

Librascope Corporation, Glendale, California

Librascope Scores a Double Win!

Two separate contracts were received by Librascope during the month of August, to manufacture Torpedo Setting Panels Mk 331. These contracts were received from Westinghouse Electric Company and General Electric Company and are part of the AN/SQQ-89 Surface Ship Anti-Submarine Weapon System Program. The contract award from General Electric was won in competition over Unisys, while the Westinghouse contract was won as part of a team competition between General Electric and Westinghouse. The latter contract also includes System Status Panels. The Program Manager is Tim Dudley.

According to Roy Bartlome, Vice President, Navy Programs, more and more of our future business will be a result of our competitive posture, including cost, schedule, and technical performance. The requirements under these two contracts include seventeen (17) Torpedo Setting Panels, seven (7) System Status Panels, and various quantities of spare parts.

This hardware will be used aboard surface combatants for presetting and launching Mk 46 lightweight torpedoes. ■



Torpedo Setting Panel- Mk 331

1st FCS Mk 118 Hardware Delivered On Schedule

The first Fire Control System (FCS) Mk 118 hardware — the Mk 92 Mod 1 Attack Control Console, and the Mk 96 Mod 0 Weapon Launch Console — under contract to Raytheon Corporation, has been delivered on schedule. The \$13.7 million contract, awarded in 1989 by Raytheon Corporation's Submarine Signal Division, is for the production of Librascope designed and developed attack control consoles and weapon launch consoles for Trident Fleet Ballistic Missile Submarines. The current contract with Raytheon consists of the production of ten (10) Mk 92 consoles and nine (9) Mk 96 consoles, to be delivered every other month.

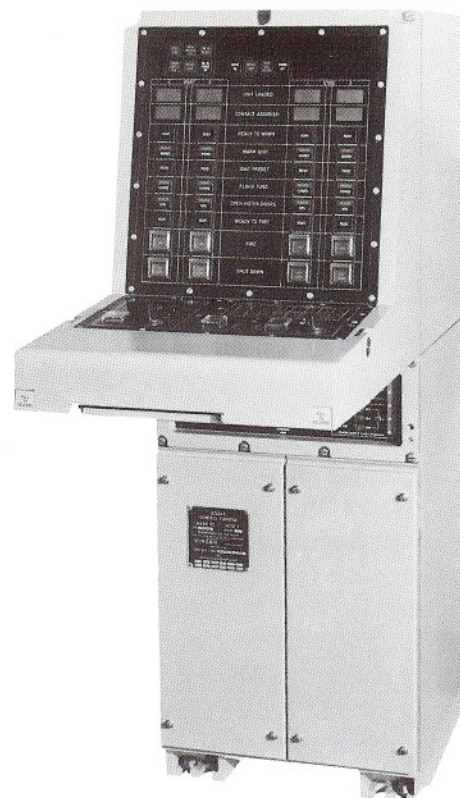
The equipment is currently being produced for Fire Control System (FCS) Mk 118 under the direction of Program Manager, Elliott Malet.

This hardware will be used in the Combat Control System (CCS) Mk 2 Program, the latest upgrade to the Trident Defensive Weapon System Fire Control System (FCS) Mk 118.

The primary purpose of the Mk 92 is to provide launch control and display for torpedoes and a three inch external countermeasure, located in the Attack Center of a Trident submarine.

The Mk 96 provides weapon interface for Mk 48 and ADCAP torpedoes, as well as the mobile submarine simulator (MOSS), located in the Torpedo Room.

The Mk 118 equipment was originally designed by Librascope in 1973 and deployed in 1981 on the first Trident Submarine, the USS OHIO. ■



**Attack Control Console
Mk 92 Mod 1**

Savings Bonds Stage a Comeback

350 EMPLOYEES BUYING BONDS!

Results of the Librascope U. S. Savings Bonds Drive are in, and 350 employees are currently buying bonds — an increase of 91 participants reported at the end of the drive. Part of the success of this year's drive can be attributed to the new tax advantages that savings bonds offer that allow you to shift a portion of your child's college costs to Uncle Sam.

Under the new Education Bond Program, the Federal income tax liability on bond earnings can be deferred and, for some families, may be completely eliminated when the proceeds are used for qualified education expenses. The Education Bond Program applies to bonds purchased after Jan. 1, 1990. ■

Drawing held for \$50 Savings Bonds

And, THE WINNERS ARE . . .

