



**LORAL**  
Data Systems

P.O. Box 3041  
Sarasota, FL 34230  
(813) 371-0811



VOLUME XII, NO. 3

MAY/JUNE 1990

## NEW SOLID STATE FLIGHT DATA RECORDERS COMPLETED IN RECORD TIME

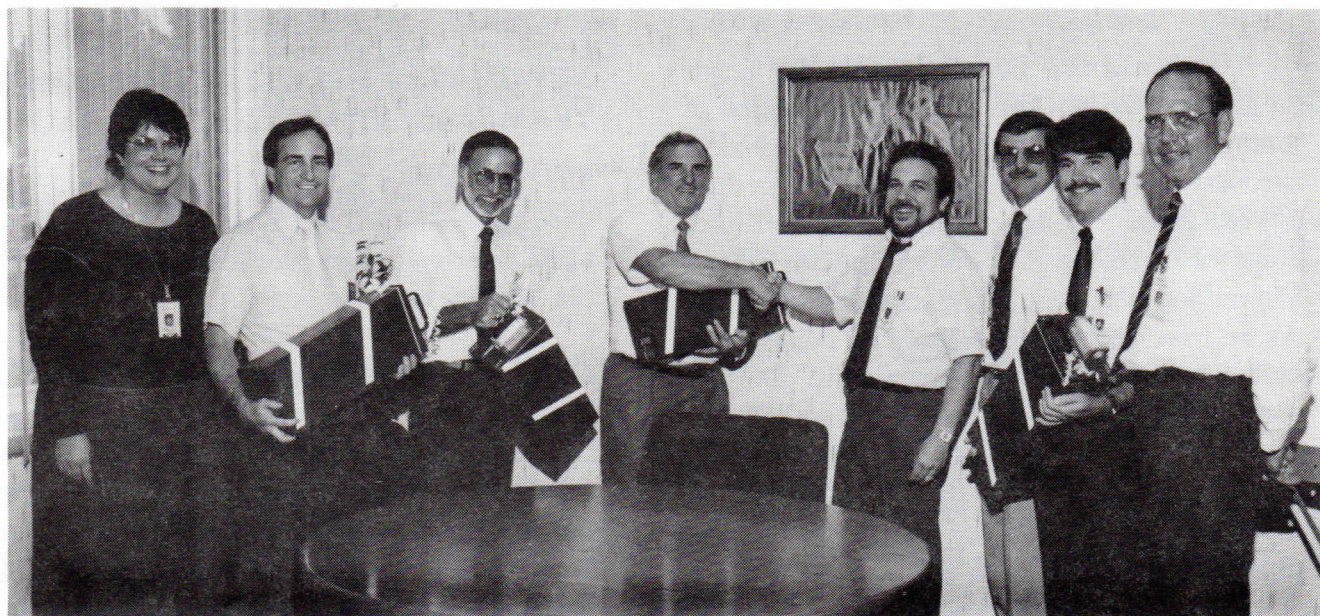
The Solid State Flight Data Recorder (SSFDR) is LDS's newly designed digital flight recorder which uses flash memory instead of tape.

On April 25, 1990, Charlie Grouse, Vice-President Aviation Recorders, requested four SSFDR's from Chuck Warren, Vice-President Operations. Chuck challenged the manufacturing team to complete four units in five weeks to meet Marketing's request.

The job involved a little research and a lot more imagination. The first step was to coordinate long lead time material with Engineering and ensure

that critical items such as castings, fire insulation and PWB's were to latest revision. Material Lists were reviewed and all parts were scheduled and placed on order. Since some parts still required last minute changes prior to release by Engineering, the Fab Shop and Fabrication Engineering were asked to make those parts. The remainder of the parts were procured in record time with the help of Purchasing.

After all the parts became available, Manufacturing Engineering and Assembly had to decide how to put these components together. They also  
Continued on Page 15



Members of the Aviation Recorder group responsible for the delivery  
of four SSFDR's ahead of schedule :

Robin Voss, Ben Robinson, Bill Hardman, Carl Aquilino  
Paul Copen, Phil Wright, Tim Sorenson and Chuck Warren.

## KELLER'S CORNER

I am instituting a series of articles in PULSE in order to keep all employees better informed. I would like this first article to address a very basic issue, the health of our business.

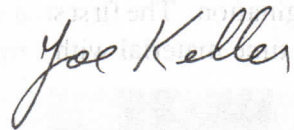
Rumors are rampant that we are about to experience a large layoff. Another popular rumor is that we will offer an incentive for early retirement. Let me tell you up front that these rumors are not true. There are reasons these rumors persist since the Defense Department's budget is under attack, the workload on our shop floor is low and "we are going out of the Instrumentation Recorder business."

There is no doubt that DOD's budget will continue to decline. You have all heard me state that DOD is our biggest customer and we have adopted policies and procedures to work for DOD. Would it then surprise you that DOD is only about 40% of our total business? I have also been saying that we have a very diverse business. About 40% of our business is with commercial customers and other government agencies. The remaining 20% of our business is international. We do not have any one large DOD program which would devastate us if cancelled.

It is true that the current workload is low on the shop floor. This is purely a question of timing. Except for Aviation Recorders we are a specialty business which means we don't produce any one product in large quantities and we do not build for inventory. Our current backlog is over \$55 million which equates to six months of work. As we have grown our backlog has increased in dollars but has remained at six months. This is a comfortable level for us. How could we ship this backlog if we had a large layoff? Further, our new orders are strong, so be patient. Before you know it you will have too much to do with not enough time to do it.

