

## \$13.7 Million Contract Awarded For Trident Weapon Control Equipment

A \$13.7 million contract has been received for the production of weapon control equipment for Trident Fleet Ballistic Missile Submarines. The contract, awarded by Raytheon Corporation's Submarine Signal Division, is for the production of Librascope designed and developed attack control consoles and weapon launch consoles currently being produced for Fire Control System Mk 118.

The CCS Mk 2 system is designed to provide a substantial upgrade in capabilities and provide a common combat control system for both the SSN-668 class and Trident submarines. By implementing a combat control system with over 90 percent hardware and software commonality across these two classes of submarines, the support and training costs are expected to be reduced by over 40 percent.



USS OHIO (SSBN726). First Trident Ballistic Missile Submarine.

## Contract for Submarine Imaging Center Console Received

The company has been awarded a contract from Kollmorgen Corporation, Massachusetts, to develop and produce a prototype Imaging Center Console (ICC) as part of the Advanced Research Projects Agency's (DARPA) Advanced Submarine Technology Program. The Program is headed by Larry Anderson, Director, Systems Engineering, with the technical responsibilities under the direction of Murray Kesselman.

The Imaging Center Console will be capable of processing information provided by a wide variety of imaging sensors housed in a rotating sensor module mounted on a non-hull penetrating mast and in a variety of other off-board devices. Future additions being considered are: advanced image processing, artificial intelligence, automatic target recognition and data fusion which will be integrated into the Imaging Center Console.

The first prototype system is scheduled to be installed on a U.S. SSN-688 Attack Class Submarine in 1990 as the first phase of the multi-year Advanced Submarine Imaging System Program.

### EMPLOYEES PLEDGE \$85,176 to UNITED WAY

Results of the 1989 United Way campaign are in, and with 52 new sign ups, a total of 613 employees out of 1,115 have pledged \$85,176 for the year.

Librascope still ranks high among those companies in the region in per capita giving, with \$76 per capita pledged, and \$139 per participant for the year.



## Librascope Goes Hollywood...

Dick Kennerknecht (center above) Manager of Public Relations and Advertising, shares post-production jubilation with filmmakers Tony Annecharico, left, and Joe Longo, from Visual Productions, Inc., upon completion of the new company movie, "Librascope - Tomorrow's Technology Today". The video shows the Company, its people and resources, and its products and technology. It will be used for marketing purposes, as well as for employee recruiting and new employee orientation.

The movie was filmed at Librascope, stars Librascope employees, and includes footage supplied by the U.S. Navy and the U.S. Army. The script was written by Dick Kennerknecht.

Employees will be able to see the new company movie beginning Monday, May 15, per the following schedule:

Mon/Tues	11:30-12:00	Bldg. 17 Patio
May 15, 16	11:45-12:30	Bldg. 8, Conf. Rms. 1&2
Wed/Thurs/Fri	11:30-12:30	California Room
May 17, 18, 19		

The video lasts 14 minutes and will be shown continuously during the times listed above.



**NUSC VISITORS.** The company was recently visited by representatives from the Naval Underwater Systems Center, Newport, Rhode Island, to review Librascope's Submarine Combat System Program, including the AN/BSY-2 program, foreign programs and related IR&D efforts. Pictured above, from left: Librascope Sr. Staff Engineers, Mike Scott and Ray Hand; Larry Anderson, Director, Systems Engineering; and NUSC personnel: Bruce Spear, Technical Director, AN/BSY-2 Program; Ron Martin, Mgr., Submarine Programs; and Harry Roggero, AN/BSY-2 Program Representative at General Electric.



# Rideshare Program In Full Swing At Librascope...

When Annabelle Luther and Gary Darby (below) first assumed the role of Librascope Employee Transportation Coordinators, they were knew they had a tough job ahead in convincing fellow employees of the need to carpool to work. Their appointment as employee transportation coordinators was the result of the company's compliance with the South Coast Air Quality Management District's Regulation XV, which requires employers with 100 or more persons at a work site to submit a plan to encourage employees to reduce vehicle miles traveled to and from work. Under this plan Librascope is required to reduce the Average Vehicle Ridership (AVR) to 1.5 persons per vehicle, and to appoint employee transportation coordinators to run the program.



