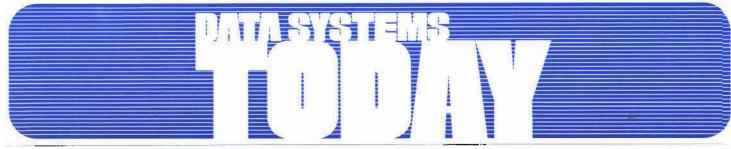
Data Systems



June 30, 1997

## DSD Mississippi Team Honored at Corporate Symposium

The annual Corporate Advanced Engineering Symposium is the event of the year for the technological community of Litton to engage in an exchange of technical ideas, a review of the paths of technology that various divisions have taken and a discussion of the direction of the future. This year's event, hosted by Litton Systems Canada Limited, was held in Toronto, Canada May 5-8, 1997.

The symposium also provides an opportunity to share honors with those selected for Litton's premier technical achievement awards.

This year's awards recognized 29 recipients in the following categories: Advanced Product Development, Advanced Technology Innovation, Lifetime Achievement, the Charles B. Thornton Award and the Fred W. O'Green Award. The Fred W. O'Green Award was established this year by John Leonis, Chief Executive Officer, and Mike Brown, Chief Operating Officer, to recognize the most superior product development achievement throughout the entire corporation. The Programmable Integrated Communications Terminal (PICT), awarded to the DSD team responsible for its development, was selected from a final field of 11 products.

Continued on page 5



Richard Schmidt, Hank Coolidge and Bill Andry (from left),

accepted the Fred W. O'Green Award for the most superior product development achievement throughout the entire corporation. They were members of the team responsible for development of the Programmable Integrated Communications Terminal.

## Senator Lott Addresses Mississippi Management Club

"Is it fair? Is it honest? Will it work?" These simple phrases capture the essence of the remarks made by Senate Majority Leader Trent Lott to a gathering of the Litton Data Systems Division Management Club on March 26 at the LaFont Inn in Pascagoula In addressing the 125 members and guests of the Management Club, Senator Lott spoke fondly of the Gulf Coast and expressed his delight at being home for the Easter break.

The senator spoke briefly on a wide range of global subjects such as free trade with South American countries, unrest in Bosnia and the leasing of the Long Beach Naval Station to the People's Republic of China, as well as topics closer to home—health care, immigration, inheritance taxes, tax

relief for small businesses, capital gains taxes, the Welfare to Work Bill and tax credits for families with children Senator Lott spoke candidly of his fundamental ideals and principles



and his hope of returning some dignity to the lives of Americans as free enterprise takes hold worldwide. He received a spontaneous round of applause as he spoke of "taking care of our own folks in Mississippi!"

The Management Club was proud to recognize several visiting corporate dignitaries, including the newly appointed Vice President of the Information Systems Group. Al Munson, Al Powers, President of Litton Data Systems Division and Lawrence Hoke, Controller of the Information Systems Group Local dignitaries included Bill Pope, Senator Lott's local aide, Gerry St Pe', President of Ingalls Shipbuilding and William J Allison, Vice President and General Manager of Data Systems, Mississippi. □

## Data-to-Day

### Proposal Teams Work 'Round the Clock

By the time you read this, proposals for two large programs will have been submitted to our government customers. We anticipate receiving both awards shortly. Here's some background on these important proposals.

# XM95 Mortar Fire Control System (MFCS) Proposal

Fact The U.S. Army Picatinny Arsenal's Request for Proposal (RFP) was released on May 9 with a one-month suspense date

Fact An August 1997 award is anticipated

Fact. A May 15 visit to the Mortar PM and our partnership with the industry's "best" development team enhanced our system understanding and facilitated our proposal writing effort

And, the fact is This proposal presented us with a unique opportunity to move into the next-generation of expertise for fire control software and integration. Led by Walt Hicks from Business Development's RDS unit and ably assisted by industry-acclaimed team members from Delco Defense Systems Operations, Hughes Defense Communications and MEI the proposal team submitted an outstanding and compliant response on June 9, detailing our technical approach, combined engineering expertise and unparalleled in-depth background knowledge

Why is this program such a super "fit" for us and our team members? First of all, today's expanded military responsibilities world wide have highlighted the need for precise and highly accurate "close in" fire support — and command and control (our business!) is the key to such support. Further, the MFCS provides automated fire control, improved accuracy (ballistic/pointing gyro, navigation and weather corrections), improved response time and interoperability with associated fire supporters (e.g., artillery). And finally, a system such as MFCS fills a longstanding gap in the military's array of interlocked, short distance weapons by making it possible to deliver fast and

devastatingly accurate fire support to our forces directly in "harm's way "

With development and production phases spanning 8/97 through 8/06, the MFCS program represents a potential value to Litton in excess of \$50 million

# The Rugged Handheld Computer (RHC) Proposal

RHC — that's the U.S. Marine Corps name for the HTU (or the "Enhanced HTU"). The RHC acquisition involves two separate, but closely related competitions. The Limited Rate Initial Production (LRIP) proposal for 50 RHCs delivered in the Summer/Fall of 1997, and the Production proposal for up to 12,000 RHCs for delivery over the next 5 years. The LRIP effort involved a competitively important demonstration in the Government's facilities that was conducted during the last three weeks in June. The LRIP proposal was submitted on May 27 and the Production proposal on June 23. All these proposal efforts were managed by Charles Richardson from Business Development's Rapid Deployment Systems business unit

Here's how the standard RHC enhances the standard HTU presently being delivered to the U.S. Army, some allied militaries and a few U.S. Marine Corps programs.

- 1 256 color display
- 2 touchscreen
- 3 Pentium-class processor
- 4 embedded Global Positioning System (GPS)

The RHC program schedule is ambitious, our product is superior and we confidently expect the contract will be awarded to us by mid-July. The RHC program is important because it represents the Marine Corps' standard handheld terminal for multiple applications, similar to the Army's CHS 2 program. Winning RHC, coupled with CHS 2, will give Data Systems "dominance" within the military's hand-carried tactical computer/terminal arena RHC's potential value to Litton exceeds \$35 million.

### Litton news briefs

#### Litton Receives Production Contract and Options for Improved Radar Warning Receivers

Litton's Applied Technology division has been awarded a production contract and options totaling \$116.2 million by the Aerospace Industrial Development Corporate of Taiwan, ROC, for improved Radar Warning Receivers (IRWR). The IRWR will be installed aboard the Republic of China Air Force's new Indigenous Defense Fighter Aircraft. Production of the new radar warning systems will take place at the division's Grants Pass, Oregon facilities

#### Litton Develops Prototype 3D Display

Litton Industries, Inc. has completed an advanced prototype model of an autostereoscopic three dimensional display system using patented technology developed in Cambridge, England. The completion of this unit by Litton's Guidance and Control Systems division and its alliance partners. Autostereo Systems Ltd of Cambridge and Infinity Multimedia of Sherman Oaks, CA, marks a milestone in the development of realistic, unaided, true 3D displays. The prototype model incorporates a 25-inch diagonal, 28 view monitor and associated processing hardware and software which enables the viewer to see actual 3D imagery without the need for special glasses. Litton will market this display worldwide for use in defense and related industrial applications.

### Litton Receives \$22 Million U.S. Air Force Contract

Litton Industries, Inc. announced it will develop and manufacture the gyro reference assembly for the U.S. Air Force's new missile warning satellites - the Space Based Infrared System (SBIRS) Lockheed Martin's Missiles and Space Company in Sunnyvale, CA, the U.S. Force's SBIRS prime contractor, has awarded a \$22 million subcontract to Litton's Guidance and Control Systems' Space and Launch business in Goleta,

Continued on page 8

### **Excellence in Customer Service Rewarded**



May's iCare winners (from left)

John Kennelly, Don Smith, Frank Collins, Norma Kaminski, Georgia Traver and Bill Villasenor received their awards from Vice President of Contracts and Pricing Jim Arthur.

Two teams and two individuals received well deserved recognition in May for their efforts to ensure customer service satisfaction. The awards were presented by Vice President of Contracts and Pricing Jim Arthur.

Don Smith was nominated by Bob Stinson and Mike Erickson because of his extraordinary efforts in achieving both internal and external customer satisfaction Don is responsible for overhaul and repair of E2C buffer cabinets. Although his responsibilities do not include making required electrical changes, he developed these skills and, along with building in all the necessary mechanical changes, was able to retrofit the cabinets with zero defects. He satisfied his internal customer, Test and Inspection, and met the contractual requirements for the external customer, Grumman.