We have made a decision to stop selling our standard Instrumentation Recorder products in small quantities. We can't make a profit doing this so we won't do it any longer. The money saved will be used to grow the remainder of our business. We will continue to sell and make program recorders (USH-32, AQH-7, etc.) and Model 15's as long as we can be profitable. We will continue to support Schlumberger in the rotary recorder development with the anticipation that they will be successful. As we exit the standard product business, there will be a small number of jobs which will no longer be necessary. As in the past I will do everything possible to protect jobs.

The bottom line is that in total our business is healthy. I don't expect us to continue to grow as fast as we have over the past eight years but we are well positioned to survive the post-Reagan era. We will continue to selectively hire required skills and we will trim unnecessary costs to keep competitive. We will remain diverse and not put all our eggs in one basket.



### NEW IMAGE EMPLOYEE INVOLVEMENT TEAMSAYS "THANK YOU" ONCE AGAIN

The New Image Employee Involvement Team once again awarded certificates of appreciation at a luncheon to three employees who are always on the "giving" end.

Certificates were awarded to Marc Kolchakian, Harriet Fincher and Dave Clouse. Office Support Staff often receive unusual requests, and often not timely, however these folks always seem to manage to come to our aid. Many thanks to Harriett, Marc and Dave for your continued support. It was a pleasure for this Group to have the pleasure of your company time. THANKS AGAIN!

## DO YOU HAVE A CHANGE IN YOUR BENEFITS ??

As another school year comes to a close, please notify the Benefits Office at Ext. 5526 if there is a change in dependent status.

Any child who is under age 19, unmarried, and actually being supported by you, is considered an eligible dependent child.

Dependent coverage will be continued:

Until his or her 25th birthday for an unmarried, dependent child who is a full-time student.

The Prescription Drug Card only reflects coverage through age 18. If your dependent is past 18 and still a student, notify the Benefits Office and new cards will be ordered.

Remember, if you acquire a new dependent by marriage or have a new baby, you have 31 days in which to add them to your coverage. After that time, proof of insurability will be required. Forms may be obtained from the Benefits Office.

### PICNIC TIME

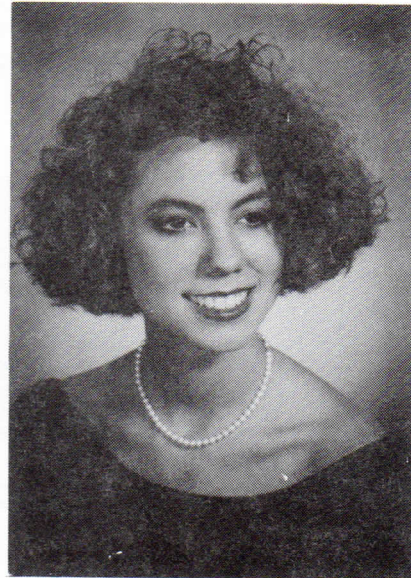
**GET READY, GET SET, GO!  
FOR A DAY OF FUN, GAMES, FOOD  
WITH YOUR CO-WORKERS, FRIENDS  
AND FAMILY.**

**DATE: OCTOBER 13, 1990**

**PLACE: TWIN LAKES PARK  
6700 CLARK ROAD, SARASOTA  
(1/2 MILE EAST OF CLARK RD.  
EXIT ON I-75)**

All are welcome to participate on the committees. Next meeting is Wednesday, July 11, at 10:30 AM in the Cafeteria.

## OUR FIRST "LORAL DATA SYSTEMS" SCHOLARSHIP WINNER !!



**VALERIE KNOPIK** has the honor of being our "first" "Loral" scholarship winner. Valerie graduated from Cardinal Mooney High School on June 1, 1990 as Salutatorian of her class. She received many other awards, among them being Most Outstanding Senior Girl; Outstanding English Student Award; Phi Beta Kappa; U.S. Army Reserve National Scholar-Athlete Award; Dean's Scholarship Award -Wesleyan College; Tandy Technology Scholar; Principal's Leadership Award, and several other Honor awards. Valerie plans to attend Wesleyan College in Macon, GA, majoring in Marketing.

At this time we also have six other recipients of scholarships attending college. Jason Davis, son of Bill Davis, is entering his third year as a scholarship winner. Last year's winners Mark Dungan, son of Dick Dungan; Kevin Hart, son of David Hart; Bruce Hutchinson, son of Mike Hutchinson; Katherine Nervina, daughter of Ray Nervina (retired); and Kelly Stover, daughter of Don Stover, are all actively pursuing their degrees received under the Schlumberger Scholarship program. This program has now been continued by Loral Data Systems.

## SERVICE AWARD PINS

Delivery of the Service Award Pins was a welcome sight. The new pins, with the Loral name, have been delivered, and by this date, delivered to all those employees who had earned a Service Award from July 1, 1989 up to June 30, 1990. Pictured below are Berenice Henderson and Brittany Anderson putting names on all the pins received.



These pins also had to be separated and sorted before they could be properly distributed. It was a big job, but one that gave Human Resources a great deal of pleasure.

We sincerely hope all those employees who waited so patiently are pleased with their pins. Wear them in good health!

## NEW PICNIC AREAS

Four shelters, designed by the Facilities Department, are now providing pleasant, shaded outdoor gathering places for breaks and lunchtime.

## 1990 SENIOR SCHOLASTIC ACHIEVEMENT AWARDS BANQUET

The 1990 Senior Scholastic Achievement Awards Banquet was held at the Sarasota Hyatt on May 21, 1990. The Sarasota Chamber of Commerce sponsored this event while Dr. Ruth Noller was the keynote speaker.

Fifty-two seniors were honored for their excellence in academics. One of our employees, *Kristi Weaver*, received an award for her achievements in the Language Arts Department.

Kristi was escorted to the banquet by Patty Woolums and Mike Lockwood, her supervisors, who also served as representative for Loral Data Systems who was one of the main sponsors for this annual event.

Kristi plans to attend MCC for two years to study computers and then plans to continue her education at a major university to attain her Bachelors degree.