Maurice Downs	Mechanical Design
Richard Varnon	Maintenance Engr.
Barbara Herrick	Purchasing
Ron Howe	Engr. Design
Judy MacFarlane	Programs Mgmt.
James Washington	Facilities
Dave Newcomer	Test Equip. & Engr.
Robert Nielsen	Subsystem Design
Estelle Nichols	Finance
David Konkle	Support & Eval.

Exercise for the Health of It!

The findings of one of the largest studies to date on exercise and death rates suggest that even a small increase in fitness for the most unfit people has a significant health benefit.

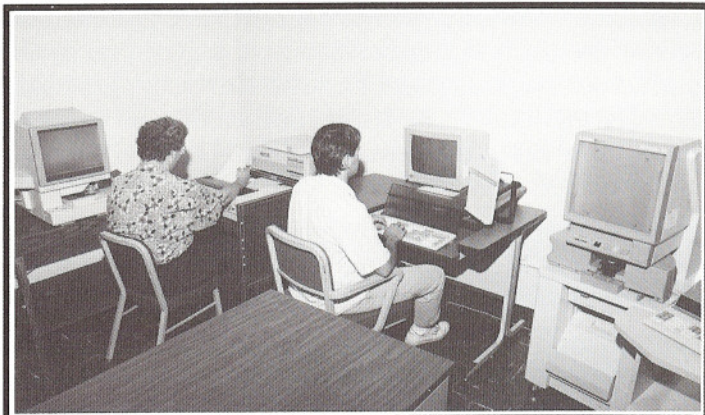
The study, which was reported in the Journal of the American Medical Association, was conducted at the Institute for Aerobics Research in Dallas and involved testing and an 8-year follow-up. The results of the study emphasized that even low-intensity exercise can help people live longer.

Choose an enjoyable activity such as walking, cycling, low-intensity aerobics or swimming and make exercise fun. Even walking 2 miles in 30 to 40 minutes most days will lead to a fitness level that will significantly lengthen life expectancy. ■

New Micrographics Center

Librascope's Records Retention Center, located in Bldg. 3, is converting to a full service, multifaceted Micrographics Center capable of maintaining and managing large volumes of records. The Records Retention Center is part of the Mail Services/Records Management Department, under the direction of Diane Kovinic.

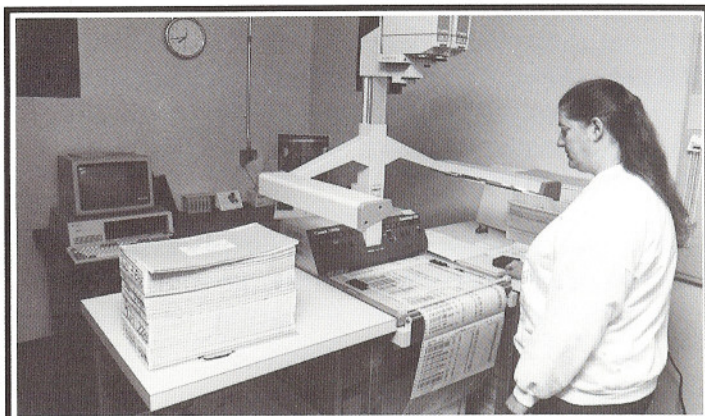
All records on approved Records Retention Schedules which have been retained five years or more will now be transferred to roll film, or microfiche.



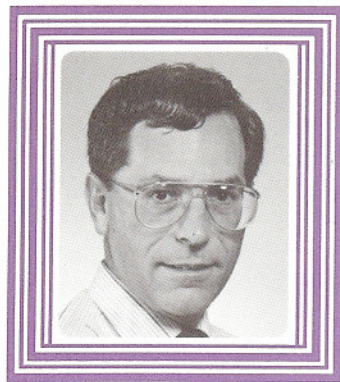
Kirk Gorton, left, and Peter Ruzicka, operate new state-of-the-art micrographics equipment located in the Mail Services/Records Center in Bldg. 3.

"The Micrographics Center has state-of-the-art equipment which facilitates rapid search and retrieval of information," said Kovinic. "A record can be viewed and/or a high resolution copy printed without the record leaving the center."

The Librascope Printing and Reproduction Department located in Bldg. 2, has already begun microfilming source documents. Ken Mandeville, Manager, Documentation Production, reports, "In view of the 6 to 8 million documents in storage, it will take three years to catch up on the backlog of records." ■



Frances Radunz, a Microfilm Technician in the Printing and Reproduction Dept., operates a 16 mm microfilm camera located in Bldg. 2.



Allen Wolff,

joined Librascope in July, 1990 as Manager of Quality Assurance, responsible for Quality Engineering, Quality Audits, Source Control, and Inspection, (Receiving, In-Process, Mechanical, Final Assembly and Test).

One of Allen's assignments will be to introduce Total Quality Management methods and continuous process improvement to Librascope.

Allen has over 20 years experience in the defense industry and 15 years in quality assurance. He has a Bachelor of Science in Electrical Engineering from Drexel University in Philadelphia. Allen started his career at Grumman Aerospace as a radio frequency engineer, working on the Lunar Module communications system supporting five Apollo missions, including the first Lunar landing.

In 1971, Allen joined the U.S. Army Electronics Command in Ft. Monmouth, New Jersey as a Civilian Project Engineer working on army airborne commu-

nications systems. In 1975 Allen left the Government to join E-Systems in Huntington, Indiana, as Quality Engineering Manager and later as Field Service Manager on army tactical communications equipment. E-Systems moved Allen to Salt Lake City, Utah in 1978, where he was promoted to Director of Quality. The division produced ground based navigation equipment, hydraulic actuators for commercial airliners, and products for nuclear power plants.

Prior to moving to California, Allen spent a short time working for Abbott Laboratories in Salt Lake City, Utah, a producer of large quantities of disposable medical monitoring sensors.

In 1984, Allen joined Gould, NavCom Systems Division in El Monte, California, as Director of Quality. The division developed and produced navigation and communications equipment for the DoD.

Prior to joining Librascope, Allen spent five years in various quality management positions at Northrop Electronic Systems Division in Hawthorne, California. The division developed and produced the guidance system (Inertial Measurements Unit) for the MX missile. ■

TQM – "Continuous improvement – the key to remaining competitive."

Total Quality Management by Allen Wolff

In a world of ever increasing competition in all facets of business, organizations that operate efficiently will survive. Recently, the Peace Dividend that has beset our industry has made it imperative that we strive to do the best job we can in the most cost effective manner. We have all read about other aerospace corporations that are either moving out of Southern California or are going through severe manpower cutbacks and are having programs curtailed or cancelled.

In order to continue to be competitive in the environment that we find ourselves, it behooves us to operate in a manner that will place us in the best position to continue capturing business while the Defense budget shrinks.

Total Quality Management is simply a term used to describe a method of doing business. It is essentially nothing more than doing what makes sense in an efficient manner. To that end, the precept of continu-

ous improvement is key to remaining competitive.

It is everyone's responsibility, as part of their job, to participate in the improvement process. An individual's contribution in the area that is familiar to him or her is the key to change. TQM will be a conduit for implementation of the improvements brought forth.

Organizations will then be able to instigate Productivity Improvement Initiatives to improve their work environment or improve a manufacturing process. These initiatives are not limited to the production floor. Finance, Engineering, Purchasing, and Contracts will find methods to streamline their operations.

Total Quality Management is not a program or a contest but an environment where Librascope will work as a team, positioning itself to continue satisfying our customers, winning new business, and providing a high quality of work life for ourselves. ■

New Company Badges

Starting in early September, new Company badges will begin to appear. Initially, the new badges will be issued to new employees and all visitors, and then to all other employees on a scheduled basis.

The new Company badge will have the name **LIBRASCOPE CORPORATION** printed on the front, with **SINGER** removed. The employee's social security number will not be printed on the front of the badge; however, an employee can request that his/her social security number be printed on the back. New pictures will not be taken for the badges - existing badge pictures will be used.

The employee's badge will remain the same horizontal size. Non-employee badges will be vertical in size to differentiate between the two.

The color bar which denotes security level will not change. Some badges will have colored dots on the front of the badge to indicate that the individual is briefed for special accesses; i.e., NATO, etc. ■



CONTINUING EDUCATION

Employees can be eligible for up to 100% reimbursement for tuition, lab fees, and 50% of the cost for books.

Classes must be preapproved and relate to the employee's current position or required for future advancements.

For full details, call the Training Section, X-1204.

Librascope Credit Union to Merge With Lockheed Federal Credit Union

Effective September 1, 1990, the Librascope Credit Union will merge and become **Lockheed Federal Credit Union**. The Librascope Credit Union is a \$5 million financial institution with approximately 3,400 members. A branch office of the Lockheed Federal Credit Union will remain located at Librascope until further notice.

"Librascope employees and their families will be a welcome addition to our field of membership," said Robert Harvey, vice president, operations, Lockheed Federal Credit Union. "We are happy to be able to offer them all of our products and services."

Products and services available at the Lockheed Federal Credit Union include no-fee checking accounts, Money Market accounts, VISA cards, access to over 40,000 ATMs worldwide, free retirement planning counseling, and a wide range of investment programs. All types of consumer loans are available as well as real estate loans and Home Equity Lines of Credit. The credit union also offers various insurance products including homeowners', auto, Medicare supplemental and life insurance.

Lockheed Federal Credit Union, currently at \$600 million in assets, is ranked the 19th largest credit union in the nation. ■

Take An Extra Minute For Safety!

Your safety and that of your fellow workers is a matter of major concern to the Company and should be of equal concern to all employees.

"Every precaution is taken to make Librascope a safe place to work," stated Sal Molina, Safety and Environmental Coordinator. "Your cooperation is important if we are to maintain our excellent safety record."

"If you observe any practice that might endanger you or another employee, or note any defect or hazard in lighting equipment, floors, machinery, tools, or other equipment, please notify your supervisor immediately."

Safety committees have been established to help insure the implementation of the Company's Safety Program. ■

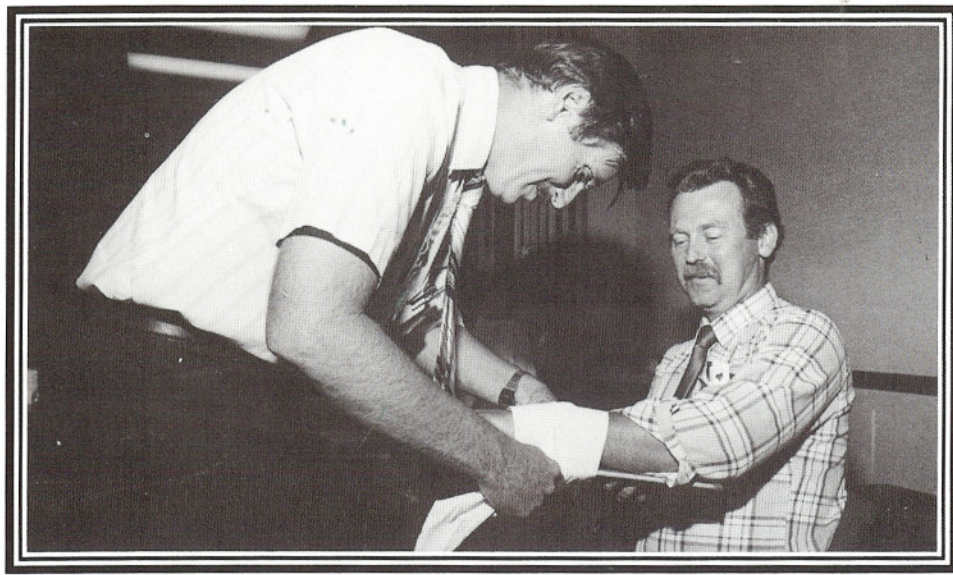
Employee Safety Committee

Sal Molina, Coord.	X-2080
Art Thomson, B-1	X-3684
Gary Darby, B-3	X-1415
Sue Mandeville, B-3	X-2081
Dieter Bohning, B-8	X-2425
Dee Haynie, B-17	X-3660

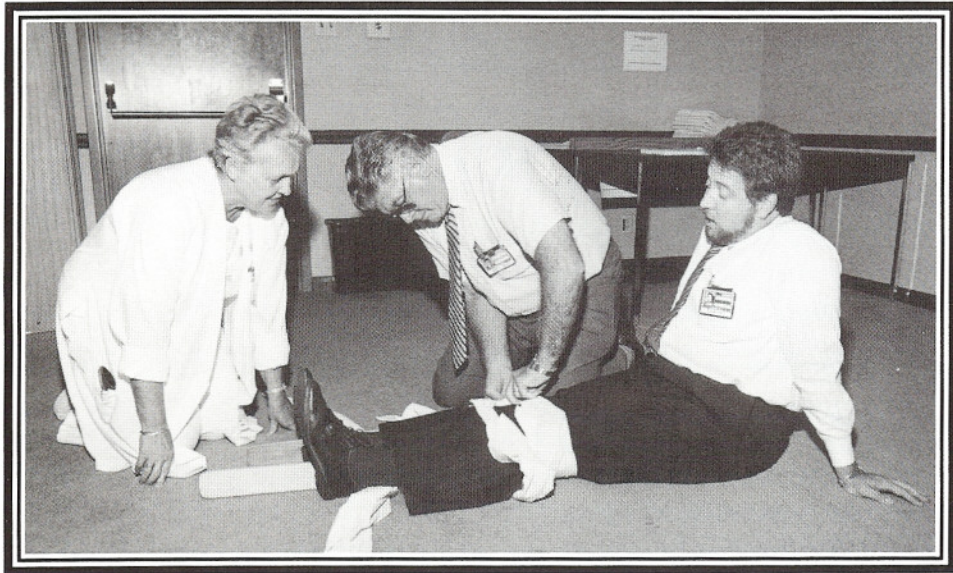
Supervisory Safety Committee

Taifun O'Reilly, B-1	X-2031
Dave Birri, B-1	X-1130
John Wagers, B-2	X-1689
Ken Mandeville, B-2	X-1277
Roger Mahoney, B-8	X-1119
Stan Matistic, B-17	X-1476
Keith Weideman, B-17	X-1142

Be Prepared . . . First Aid Training for Employees



Richard Johnston, Supvr., Memory Products, left, practices on Tom Wilder, General Supvr., Production, during first aid training.



Company Nurse, Anita Hagan, gives instructions to Jack Kelley, Manager, Maintenance Logistics Engr. & Provisioning Technology, and Steve Lebit, Sr. Benefits Specialist.

17 Employees Complete First Aid/CPR Training

Bldg. 1 - Phil Strong, Tom Wilder, Bill Chandler
Bldg. 2 - Eric Logan, Wendy Lee Collins, Jack Kelley
Bldg. 3 - Steve Lebit, Sal Molina, Jack Dyer
Bldg. 8 - Doug Kim, Cheryl Logan, Daniel Jones, Roxanne Minkus
Bldg. 17 - Amy Baker, Naim Muthleb, Rosemary Smith, Richard Johnston

During an emergency is not the time to learn first aid or cardio-pulmonary resuscitation (CPR). Because more than 140,000 Americans die from injuries every year, and one-in-three suffers a non-fatal injury, the National Safety Council believes that virtually everyone will be in a situation requiring first aid knowledge.

The saying, "When you least expect it, expect it," underscores the Council's view that every person should take the time to learn first aid and CPR.

First aid is the caring for and/or treatment of an ill or injured person before advanced care can be given. Similarly, CPR is the method by which a trained individual may be able to restart heartbeat and breathing in a victim of drowning, electrocution or other similar life-threatening events.

The Company is in the process of conducting Red Cross certification training in first aid, including cardiopulmonary resuscitation, to a group of volunteer employees located throughout the plant who may be called upon to help in the event of a disaster, and in some emergency situations.

A total of 30 employees will go through the first aid training which is being conducted by the Company Nurse, Anita Hagan, a certified Red Cross First Aid and CPR instructor.

The 8 hour class will be offered to all employees after the company training has been completed. The classes will be held in two sessions, after hours. Full details will be announced in the next issue of the Librazette.

For further information, contact Anita Hagan, X-1240. ■

Libravets thru August



William Barnett
30 Years
Documentation
& Training



Sonia McNair
25 Years
Expediting and
Stores



Harold Ferguson
25 Years
Test Equipment
Engineering

MORE LIBRAVETS ...

15 Years — Brigit Schellerup

10 Years — Roger Hernandez, John Nichols, Jayne Kelly

5 Years — Donna Grimes, Tom Wilder, Rosemary Smith

L. A. COUNTY FAIR DISCOUNT TICKETS ON SALE

SEPT. 7-30

\$5 adults (Reg. \$8)

Employee Services Office

New Employees

Barbara Rivera, Sr. Word Processor Opr.; **Robert Avila**, Programming Systems Specialist; **Phillip Dimonte**, Programming Systems Specialist; **David Evanhoff**, Tech. Programmer; **James Hwang**, Programming Research Specialist; **Jevon La Monica**, Tech. Programmer; **Vahe Sakalian**, Engineer; **Susan Yamaguchi**, Budget Financial Analyst; **Calvin Avison**, Programming Systems Specialist; **Lien Cao**, Programming Systems Specialist; **Chris Chang**, Programming Research Specialist; **Regis McGarry**, Tech. Programmer; **Robin Pond**, Programming Systems Specialist; **Margaret Taliaferro**, Sr. Engineer; **Amy Warneka**, Quality Assurance Software Coord.; **Richard Auringer**, Sr. Quality Control Engineer; **Thomas Boulton**, Sr. Staff Engineer.; **Bahram Khandan**, Quality Assurance Software Coordinator; **Adam Mara**, Programming Systems Specialist; **Cynthia McCarter**, Industrial Artist; **David Henderson**, Quality Assurance Analyst-Software. ■

Promotions

Eleanor Smith from Programming Systems Specialist to Supv., Software Conf. