was vice president and general manager of the Aircraft Systems Business Unit at Teledyne Controls and also held engineering and program management positions at Hughes Aircraft Ground Systems Group. Dr. Winchester holds Ph.D. and Masters degrees from UCLA and a Bachelor of Science degree from Cornell University, all in physics and engineering.

Erle Named LES President

Jeffrey M. Erle has been appointed president of Litton Enterprise Solutions (LES) replacing Henry T. Bodurka, who is retiring. Erle comes to LES from Automatic Data Processing, where he was vice president and general manager of the Dealer Services Division's western region. Prior to ADP, he held positions at Pepsi Cola Bottling Group and General Mills, Inc. Erle holds a bachelor of arts degree in economics from Johns Hopkins University. He will be based at LES' Woodland Hills, California headquarters. □

In the Spotlight

If you were to ask last month's mystery employee her recipe for success, education would surely be one of the main ingredients. Combined with hard work, the desire to continually improve and a sense of adventure, it has opened many doors for Engineering Specialist Magali Leal.

Magali grew up on a vineyard in the San Joaquin Valley, the eldest of three daughters. Her parents stressed the importance of education and Magali took their advice to heart, earning a scholarship to attend Loyola Marymount University in Los Angeles. It was quite a change



from the rural lifestyle to which she was accustomed, but she adapted quickly, graduating with a degree in Romance languages.

A summer spent in Europe during her college years proved to be a turning point for Magali. She discovered that she loved traveling and decided whatever career she chose would have to involve some globe-trotting. About this same time, she was approached about joining the ROTC at Loyola Marymount. It was after the end of the Vietnam War, a troubled time for the military, and she did a lot of soul searching. In the end, she decided that a military career would not only give her the chance to travel the world, it allow her to serve her country and have an impact on preserving our way of life. She also believed it would foster personal growth and provide leadership opportunities not available in civilian life. Of the six women who joined ROTC with her, Magali was the only one, and the first female ever from Loyola Marymount, to receive a commission in the Air Force. She was also in the first female class to graduate from the automated weapons controller school.

She served for 11 years, eventually attaining the rank of captain. Specializing in the dogfighting arena of aircraft control, she provided air crews with the information necessary to 'kill the bad

guys.' In this position, the controller needs to know everything about the capability of aircraft, in terms of its maneuverability and armament, in order to properly direct and protect the crew. Magali was one of the best. She believes her artistic talents enhanced her skills. "I have always had an ability to think in three dimensional terms and to see fighter intercepts in angles and ratios rather than as a whole. This, coupled with my knowledge of aircraft, helped me to visualize the optimum approach in combat situations."

Magali's last post was at March AFB where, in addition to her controller duties, she conducted tours of the air defense facility. In this capacity, she led a tour for a contingent from Venezuela which was purchasing an air defense system from ITT. Because of her intimate knowledge of the system, Magali was offered a position as a test director with ITT Gilfillan. Although she loved the Air Force, she felt that, as a woman, she had progressed as far as she could. Other positions to which she aspired were considered combat positions and were not open to her. So, she decided it was time for to her next adventure — civilian life.

Ironically, her first civilian assignment put her in greater jeopardy than any of her military postings. She spent a year in Venezuela helping them learn to use the ITT air defense system they purchased and, while there, found herself in the midst of a Marxist uprising! In spite of the rather frightening circumstances, she found she truly enjoyed her new work. Upon her return to the States, a friend who worked at Data Systems encouraged her to apply — a great move for her she says.

She has worked on several programs, including RDS, TAOM/MCE, Omnibus and Sure Strike. She found her work on the Sure Strike program particularly satisfying because the product went immediately to help the

troops in Bosnia.

Magali is currently assigned to R/SAOC. She brings an important and unique perspective to this program because, while in the Air Force, she was involved in bringing on-line the system R/SAOC is replacing. She has an intimate knowledge of all the interfaces — who sends what to whom — and her understanding of tactics makes her a perfect fit for the testing environment.

Although her military service took her to many places such as Germany, Italy, Saudi Arabia, Spain, Denmark and Sardinia, she still has that wanderlust. Future vacation goals include Asia and a golf tour through Ireland.

Magali serves as president of the Litton Ladies' Golf Club and is on the board of the Management Club, where she is responsible for scholarships and community charities. She is particularly proud of a Management Club-sponsored golf tournament which raised \$3,000 for their CSUN scholarship fund, a true labor of love for one who believes education is an extremely important tool in bettering lives.

In her spare time, Magali enjoys many artistic pursuits such as sculpting, painting, making jewelry and crocheting.

Magali says working for Data Systems fulfills her desire to serve her country. Her future career goals include leading a system test team. She thrives on the responsibility entailed in being the last check before the product goes out the door to the customer. "We hold a huge responsibility in doing the last product demonstration and ensuring that our product works to the best of its capabilities. But, I also derive a great satisfaction in knowing that my efforts help support our country's armed forces and have an affect on world events."

Next month's mystery employee originally came to Data Systems in the early 1980s. She returned about 4 years ago. She is a true believer in the adage that 'good things come in small packages.' She recently became an officer for DSD clubs. Do you know who she is?

Congratulations to Kathy DeSimone, Karen Luna, Julie

Continued on page 8

Milestones

Congratulations to the following employees who celebrated their anniversaries during the month of July. Employees with 20, 25, 30 and 35 years of service are invited to be pictured here.



Ronald Marson

35 years, Director, Program Office, Program Management



Nan Barnes

30 years, Manager, Technical Data Section, Engineering



James Gee

30 years, Member, Senior Technical Staff, Engineering



Kenneth Bertsch

25 years, Engineering Specialist, Engineering

30 years: Jerrell Selner, Paul Chandler.

25 years: Richard Lincoln.

20 years: Dee Davidson.

15 years: Gary Effertz, Michelle Flores, Amelia Pryharski, Sarah Reader, Lulu Vieth.

10 years: Nabih Mansour.

5 years: Robert Banks, Richard Jepperson, Lesley Pelka, Kathryn Shedd. □



Micki Fisher

20 years, Quality Engineer, Senior, Operations

On Board

Data Systems welcomes the following new employees

Administration: Chad Littler.

Engineering: Timothy Allwardt, Timothy Demijohn, Leanette Fisher.

DSD-San Diego: Arnold Edner. □

Hotline

Employees may call the Division "Hotline" with any questions or comments or perceived noncompliance with the "Standards of Conduct."

- Moorpark/Agoura Hills.....818-706-4669
- Other Ca.....1-800-843-5165
- Outside Ca.....1-800-237-0934 □

ETC Notes

Gift Certificate Drawing

Congratulations to Ursel Arias who won the \$100.00 J.C. Penney gift certificate in the monthly drawing.

Smart Commuting

Help clean the air. If you put 10,000 miles on your odometer this year, you'll also be putting 350 pounds of pollution into the air. By leaving your car at home and ridesharing, you'll help cut the emissions that cause smog. □

Bargainmart

Employees and retirees of Data Systems may use this column free of charge. Ads are limited to one per person each edition and may be extended to another upon request

Ads must be fewer than 25 words and will include home phone numbers only (except Rideshare). Ads not meeting these requirements will not be published nor will they be returned. Send ads to Employee Services at M/S 15-22

Deadline for the next issue: August 5.

FOR SALE

1989 HONDA CIVIC LX SEDAN, \$6,900. Excellent condition, low mileage (34,200 mi.), 5 speed stick, A/C, am/fm/tape, alloy wheels, burgundy color. Call (818) 996-5574.

4 TIRES 235 75 15 tires with aluminum factory wheels from '97 Yukon. Less than 1,000 miles. Fit most GM pickups and SUV's. \$500. Call Neil (805) 581-9368.

OTHER

ACOUSTIC CEILINGS. Furnished/unfurnished homes. New/Respray Interior wall repairs. Texture to match Jim Daniels for free estimate (805) 647-9849. License #436134.

4.9-7 9c/MIN LONG DISTANCE, 24hrs/7days/week. Also, One Number/Follow-me, 9-way conferencing. See www.i-link.net Call (818) 345-6918. □

Standards

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Documents received from any source, including customers, vendors, prime contractors, subcontractors, etc., must be carefully scrutinized for any possibly unacceptable or suspicious boycott language. Particular phrases and words, such as requirement to "certify," "refrain" from certain actions, or make "negative certifications," should immediately alert the recipient to the presence of a prohibited boycott.

Examples of prohibited boycott activities are a request to certify that 1) No components from country X are used in the end item; 2) No banks from country X shall be used to finance the transaction; 3) No airlines or ships from country X may be used to transport the goods; 4) No contracts may be signed with country X.

Personals

Notes of thanks were received from

Norma Wolf to her DSD extended family for all the cards, flowers and prayers received during her recent illness and surgery which were instrumental in her recovery.

Jeanie Smith and Bill Duke for the lovely flowers sent in memory of her father.

Barrie Bartulski for all the cards and beautiful flowers sent upon the passing of his mother, Mary □

Document areas where prohibited language can appear and where people should be alert are contracts, letters of credit, bills of lading and airway bills, freight insurance and certificates of all kinds.

Additional information and examples of boycott wording can be obtained from DSP 1009-21, "International Boycotts," from Division Legal Counsel and from department supervision.

Compliance with this standard is of the utmost importance to the welfare of the division and is the responsibility of all employees


"Exports and Boycotts" is item 7 in Data Systems' "Standards of Conduct" booklet. □

Spotlight

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Sheerin and Mike North for correctly identifying Magali.

Please submit all entries to Data Systems Today Spotlight Contest at M/S 15-22 by August 5, 1998. Include your name, employee number, location and extension. A total of ten winners will be chosen at random from all correct entries. Winners will each receive a pair of movie tickets to an Edwards, General, Pacific, AMC or United Artist theater. All current Data Systems' employees are eligible to participate. □



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