Norma Kaminski was nominated by Edda Ashe for enhancing Data Systems' image with external customers by consistently providing support above and beyond normal expectations. At a luncheon held during a briefing here, Colonel Troffer, the new Commanding Officer of MCTSSA, was greatly impressed with both the attentive service and the appearance of the dining room. In addition, Norma's cheerful and will-

ing support (and daily pastry deliveries!) to those working long hours during the R/SAOC program proposal activity served to boost their morale. She also provided support for 6 R/SAOC customer visits each involving 25 or more people. Norma supports many of these functions with very little notice.

John Kennelly and Bill Villasenor were nominated by John McFadden for developing a special tool to extract Keying Pegs from the Digital Communications Unit LTU Circuit Card Assembly. This tool, to be used in the P3I production Field Kits, saves the cost of replacing entire CCA connectors as well as the time required to replace them.

Frank Collins and Georgia Traver were nominated by Amnon Levy for their efforts to resolve a TADIL B (a waming signal from one command post to another) problem during the development of THAAD Build 2 2 software. Their concerted effort, involving close coordination with two vendors and the customer, traced this problem to vendor firmware and resulted in the successful completion of an integration milestone

Each award recipient receives an iCare cup, pin, desk pen set, certificate and a gift valued at \$75, good at one of five department stores. Employees

selected for a second iCare award receive a photo cube to add to their desk pen set and employees receiving their third award are given a matching paper clip dispenser. Award winners are also invited to attend the semiannual Award Winner's Luncheon held at the Radisson Hotel in Agoura

Since the program began in February 1994, 358 employees have received iCare awards

### Standards of Conduct: Antitrust Laws

This month's article is on "Antitrust Laws," and how they relate to you as a Litton Data Systems' employee

The U.S. Government learned long ago that attempts to restrain trade or monopolize any part of trade or commerce could result in increased prices, decreased production and the elimination of competition. In order to deter these types of business practices, the U.S. Government began enacting statutes which are now collectively referred to as "antitrust laws"

Antitrust laws prohibit: (1) any attempt to "conspire to monopolize any part of a trade or commerce," (2) "tying" arrangements with customers, (3) price fixing, and a variety of other actions which suppress competition

A company is said to be monopolistic when it possesses exclusive control of a commodity or service in a given market. This type of control makes possible the setting of price levels and virtually eliminates free competition.

A tying arrangement occurs when the sale of one product is conditioned on the purchase of another Sellers are prohibited from conditioning the sale of a product upon the buyer's agreement to either (a) purchase other products from the seller, or (b) refuse to deal with the seller's competitors.

In order to ensure compliance with the antitrust laws, Data Systems employees must avoid exchanging infor-

Continued on page 6

## And You Thought It Was All Just Engineering

The Korean Navy Tactical Data System, or KNTDS, which was developed at our Mississippi facility and has been operational with the Republic of Korea Navy since May 1995, recently made humanitarian headlines in South Korean newspapers After our representative in Seoul faxed us translations of articles from the May 15 editions of two Seoul-based papers, we were sure you'd be interested, too The Dong-Afternied these headlines

Computer Tactical Data System Victory

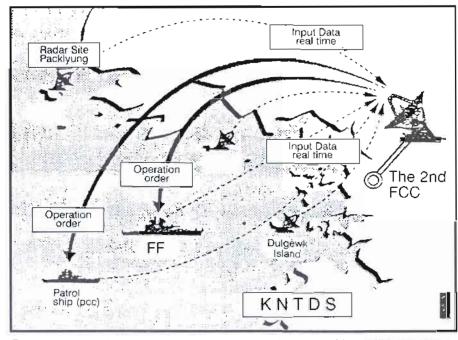
Boat People Guided to Safety Radar Information Enables Immediate Rescue Order

while the Jung-Ang newspaper declared:

KNTDS Hero in Dramatic Rescue Computerized System Provides Immediate Response

Much Faster Than Conventional
Radio

Both newspapers told the same touching, edge-of-your-seat story about one family's daring dash to freedom. According to these reports, 14 members of the Kim Won-Hyung family, under the guidance of a Mr. Ahn, left North Korea in a small boat on May 12 and



Facsimile of the Korean newspaper sketch, showing area of interest in the rescue effort. (Our representative in Korea translated the call-outs for us.)

mingled with a 50-boat Chinese fishing fleet off the western coast. At about 3 p.m., an operator at the KNTDS radar site on South Korea's Packlyung Island, who had been routinely tracking the fleet, reported a single boat sailing rapidly south out of the fleet, whereupon

the duty officer at the radar site immediately ordered the commander of a South Korea Navy patrol vessel in the area to approach the unidentified boat. In less than 45 exciting minutes, the tiny craft carrying the 57-year-old Mr Ahn and the Kim family was under the pro-

## Mississippi iCARE Honors Go To Fifteen



#### April's iCARE award winners were I to r (front)

Steve Hayes, Zeny Palmer, Kim Scaturro, Pauline Byrd, Merry Ann McLain, Donna Burton, Sarah Perette and Larry Isaak and (back) Dave Palmer, Blair Sherwood, Deannie Kuebler, Joe Hoebing, Ron Harvey, Kurt Hall, Bobby Iden and Mike Costello. Not pictured are Joe Baji, Ken Berry and Donnal Howell.

Data Systems-Mississippi Vice President and General Manager Bill Allison presented April's iCARE awards to three teams and one individual. Earning recogni-

tion for efforts above and beyond expectations were:

The team of Sarah Perrette, Merry Ann McLain, Donna Burton and Pauline Byrd for their efforts in meeting a shortened delivery schedule for the completion of 20 C-9005 Control Indicators

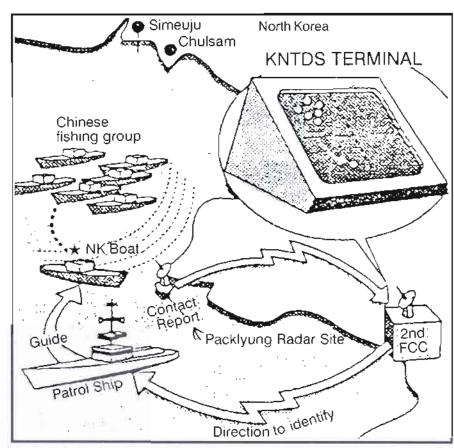
The team of Kim Scaturro, Larry Isaak, Steve Hayes, Donna Howell, Mike Costello, Joe Hoebing, Dave Palmer, Deannie Kuebler, Joe Baji and Kurt Hall for their resolution of complex problems during the CSTS (Combat Simulation Test System) under difficult and stressful conditions

Ken Berry for his initiative in establishing PC capability to allow for participation in Intranet Development exercises

Congratulations to all for their fine efforts  $\square$ 

tection of the South Korea Navy, having successfully sailed out of North Korean jurisdiction and into the arms of freedom. A North Korean patrol ship located less than 30 km away from the incident had taken no action to prevent the South Korean intercept and rescue.

In addition to photographs of the family and other human interest details of their story, both newspapers described how the KNTDS system works and why it has made such a dramatic improvement in the speed and efficiency with which their Navy can operate. Such phrases as "... several hundred targets can be identified and evaluated and then reported automatically.. " and "... ship's movement and weather conditions can be analyzed immediately." and " state-of-the-art computer system sends data to combat information center in real time "accompany laudatory statements about the entire rescue effort being finished in the amount of time it would normally take conventional radio communications just to report the situation Indeed a triumph — for engineering expertise as well as for the human spirit. We can be both proud and grateful that our efforts here at Litton Data Systems have been instrumental in effecting another small victory for freedom.



A more detailed sketch from a Korean newspaper, explaining how the KNTDS-based rescue was accomplished and giving considerable attention to the terminal.

#### Technology Award

continued from page 1



### Developed in 1996, the PICT

(Programmable Integrated Communications Terminal) allows a userprogrammable voice terminal to integrate shipboard dial telephones, voice nets, intercoms, radios and surveillance camera video.

Receiving the award for Data Systems were Richard Schmidt, Hank Coolidge and Bill Andry Also present at the Symposium were Allen Powers, Vice President and President of Litton Data Systems, Alden Munson, Senior Vice President and Group Executive for Information Systems, Richard George, Vice President of Engineering, William J. Allison, Vice President and General Manager of Data Systems, Mississippi and Douglas Somerville, Director of Engineering, Data Systems, Mississippi, 🗆

## **Promotions**

Engineering: David Priputen to ILS Project Leader Robert Conley III to Engineering Specialist Gary Duffy to Senior Engineering Specialist Richard Finnegan to Senior Engineering Specialist Karl Mahdesian to Engineering Specialist, Jacqueline Millsfield to Engineering Specialist. Steven Oster to Senior Engineering Specialist Long Tri to Senior Engineering Specialist Quwatha Valentine to Senior Engineering Specialist Warren Wegerer to Senior Engineering Specialist Gregory Winter to Engineering Specialist. Timothy Schimke to Principal Engineer James Gurr to Technical Manager. Jarrell Mitcham to Scientist. Gary Johnson to Member, Senior Technical Staff.

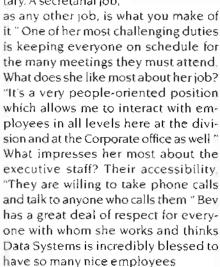
Administration: John Harte to Supervisor, Accounting. Kay Gustafson to Programs Finance Administrator.

**DSD San Diego**· Ronald Cavendar to Manager, Facilities and Security □

## In the Spotlight

"I've never had a job I didn't like." The position she assumed two years ago is no exception for last month's mystery

employee, Beverly Woodward Bev thoroughly enjoys her role as Secretary to the President. In this capacity, she supports Division President Al Powers, Vice President of Administration Duane Anderson and Vice President of Program Management John De Vere. "Hove being a secretary and I'm proud to be a secretary. A secretarial job,



Bey came to Data Systems in 1981 to fill a position as an executive secretary for the Law Department and the Vice President of Contracts In addition to her interest in working in the legal field, she was attracted to the position because of its close proximity to her home. She wasn't looking forward to the move to Agoura in 1991, but found it to be a blessing in disguise. A vanpool rider since moving out here, she has learned to enjoy the time the commute gives her to relax after a day's work. Getting to know her fellow vanpool riders has been another plus. "They're a great group. We've had a few rider changes over the years, but we've never had a single disagreement."

Bev has always enjoyed working, but her family is a top priority as well. She took a number of years off to stay at home and raise her children, Mark, Gregg and Tim. Her church and her

children's school reaped the benefits of Bev's organizational skills during this time through her volunteer work and stint as chairperson of the parent's association at school

Traveling is Bev's favorite pastime She and her husband of 39 years. Marshall, made their first trip to Hawaii in February and cannot wait to go back. They are cur-

rently planning a trip in October to Williamsburg. Virginia and the surrounding area to visit historical Civil War sites. They also enjoy vacationing in the outdoors where they can hike and fish. Other leisure time pursuits include gardening, reading, cooking and doing needlework Bev is also an active member of the Litton Art Guild.

Bev had the opportunity to indulge in another favorite activity this month when Tim and his family traveled from Arizona to join her, Marshall and Mark for a vacation in the Sierras. Tim is the father of 16 month old grandson, Andy, whom Bev obviously adores "Being a grandmother is great," she said. "Marshall and I are really looking forward to the time when Andy will be old enough to come and visit us by himself "My guess? She's hoping to have the opportunity to completely spoil him without any interference from his mom and dad!

Congratulations to Pam Pinkham, Marty Martinez, John Murillo, Florine Henton, Estelle Cervantes, Valerie Arvizu, Chris Huffman and Julie Sheerin for correctly identifying Bev as the mystery employee.

Next month's mystery employee joined Data Systems in the late 1980s. She is an ardent believer in the benefits of exercise and shares her expertise with others. She loves to ski. Do you know who she is?

Please submit all entries to Data

Systems Today Spotlight Contest at M/S 15-22 by July 6, 1997. 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.

#### Standards

continued from page 3

mation with competitors on price cuts, price increases, allowances, costs, terms and conditions of sale, etc. Additional actions which must be avoided include exchanging pricing methods or formulas, and calling competitors to verify past or current price bids or quotations to customers

Violation of the antitrust laws carry severe penalties. Individuals who are convicted for violating these laws can be imprisoned for up to three years and receive a \$100,000 fine; corporations can be fined up to \$1,000,000 Private companies and individuals may also file lawsuits to recover damages which resulted from perceived violations. This action is independent of any Government action

An antitrust suit is a serious matter It is Litton's policy, and has been since the company was founded, to comply with the antitrust laws and to conduct business in such a way as to avoid potential antitrust activities. Responsibility for compliance with the antitrust laws rests with each employee.

Employees are required to report any perceived violation of this Standard to Division management. The Hotline may also be used to report a perceived violation. The Hotline numbers are. Agoura Hills, CA (818) 706-4669; Other CA 1-800-843-5165 (toll free); Outside CA 1-800-237-0934 (toll free)

Employees may call these numbers without concern of retaliation. Additional information regarding antitrust laws can be found in DSP 1000.

### **Milestones**

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

35 years. Donald Olson

30 years: Isaac Jarchi.

20 years Mark Dague, Lawrence Zelenak, Raymond Pizzuti

15 years Constance Bauer, Inez Ruiz, Carolyn Worley

10 years: Arsen Melconian, Karen Santen, Donna Bowman Nelson, Eric Mitobe, Jeffrey Cook, Lisa Chandler.

5 years. David Koepke, Paul H Smith, James Karins, James Moran, William Yordy, Donna Bellais. □



Arthur Kitzler

35 years, Engineering Technical Manager, Engineering.



Thomas Seckar

35 years, Member-Senior Technical Staff, Engineering.



Robert Ruecker

20 years, Data Base Administrator, Administration.



Leigh Murphy

20 years, Member-Senior Technical Staff, Engineering.

## Gone Fishin'

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

Roy Byers

Duane Hohn

John Kennelly

Clarence King

Ralph Peterson

Virginia Stone 🗆

### 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 🗖

### Personals

Notes of thanks were received from the following  $% \left\{ \mathbf{r}_{i}^{\mathbf{r}_{i}}\right\} =\mathbf{r}_{i}^{\mathbf{r}_{i}}$ 

The Lumley family with deepest gratitude to everyone at Litton for the outpouring of love and concern upon Richard's death.

Roy and Connie Byers for all the cards, calls and visits during Roy's recent surgeries □

## **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: July 6, 1997.

#### FOR SALE

1982 CHEVY CAMARO. T-Top, chrome wheels, a/c New radio, speakers, alternator, water and fuel pumps and more. Excellent running condition. \$3,200 or best offer (818) 781-5932.

#### OTHER

COMPUTER TUTOR Microsoft applications, Internet applications, system upgrades, troubleshooting Satisfaction guaranteed Frank (818) 991-5689.

ACOUSTIC CEILINGS, Furnished/unfurnished homes New/Respray, Interior wall repairs. Texture to match, Jim Daniels for free estimate. (805) 584-8747, License #436134, □

#### Newsbriefs

continued from page 3

CA The SBIRS gyro reference assembly facilitates the satellite's high-precision missile tracking capability. The SBIRS constellation of satellites is intended for long-term replacement of the current missile warning satellites, with deployment scheduled for shortly after the year 2000.

# Navy Awards \$164.7 Million for Future Destroyers

The U.S. Navy has awarded the Ingalls Shipbuilding division of Litton Industries a \$164.7 million contract to begin advance procurement of materials to be used in the construction of future DDG 51 Class Aegis destroyers. The contract is to purchase a variety of standard equipment items for 12 additional Aegis destroyers authorized by Congress. Actual ship construction contracts are to be awarded to Ingalls and Bath Iron Works in a single, multiyear procurement process to be conducted later this year. This advanced procure

ment plan, called Efficient Order Quantities (EQQ), allows shipbuilders to place orders for equipment for all of the ships authorized over the four-year period. Taxpayers will save millions of dollars through this process that allows shipbuilders and their suppliers to plan for multiship procurement.

# Ingalls Selected to Build Supply Vessels

Ingalls Shipbuilding will build as many as seventeen deepwater offshore supply vessels for a leading ship chartering Louisiana firm. Ingalls will build ten 240-foot offshore oilfield supply vessels for Edison Chouest Offshore of Galliano, Louisiana The agreement includes contract options for an additional seven vessels. Ingalls is also discussing additional engineering construction and outfitting services with Edison Chouest The value of the contract for ten to seventeen supply vessels ranges from \$40 - \$70 million. □

### On Board

Data Systems welcomes the following new employees.

Administration. Lizabeth Schwartz, Sergio Aguilera, Daryl Grable

Program Management: John Rogers. □

### **ETC Notes**

Congratulations to the latest J.C. Penney certificate winners Steve Prather won \$100 in the monthly drawing and Joanne Stone was the winner of the quarterly drawing for \$250.  $\square$ 