This event is sponsored each year financially by many of our local businesses. We are proud to be one of those in Sarasota who contribute in some way to the recognition of special talents of our students to encourage them to become productive members within our current society.



An outdoor picnic area under construction

## TOTAL QUALITY MANAGEMENT TRAINING

Operations management has initiated formal training for 400+ operations employees at L.D.S. Barry Smith, a Manatee Community College instructor, is conducting weekly classes consisting of a Just-In-Time video course narrated by Ken Wantuck followed by group discussion. The course material deals with both the mechanics and the cultural issues required to manage the business in a "continuous improvement" environment. The classes began on April 30 and are scheduled for completion on October 12, 1990. There will be 4 weekly breaks in the training for management to review the progress and conduct makeup sessions.

Twelve teams, called process workcells have been selected and implemented in the Aviation Recorder manufacturing area. Each team is set up to provide a certain function in the CVR Manufacturing Process. Such functions are, for example; harness assembly, chassis assembly, and control unit assembly. Each team meets on a weekly basis to collectively solve problems and give ideas for improvements. The ultimate mission is to cultivate a philosophy that adopts and practices the following elements:

- \* Meeting Customer Needs
- \* Individual Responsibility for Quality
- \* Continuous Improvement
- \* Measurements
- \* New Supplier Relationships

Quality is meeting your customer's needs from the internal customer who receives the results of your work to the external customer who receives and pays for the end product. Remember, **THE ONLY JUDGE OF QUALITY IS YOUR CUSTOMER.**

Individual responsibility for quality requires every person and every unit, department or group in the company to regard itself as both a producer and a customer. Each must insist on delivering and receiving quality products and services throughout the process.

Continuous Improvement requires continuously identifying and eliminating waste by:

- \* Documenting the process
- \* Identifying non-value added steps
- \* Working to eliminate those non-value added steps

To accomplish a process of continuous improvement new ways of measuring our results need to be implemented. Some new measurements will include:

- \* Cycle time
- \* Quality (number of rejects)
- \* Material
- \* Total labor cost

Another concept to be implemented is new supplier relationships. These relationships will focus on establishing preferential treatment and long term commitments for preferred customers. A supplier rating system will be developed to provide payment incentives linked to high quality on-time deliveries.

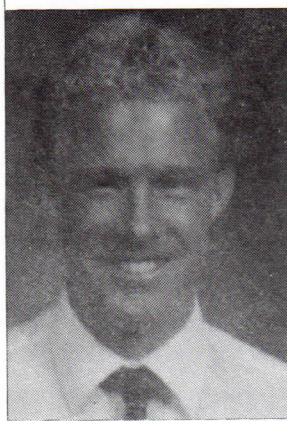
All of the items and concepts associated with JIT, TQM, Continuous Improvement, etc. relate directly to the application of good old common sense. The really difficult part is learning to share our responsibilities and authority to foster the required TEAM environment. We have the right people. We merely need to do it!

*by Bob Wallace*

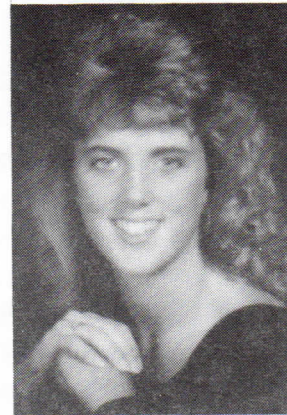
Pictured below is a group session being held in the Training Room by Barry Smith.



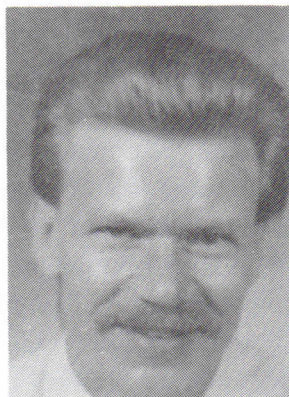
# LORAL DATA SYSTEMS EMPLOYEES EARN DEGREES CONGRATULATIONS!



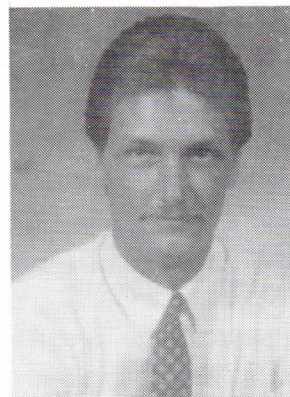
DARREL ALLERS



KRISTI L. WEAVER



PAVLO BOBREK



TODD R. WHITE

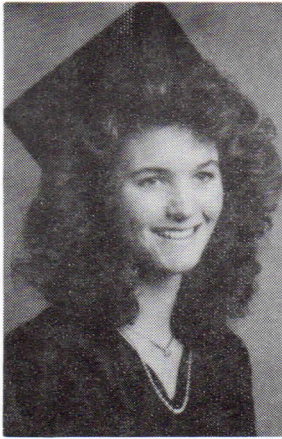
**DARRELL ALLERS**, a Telemetry Software Engineer, received his Master of Science degree in Engineering Management from the University of South Florida, Summer 1990. He plans to continue his education to earn a Masters Degree in Business Administration.

**PAVLO BOBREK**, a Principal Engineer in Telemetry, received his Master of Science Degree in Electrical Engineering in December 1989. He is planning to continue his education in the pursuit of a PhD.

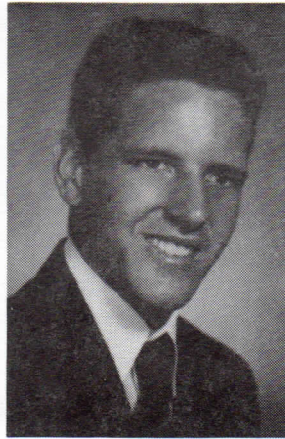
**ROBIN JOHNSON HEALY**, Logistics Coordinator with Aviation Recorders, graduated with honors from Manatee Community College with an Associate Degree in Business Administration. She is planning to continue at USF to attain a Bachelor's Degree in Business.