A "Rideshare Day" held at the end of last year kicked off the new program. On that day, those employees who rode to work together, used public transportation, walked or bicycled to work, were given free coffee and donuts and were eligible for a drawing for a \$50 Savings Bond. The Rideshare Day was a big success, with over 30 new carpools formed for that day.

In March, a survey was mailed to all employees which revealed that there were 53 existing carpools at Librascope. "We were really surprised that so many employees were already ridesharing," said Annabelle Luther. "Not that this makes our job any easier, since we still need twice as many more carpools in order to meet our the company's required AVR goal. But, it's a good start! And to start, we have to focus on the main reason for ridesharing --because the air in the South Coast basin is the worst in the nation. All of us at Librascope work in this polluted basin, and most of us live here as well. It is our health, and that of our families, we save by ridesharing."

"The success of Regulation XV throughout the South Coast basin would result in a 25% reduction in commuter miles traveled each day, nearly 3/4 of a million fewer commuter trips each day, and emissions reductions of up to 274 tons per day...274 tons of pollutants that won't be in our lungs, and 274 tons of pollutants that won't be obscuring our skies."

"There's an added bonus as well -- carpooling, vanpooling and transit use improves traffic flow by reducing the number of vehicles operating during rush hour which can save you time. And air quality gets an added boost too, because better traffic flow means reduction in the time cars spend idling or operating at inefficient, pollutant-producing low speeds."

Within the past week, all Librascope carpools were assigned designated parking spaces, close to all company buildings. Special carpool bumper stickers were handed out for parking in the newly painted 'green' curbside parking areas. It has also been announced that there will be special drawings throughout the year for all carpoolers for U. S. Savings Bonds and gift certificates. Further details will be posted on bulletin boards.

Annabelle Luther and Gary Darby are available to all employees for rideshare matching and information. They are located in the Human Resources office in Bldg. 3, and can be reached by calling X-1479 or X-1415.



**NEW LIBRASCOPE CARPOOLERS**, from left: Tim Bruse, Chuck White, Barry Commons, Debbie Kershner, Ted Pool (in car), Lavotia Dermendjian, Blair Belsheim, and Satish Bondale.



**LOS ANGELES MARATHON MEDAL WINNERS...** from front left, Roger Hernandez, Everett Wilson, Mark Subido and Darvin Salbino, are congratulated by Ron Brualdi, a volunteer staff worker for the race. The four Librascope runners are shown wearing the medals they received for finishing the 26.2 mile race. All four finished in the first 1,000 out of 18,861 runners. The finishing times for the runners were: Hernandez, 4 hr/59 min; Wilson, 3 hr/52 min; Subido, 5 hr/32 min; and Salbino, 4 hr/27 min.

In what turned out to be an unseasonably warm day for the fourth annual L.A. Marathon, the event took off with a false start caused by a balloon popping, forcing organizers to move the starting line forward 28 feet, rather than face the impossibility of getting 18,000 runners to back up. "Once the race began, it took me over 7 minutes just to get to the starting line," said Darvin Salbino, Sr. Electronics Technician, who was competing in his first L.A. Marathon.

Everett Wilson, Library Assistant, an enthusiastic runner, has competed in all four L.A. Marathons, as well as other major marathons held throughout California and the other states. Roger Hernandez, Timekeeper, has competed in three of the L.A. Marathons, and says running helps him physically and mentally. Mark Subido, Installation Engineer, a bicyclist as well as a runner, was competing in his first L.A. Marathon.

Ron Brualdi, Mgr., Reliability Assurance Lab, has been a volunteer staff worker for the marathon since its start. His job has been to escort the winners to press conference areas, and to hand out medals to race finishers. "There were over 14,000 volunteers for this year's race," said Brualdi. "It takes all of those people to make it happen. Just the thrill of the race, whether you're a runner or a staff worker, makes it all worth it!"

## LIBRASCOPE DATA NETWORK



### Sun Workstations at Librascope

To support major programs Librascope has installed a company-wide computer network consisting of seven local area networks. This is a major milestone in the company's modernization of its design and production facilities.

An ethernet cable extending from Building 1 via Buildings 5, 7 and 8 to Building 17 electronically ties together Engineering Design, Production, Contracts Administration and Publications Support to the respective Program offices with literally the touch of a button.

Significant reductions in time and manpower have been realized, including: the elimination of the "breadboard" phase by designing "on screen"; faster design by virtue of electronic drawing; and the development of a centralized, and accessible, file system for designs under configuration management on a central computer.

The currently installed equipment includes 12 Sun File Servers, 63 Sun Workstations, a DG MV10000, a DG MV8000, a Vax Cluster of four MV3600 and ten VS2000s, 75 Sun Workstations/Servers, and 17 PCs.



## promotions

**Sandra Tomsin** from Mgr., Telecommunications & Mail to Mgr., Facilities; **Sherry Collum** from Combat Systems Analyst Associate to Combat Systems Analyst; **James McLaughlin** from Combat Systems Analyst to Sr. Combat Systems Analyst; **Carey Capaldi** from Sr. Electronic Engineering Associate to Supervisor, Network Administration; **Robert Shelton** from Personnel Representative to Sr. Human Resources Representative; **Albert Leung** from Sr. Engineer to Staff Engineer; **Dorothy Moulton** from Secretary to Manufacturing Planner Trainee; **Sandra Rodriguez** from Data Entry Operator to Standards Analyst Associate; **Patricia Lehman** from Telecommunications Coordinator to Telecommunications Administrator; **Suzanne Read** from Secretary to Administrative Secretary; **Stanley Yue** from Sr. Engineer to Staff Engineer; **Paul Bazan** from Sr. Design Checker to Design Specialist; **Gary Boyer** from Methods Analyst Mechanical to Sr. Methods Analyst Mechanical; **Robert Burdick** from Associate Engineer to Engineer; **Raymond Cammilleri** from Engineer to Sr. Engineer; **Irma Castruita** from Sr. Telecommunications Technician to Telecommunications Analyst; **Lanette Craig** from Department Clerk to Word Processor Operator; **Barbara Cummins** from Secretary to Administrative Secretary; **Paul Denzer** from Staff Engineer to Sr. Staff Engineer; **Andy Diep** from Associate Engineer to Engineer; **Peter Finston** from Mfg. Systems Analyst to Sr. Mfg. Systems Analyst; **David Gardner** from Sr. Staff Engineer to Manager, Systems Development; **Neil Gilbride** from Sr. Electronic Engineering Associate to Engineer; **Judy Griffiths** from Plant Engineering Coordinator to Administrative Secretary; **Donna Grimes** from Inventory Data Analyst to Sr. Inventory Data Analyst; **Roxanna Harper** from Programmer to Sr. Programmer; **Michael Harvey** from Associate Engineer to Engineer; **Gerald Heigel** from Engineer to Sr. Engineer; **Steven Hirschberg** from Assistant Technical Programmer to Technical Programmer; **Jayne Kelly** from Administrative Secretary to Administrator, Office Services (Newport); **Marguerite Kolar** from Technical Programmer to Programming Systems Specialist; **Jon Kubo** from Sr. Engineer to Staff Engineer; **Daniel Kupresan** from Engineering Aide to Test Technician; **Jannette McGreevy** from Programming Systems Specialist to Program Research Specialist; **Scott Miller** from Test Technician to Sr. Test Technician; **Gus Montes** from Engineer to Packaging Design Engineer; **Jerry Mundy** from Staff Engineer to Sr. Staff Engineer; **Raymond Nelson** from Staff Engineer to Sr. Staff Engineer; **Clay Newell** from Sr. Engineer to Staff Engineer; **Lillian Nimelstein** from Programming Systems Specialist to Program Research Specialist; **Kathleen O'Donnell** from Department Clerk to Material Quotation Coordinator; **Richard Rizzo** from Engineer to Sr. Engineer; **Rhonda Rockwell** from Sr. Electronic Technician to Electronic Engineering Associate; **Michelle Ruzicka** from Department Clerk to Government B/L Clerk; **Jean Rydgig** from Department Clerk to Government B/L Clerk; **Robert Schmied** from Sr. Engineer to Staff Engineer; **Gerhard Steibel** from Associate Engineer to Engineer; **Don Tubbs** from Staff Engineer to Sr. Staff Engineer; **Lorraine Wallace** from Secretary to Administrative Secretary; **Runchan Yang** from Sr. Engineer to Staff Engineer; **Helen Irwin** from Quality Assurance Analyst Software Trainee to Quality Assurance Analyst; **Irina Vainshtein** from Associate Engineer to Engineer; **Robert Szanter** from Estimator to Staff Accountant; **Philip Mayers** from Sr. Electronics Technician to Electronic Engineering Associate.



**Richard Batista, Facilities Department, opens a gift from the company for his new baby daughter, Kristen. Presenting the gift, which includes a T-shirt with Librascope imprint, is Sue Mandeville, Supervisor, Facilities Services. The "new baby" gift is given to employees by the company through the Employee Services Office.**

## Mark Your Calendar...

Blood Drive	May 26
Las Vegas Weekend	June 2-4
Day at Sea World	Sept. 9
Health Fair	Sept. 16
Retiree's Dinner	Oct. 6
Librascope Open House	Oct. 7
Dinner & Ice Capades at the Forum	Nov. 4

*Check your bulletin board for more Company activities.*



**LIBRASCOPE BASKETBALL TEAM WINS "C" MAJOR CHAMPIONSHIP** in the 1989 Glendale Municipal League. Pictured from left are: Paul Denzer, Dan Gowanlock, Bill Dunaway, Steve Wallace and Joel Rooks. The team defeated the "Rimhuggers" 67-37. The highlight of the team's season was scoring 101 points in a game against the "Seadogs"!

## Club Corner

**Amateur Radio Club** — The club maintains a repeater with an auto patch in the Santa Susana mountain area. For club information, call Maurice Delongfield, Ext. 1813.

**Bible Club** — Bible discussion groups (non-denominational) meet every Tuesday and Wednesday during the lunch hour. For information regarding the Tuesday group in Bldg. 17 contact Angel Rodriguez, Ext. 3130. For the Tuesday group in Bldg. 8 contact Scott Sperling, Ext. 1508. Contact Bill Van Antwerp, Ext. 1447 for the Wednesday group in Bldg. 2.

**Bowling Club** — Summer leagues are forming now to start May 18th thru Sept. 24th. There are some openings on Thursday afternoons at 4:30 P.M. Contact Ron Maas, Ext. 1748.

**Camera Club** — Meets during lunch the second Tuesday of every month in Bldg. 8. Field trips are planned and monthly awards are given for best slides and/or prints. For information, call Vic Vennari, Ext. 1112.

**Computer Club** — Meets at noon on the third Wednesday of every month in Bldg. 8. The club maintains a library of software and reference material in the Engineering Library. For club information, contact George Webb, Ext. 2020.

**Golf Club** — The club has planned the following tournaments:

June 3/4	Mesquite Country Club (Palm Springs)
	Mission Lakes
July 8	Green River (Orange)
Aug. 19	Sandpiper (Goleta)
Sept. 23/24	San Luis Bay
Oct. 14	Rancho San Joaquin (Irvine)
Nov. 12	Rancho California
	Kearfott Tournament
Dec. 9	Brookside (Pasadena)

To play in any of the remaining tournaments and/or membership information, call Howard Metzler, Ext. 1045.

**Racquetball Club** — The Librascope Racquetball Club is currently using the Sherman Oaks Health Club facility, with membership including full use of club facilities. Several racquetball tournaments are being planned for 1989. The Racquetball Club is now accepting membership for the balance of 1989 for a reduced cost, call Barry Commons, Ext. 1218.

**Softball** — Men's 1989 Softball League Schedule:

Launchers				Bruise Bros.			
5/17	Wed.	8:30 pm	PEL	5/15	Mon.	6:30 pm	PEL
5/30	Tues.	8:30 pm	PEL	5/24	Wed.	6:30 pm	GLO
6/6	Tues.	6:30 pm	GLO	6/7	Wed.	6:30 pm	PEL

GLO — Glorietta Park - 2801 N. Verdugo Rd., Glendale  
PEL — Pelanconi Park - 1000 Grandview Ave., Glendale



# Libravets thru May



**Robert Mothersbaugh**  
35 Years  
Logistics



**Richard Fallis**  
30 Years  
Value/Liaison  
Engineering



**Bert Younker**  
30 Years  
Systems Test



**Dick Kennerknecht**  
30 Years  
Marketing



**Charlotte Webberson**  
30 Years  
Final Assembly



**Diana Kovic**  
30 Years  
Mail & Records  
Management



**Ramon Monasterio**  
30 Years  
Final Assembly  
Test Inspection



**Frank Haskins**  
30 Years  
Reliability  
Assurance



**John Hayden**  
30 Years  
Field Service



**Warren Douglass**  
30 Years  
Functional Test



**Roy Shepherd**  
30 Years  
Production



**Robert Kent**  
30 Years  
Final Assembly  
Test Inspection



**John Resendez**  
30 Years  
Systems Test



**Zeke Mataga**  
30 Years  
Systems  
Development



**Donald Olsen**  
30 Years  
Field Service



**Beatrice Angelo**  
30 Years  
Masking &  
Potting



**John Langman**  
30 Years  
Field Service



**Grey Stone**  
30 Years  
Systems  
Development



**Peter Fountas**  
30 Years  
Electronic Design  
Naval Systems



**Ken Mandeville**  
30 Years  
Printing &  
Reproduction



**Ken Wallingford**  
30 Years  
Applications  
Programming



**Walter Picker**  
30 Years  
Executive Office



**Robert McDonald**  
30 Years  
Provisioning  
Technology



**William Szombathy**  
25 Years  
Contracts



**Dan Englehardt**  
25 Years  
Marketing



**Frank Getzewich**  
25 Years  
Value Liaison  
Engineering



**Hal Seeler**  
25 Years  
Functional Test

## MORE LIBRAVETS

**20 Years** — Larry Knowles, Carl Sorensen, Louis Bishop, Michael Green.

**10 Years** — Alan Mohill, Nancy Deeds, William Seelig, Sharon Neelands, Bill Chin, Bill Farrer, Kim Suhr, Barbara Pino, Lonnie Prater

**5 Years** — William Thompson, Oscar Sanden, Jackie Mosley, Edward Wisniewski, Ernest Ikner, Patricia Klohoker, Paul Larango, Allen Herndon, Annabelle Luther, Melesio Velasquez, Susan Anderson, Ted Pool, Frank Coffey, Sandra Tomsin, Jason Nakashima, Kenneth Cornett, Willard Edwards, Bob Ziegler, Lang Pham, Irma Castruita, Rick Brown, Candice Isaac, Xavier Vega

## retirees



**Bill Tilden**, 25 years, Logistics Engineering, is congratulated by Company President, **Walter Picker**.



**Mike Dacher**, 30 years, Submarine Weapon Systems Engineering.



**Jerry Deitz**, 33 years, Vice President, Engineering, with wife **Elsie**, right, and **Carol Goldthwaite**.



**John Guarino**, 28 years, Commercial Art Department.

**Retirees not pictured:** Seymour Ezer, 10 years, Facilities Machine Maintenance; Homer Ezell, 26 yrs, Field Service; Ana Bermudez, 34 yrs, Model Shop; Minga Armendariz, 30 yrs, Sub-Assembly/Mechanical; Herlinda Martins, 6 yrs, Scheduling & Record Control; Robert Megee, 31 yrs, Finance; Iris Delling, 25 yrs, Contracts; Robert Moreno, 8 yrs, Manufacturing Planning; Ted Aitken, 18 yrs, Marketing; Walter Baum, 11 yrs, Model Shop; William Woodham, 30 years, Test Equipment.