**KRISTI L. WEAVER**, a Data Entry Clerk in Purchasing Department, graduated from New Directions High School in March, 1990. Kristi worked in this department as a Student Aide while still attending school and is now a full time employee. She plans to attend MCC to study Computer Science and then continue her education at a four year school.

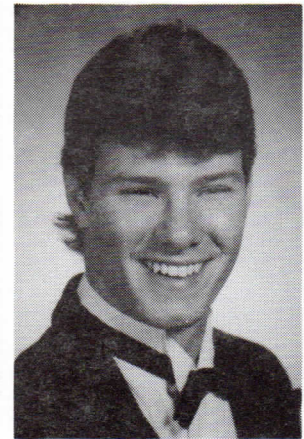
**TODD R. WHITE**, a Configuration Management Specialist with Recorders Division, graduated from Eckerd College in December 1989 with a Bachelor of Management/Computer Science Degree and is currently pursuing a Masters of Contract and Acquisition Management Degree at the Florida Institute of Technology.



KERRI L. BISHOP



JEFF BREWER



MATHEW COLE

## Congratulations, Graduates We Are Very Proud of You!

**KERRI L. BISHOP**, Daughter of Wyatt S. Bishop, Telemetry Sales, graduated with an A.A. Degree from Manatee Community College on May 4, 1990 and will continue her education at U.S.F. in Computer Science.

**JEFF BREWER**, Son of Judy Brewer, Program Coordinator, SPS, graduated from Sarasota High School on June 9th and plans to attend Manatee Community College.

**MATTHEW COLE**, son of Joyce Cole in Aviation Recorders, graduated from Booker High School on June 11. Matt has also completed a course at Vo-Tech and is a certified welder. He is presently employed as a Fabrication and Aluminum Specialist.

**CHARLES ELLIS**, Son of Elaine Ellis, Customer Support, graduated from University of Central Florida, Orlando, with a degree in Radio and Television. He is presently employed at Channel 40, but his goal is to be an on-air television sportscaster.

**CINDY ELLIS**, Daughter of Elaine Ellis, Customer Support, graduated from Booker High School and plans to attend Manatee Community College in the Fall.

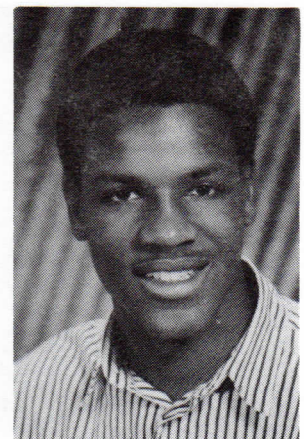
**BRYAN B.C.I. GRAHAM**, Son of Jimi Graham, Telemetry Publications, graduated from Sarasota High School on June 9th and plans to attend Penn State starting this Summer 1990 Term, majoring in Architectural Engineering.



CHARLES ELLIS



CINDY ELLIS



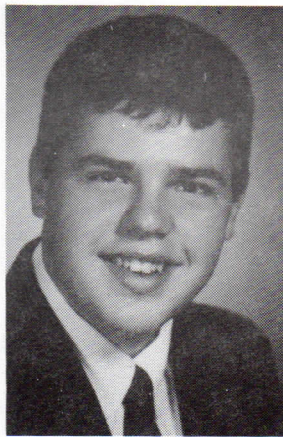
BRYAN B.C.I. GRAHAM



LORA HACKATHORN



DAWN HARRIS



CHRISTOPHER HART



TANISHA HATCHER

**LORA HACKATHORN**, Daughter of Michael Hackathorn, Telemetry Engineering, graduated this June from Sarasota High School and is scheduled to attend Manatee Community College in the fall.

**DAWN HARRIS**, Daughter of Michael D. Harris, Finance Department, graduated from Dreher High School, Columbia, South Carolina in June and at this time plans to attend Manatee Community College and University of Florida, majoring in Natural Science.

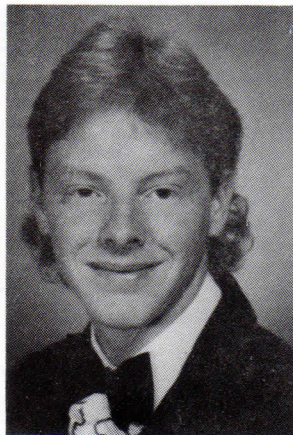
**CHRISTOPHER HART**, Son of David Hart, Recorder Engineering, graduated from Sarasota High School in June and is entering Clemson University to study Engineering.

**TANISHA HATCHER**, Daughter of Sandra Hatcher, MIS, graduated from Sarasota High School this June and is planning to attend USF in Tampa.

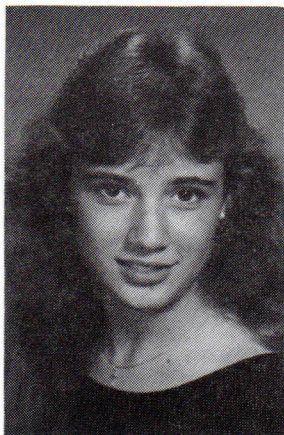
**PETER HENRY**, Son of Jean Henry, Human Resources, graduated from Bayshore High School, Bradenton on June 2. He has enlisted in the Army-Military Intelligence Corps and is leaving June 15 for basic training.

**DeANNE HUESTIS**, Daughter of Peggy Huestis, Aviation Recorders, graduated from Manatee Community College July 1990 with an A.A. Degree. She plans to attend FSU this fall to attain a B.A. in Music Therapy.

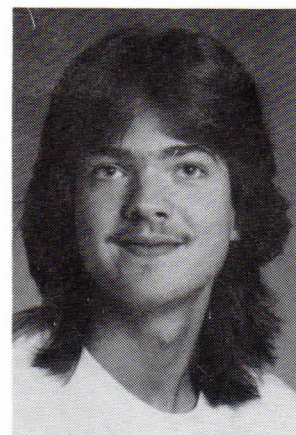
**RICHARD B. HUNTER**, Son of Vivian and Matthew Neeley, Aviation Manufacturing, graduated from West Craven High School, Newburn, North Carolina on June 13. He plans to attend a Junior College in North Carolina and then go on to North Carolina University.



PETER HENRY



DeANNE HUESTIS



RICHARD B. HUNTER





**MICHELLE MERRY KEEN**



**VALERIE KNOPIK**



**MELANIE LITWILLER**



**MICHELE MATTHEWS**

**MICHELLE MERRY KEEN**, Daughter of Rita Keen, Recorder Publications, graduated from Sarasota High School. Michelle plans to attend Manatee Community College on a part time basis and is looking forward to full time employment at General Telephone co.

**VALERIE KNOPIK**, Daughter of Walt Knopik, Telemetry Engineering, graduated from Cardinal Mooney High School on June 1. Valerie will be attending Wesleyan College, Macon, Ga.

**MELANIE LITWILLER**, Daughter of Milton Litwiller, Aviation Recorder Engineering, graduated from Southeast High School, Bradenton on June 2. Her plans are to go to Manatee Community College and then on to USF for a degree in Elementary Education.

**MICHELE MATTHEWS**, Daughter of Jim Matthews in Customer Support, graduated from Venice High School in June. Her plans for the future are to attend Manatee Community College as a Business Major.

**DAVID J. PHILLIPS**, Son of Fred C. Phillips, SPS, graduated from Chapman College, Tucson, Arizona with a B.S. degree in Electronics. He plans to work in the Electronics Industry while working on his Masters Degree.

**LOU POWELL**, Son of Darrel Powell, CADD/Drafting, has graduated from Manatee Community College with an A.A. Degree. He will be continuing his education at Florida State University with a major in History and Political Science.

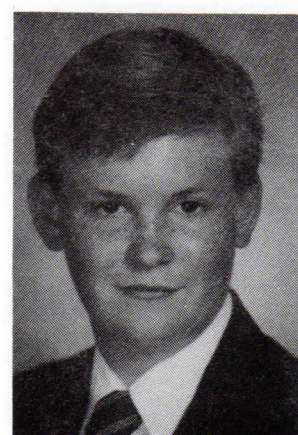
**JOHN D. SCARBROUGH**, Son of Iris Thompson in Reprographics, graduated from Sarasota High School on June 9. John plans to attend Manatee Community College in the fall.



**DAVID J. PHILLIPS**



**LOU POWELL**



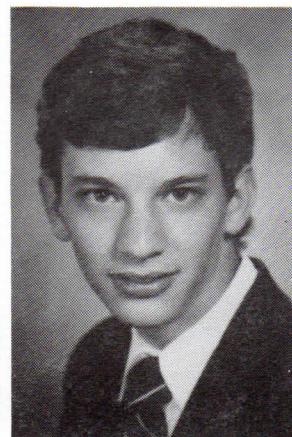
**JOHN D. SCARBROUGH**



**KRISTI SCHUMACHER**



**KIMBERLY KAY SLEZAK**



**PHILIP P. SORRENTINO**

**KRISTI SCHUMACHER**, Daughter of Gary Schumacher, International Marketing Manager Telemetry, graduated from Pineview High School in June and plans to attend FSU to pursue a business degree.

**KIMBERLY KAY SLEZAK**, Daughter of Ken Slezak, Telemetry Export Sales, graduated from Parkside High School, Salisbury, MD on May 31, 1990. Kimberly plans to attend college at Frostburg, MD.

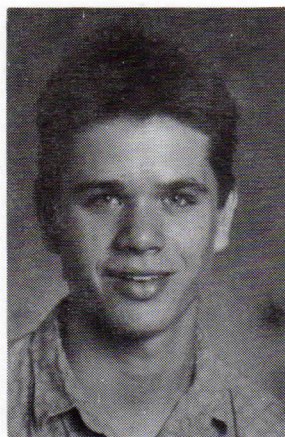
**PHILIP P. SORRENTINO**, Son of Phil Sorrentino, Software Engineering, SPS, graduated from Riverview High School. He will be attending MCC in the Fall, followed by two years at University of Florida at Gainesville.

**BILLY STEINHOFF**, Son of Bud Steinhoff, Manufacturing Engineering, graduated from Riverview High School on June 9. His future plans are still uncertain as to whether it will be college or the Navy. His interests lie in Nuclear Physics.

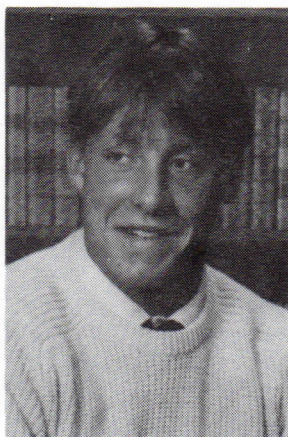
**MATTHEW VEIGEL**, Son of Richard Veigel, Manufacturing, graduated from Venice High School on June 8th and plans to become a Sarasota County Fireman. He also plans to continue his wallpapering business on his days off from the Fire Department.

**STEVE WILSON**, Son of Gary Wilson, Technician., SPS, graduated in June from Lemon Bay High School. He plans to attend the University of Central Florida to major in Business.

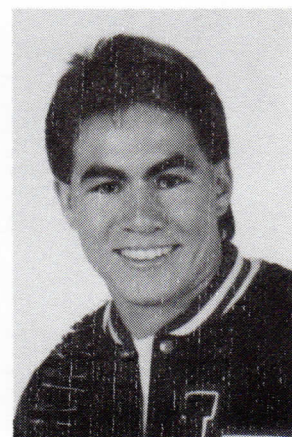
**KATHY CLOUSE**, Daughter of Dave Clouse, Director of Manufacturing Engineering & Facilities, graduated from Officer Training School at Lackland Air Force Base in San Antonio, Texas. She is currently attending Flight School at Columbus Air Force Base in Columbus, Mississippi. She plans to pilot C-141 Transport planes. (Photo not available)



**BILLY STEINHOFF**



**MATTHEW VEIGEL**



**STEVE WILSON**

# HAPPY ANNIVERSARY

## MAY 1990 ANNIVERSARIES



L. to R.: Will Long, 5 Yrs., Donald R. Worthington, 10 Yrs. Carolyn Kleist, 5 Yrs., Regina Devine, 10 Yrs., Mary Lou Carter, 10 Yrs. Missing from Photo: Alan Davis, 5 Yrs., O. Jud Strock, 20 Yrs.

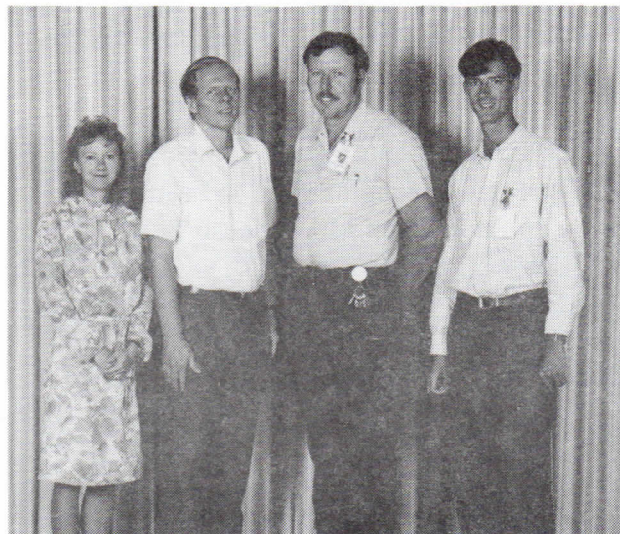


L. to R.: Phil Van Atta, 5 Yrs., Rhonda Payton Taylor, 5 Yrs., Carlo Mammelli, 5 Yrs. , Pat Redmond, 5 Yrs., Scott Pinsker, 5 Yrs. Missing from Photo: Cheryl Bennett, 5 Yrs.

## JUNE 1990 ANNIVERSARIES



Tom McCarthy, 30 Yrs., Don Lignore, 5 Yrs., Liz Peters, 5 Yrs., Rick Phillips, 5 Yrs. Jim Ratcliffe, 5 Yrs. Missing from photo: Sara Lahman, 15 Yrs., Wayne Stankovitch, 10 Yrs.



Janice Maus, 10 Yrs., Bill Anderson, 5 Yrs., Don McCrea, 15 Yrs., Bill Waggener, Jr. 5 Yrs. Missing from Photo: Tom Papst, Jr., 5 Yrs. Paul Fleischer, 5 Yrs. (Lancaster, CA)

# MARTIN MARIETTA TELEMETRY SYSTEM WON

Martin Marietta Space Launch Systems, Denver, CO, has awarded a letter contract to Loral Data Systems to initiate the manufacture of the Programmable Aerospace Ground Equipment (PAGE) Telemetry Pre-Processor Sub-System (TPPS).

The TPPS is a dual-redundant sub-system which is part of a new ground checkout system, being developed by Martin Marietta, for Titan IV launch vehicles. Loral will be building a total of three TPPS's, the first to be delivered to Denver, CO in March of 1991. The second and third TPPS's will be delivered to Cape Canaveral AFS and Vandenberg AFB respectively, in late 1991. The TPPS will process payload, guidance, core and solid rocket motor upgrade data and send its results to nine Sequence Processors (SP's) and six Archive and Monitor Processors (AMP's).

Each TPPS can receive and process up to three Pulse Code Modulated (PCM) data streams simultaneously and has redundant, or spare, equipment that can be switched-in automatically if a failure is detected in the primary equipment. The TPPS is built around two EMR 8715 Telemetry Processors.

The Loral Data Systems team is headed by Mike Hutchinson (project engineer), Bob Feather (lead software engineer), and Mike Meesit (lead hardware engineer).

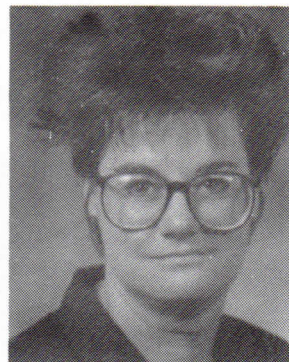
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**REMEMBER  
YOUR CIVIC DUTY  
V O T E**

**ELECTION DAY IS TUESDAY, SEPT. 4.  
JUST A REMINDER....THIS IS THE ONLY  
WAY YOU CAN EXPRESS YOUR OPINION.  
LET YOUR VOICE BE HEARD.**

**MARSHA BORR**



Please welcome Marsha Borr to the Human Resources staff. Marsha is our new Compensation and Benefits Manager. Her previous employer was the HON Company of Muscatine, Iowa, a division of HON INDUSTRIES, a Fortune 500 company where she was the Compensation and Benefits Manager for five years. Marsha brings to our company 15 years of experience in Human Resources. For several years she developed, implemented and administered compensation and benefits programs for employees.

Marsha received her BS from Michigan State University and her MBA from St. Ambrose University. She is certified as a Compensation Professional which required 30 hours of testing in such areas as the legal aspects of compensation, design of a compensation system, compensation management, and design of benefits and benefits management.

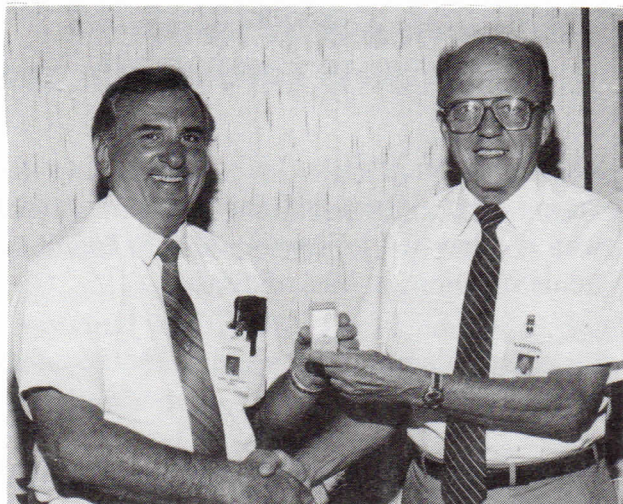
## **RITA I. BALLERONI**

It is with deep regret that we announce the very sudden passing of our co-worker and friend, Rita Balleroni on June 17, 1990.

Rita started her employment with us as an Assembler in 1977, and at the time of her death she was employed as a Potting/Encapsulation Assistant in the Potting Lab.

Rita will be greatly missed by her friends and co-workers. We extend our deepest sympathy to Rita's family and friends.

## ROYAL A. BECHTOLD



Royal A. Bechtold retired on May 31, 1990 after 26 years with Loral (EMR, Sangamo Weston, Fairchild Weston) Data Systems. Royal came on board in 1964 as a Contract Administrator and has served in various related capacities during these years. In the last few years he has worked in the Recorder division as their Manager of Contracts Administration.

Royal is pictured above receiving his 25 year Anniversary Service pin from Carl Aquilino, Vice-President Recorders. At this time, Royal is still serving the Recorders division on a contract basis, but plans to ease into retirement over the next few months. Royal, we all wish you many happy years in retirement.

## PHYSICAL FITNESS PROGRAM

The Physical Fitness Program is well underway. The nautilus equipment van is at our plant every Monday, Wednesday and Friday from 3:30 PM to 6:30 PM.

If you have not already registered and had your first visit, set up an appointment and an instructor will walk you through on that first visit to help you determine your capabilities and needs. If you have any questions, please call Ken Troutman, Ext. 5498 for additional information.

## OUR "SMOKE-FREE GENERATION" POSTER CONTEST

During the month of June, employees' children were encouraged to design a poster that expressed good reasons "Why they would not become a smoker."

The winners of our three age categories are:

### Age Name

6-9 **Jared Sutton**, son of Greg Sutton of Telemetry Tech Pubs.

10-13 **Daniel Kasper**] sons of Mary Kasper of  
14-17 **Russell Kasper**] Instrumentation  
Rec. Assembly

The winning posters and all other entries are displayed in the rear of the Cafeteria.

CONGRATULATIONS TO ALL PARTICIPANTS AND A SPECIAL ROUND OF APPLAUSE TO OUR CONTEST WINNERS!

!!!!!!!!!!!!

and **MORE CONGRATULATIONS TO.....**

The winners of our "HONOR ROLL" of former smokers were selected by a drawing. They are **Will Zoerner, Susan Taylor, and Beth Elinski.**

Each of these employees is the proud new owner of a \$50.00 savings bond. For all of you who signed up as "quitters" who did not win savings bonds, rest assured that as non-smokers **YOU** are "winners."

## ETHICS COMPLIANCE

It has always been the Loral Corporation's policy that each and every business dealing be conducted with the highest level of ethical behavior and in total compliance with applicable laws and regulations.

By signing the Code of Ethics brochure, you committed to conform to Loral's policy on employee standards of conduct. This policy ensures that Loral excels as a responsible and reputable supplier to the Government. Employees are prohibited from engaging in any conduct which violates the law or is otherwise inconsistent with the highest levels of honesty and integrity. Compliance with the provisions of this policy is mandatory. Violation will be grounds for disciplinary action, including discharge, as appropriate.

Improper business practices or even the appearance of improper practices must be avoided. If you are requested to engage in any activity which you believe would be contrary to this policy or if you have reason to believe that any other employee is engaged in such conduct, you have the obligation to report such activity.

Reporting procedures are posted on all bulletin boards and printed in the PULSE. All reports will be investigated and results made known to the originator within 90 days. Any questions regarding this policy should be discussed with your supervisor or compliance coordinator, Royal Bechtold, or Mark Mustico for those in SPS.

Thank you for your continued cooperation.

R. J. Keller

## RED CROSS DISASTER VOLUNTEER COURSE SCHEDULE JULY, AUGUST, SEPTEMBER, 1990

The Red Cross Disaster Unit is offering courses during July, August and September for anyone who is interested in learning how to handle extreme situations in time of disaster.

Listed below are the courses, dates and hours these courses will be given.

**INTRODUCTION TO DISASTER, 3 HOURS,**  
MONDAY, JULY 9, 7-10:00 PM  
WEDNESDAY, AUGUST 8, 9 AM TO NOON  
TUESDAY, SEPT. 4, 9 AM TO NOON

**DAMAGE ASSESSMENT: 3 HOURS**  
TUESDAY, JULY 31, 9 AM TO NOON  
SATURDAY, AUGUST 18, 9 AM TO NOON  
TUESDAY, SEPT. 25, 7 - 10 PM

**MASS CARE, 8 HOURS**  
SATURDAY, JULY 21, 8:30-4:30  
MONDAY, AUGUST 27, 8:30-4:30  
WEDNESDAY, AUGUST 19, 8:30-4:30

**EMERGENCY ASSISTANCE TO FAMILI-  
TIES, 8 HOURS**  
THURSDAY, JULY 26, 8:30-4:30  
WEDNESDAY, AUGUST 22, 8:30-4:30  
SATURDAY, SEPTEMBER 15, 8:30-4:30

The Southwest Florida Red Cross (Sarasota and Desoto counties) is desperately looking for volunteers. Several of these courses deal with disaster preparedness. Some of these courses relate to a volunteer position within the Red Cross called the "Damage Assessment Team". It is the job of this team to go out immediately following a disaster, i.e., fire, flood hurricane, tornado, etc. to determine the amount of response needed from the Red Cross. If you would like to "Be Prepared", please call the Red Cross at 359-9300 for additional information.

by Ed Kreyling

### *...And a Little More About Our Family...*

#### **Bundles of Joy arrived at the homes of...**

**David Payne**, Telemetry Applications, and his wife, Gigi, are the proud parents of a baby boy, Matthew Alexander, born March 16, weighing in at 9 lbs., 8 oz.

**Ralph Portuondo**, SPS Engineering, and his wife, Jackie, welcomed their new baby, Nicholas, on May 21.

**Cheryl Bennett** and her husband, Donald, welcomed their new baby, Daniel William, on May 23rd.

**Bill Liebe**, SPS Engineering Technician, and his wife Susie, welcomed their new baby girl, Lauren Elizabeth, on June 11.

**Joe Alvarez**, Production Engineer, and his wife, Ivette, are the proud parents a their son, Andrew, who arrived on June 11.

**David Schmidtman**, Aviation Sales Engineer, and his wife, Dawn, welcomed a new addition to their family. Jenna Lynn, weighing in at 8 pounds and 1/2 ounce, arrived on June 13.

#### **Wedding bells rang out for ...**

**Beth Putnam**, Telemetry Applications Engineering, and Richard Rueger were married on May 5th at Incarnation Church in Sarasota.

**Cindy Mathews**, SPS, and Mike Abbott were married on July 8, followed by a reception at the Abbott's home.

#### **WELCOME BACK TO SARASOTA !!**

**F. V. (Bud) Hinkel** is returning to Sarasota after a "tour of duty" in California. He will continue in his same position, National Sales Manager, Telemetry, and work out of the Sarasota Office.

### **SSFDR** (Continued from Pg. 1)

had to review documentation, drawings and parts lists, compare discrepancies, and design fixtures and tools. A process flow had to be determined and the production team had to learn a new technique using high temperature solder.

The memory assembly had to be encapsulated in the Potting Lab. This critical assembly required a new procedure and involved the use of new chemicals. To finish this process a new test station was designed and built within a five week period. In addition to all the above manufacturing demands, Manufacturing also had to develop and debug test procedures for this new technology.

The end result: four units delivered to Marketing on May 25, 1990, two days ahead of schedule!

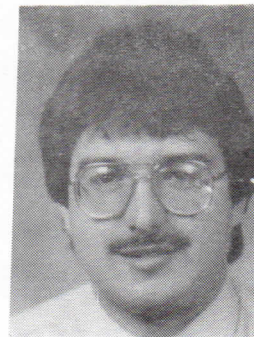
by Robin Voss

#### **WELCOME ABOARD**

We have the pleasure of introducing two new employees to our staff.

**Eric Anderson**, Sr. Sales Engineer, Telemetry is working in the Seattle, Washington area but also covers a territory from the San Francisco Bay area to the State of Washington..

**Ron Perrella**, an Associate Software Engineer, Telemetry, reporting to Dale Roedger started on June 18.



**Ron Perrella, Telemetry**

# EMPLOYEE ETHICS RESPONSIBILITIES

## TO COMPLY WITH LORAL'S CODE OF ETHICS

### TO REPORT

- IF REQUESTED TO ENGAGE IN ANY ACTIVITY CONTRARY TO THE POLICY
- IF YOU HAVE REASON TO BELIEVE ANY OTHER EMPLOYEE OR REPRESENTATIVE OF THE COMPANY IS ENGAGED IN CONDUCT CONTRARY TO THE POLICY

### CHANNELS FOR REPORTING

- HIS/HER SUPERVISOR
- SUPERVISOR'S MANAGER
- PERSON DESIGNATED WITHIN THE DIVISION FOR INVESTIGATING REPORTS

#### COMPLIANCE MATTERS:

MARK MUSTICO - SPS GROUP  
ROYAL BECHTOLD - ALL OTHERS

#### SECURITY MATTERS:

BILL SHAW - ALL GROUPS

#### CALLING THE DIVISION HOTLINE NO. 6869

CALLS MAY BE ANONYMOUS. ALL HOT LINE CALLS WILL BE HANDLED CONFIDENTIALLY.  
YOU MAY CALL BACK TO LEARN WHAT ACTION WAS TAKEN.

#### CALLING/WRITING LORAL CORPORATION VICE PRESIDENT AND CONTROLLER

BOB LAPENTA  
600 THIRD AVE.  
NEW YORK, NY 10016  
(212) 697-1105

#### CALLING/WRITING INDEPENDENT OMBUSMAN

ROBERT GREGG  
C/O HAZEL, THOMAS, FISKE, BECKHORN, AND HANES  
3110 FAIRVIEW PARK DRIVE, SUITE 1400  
FALLS CHURCH, VA 22042  
1-800-842-2651

# **LORAL**

**Data Systems**

P.O. Box 3041  
Sarasota, FL 34230  
(813) 371-0811

Address Correction Requested

Editor: BERENICE HENDERSON (x6945)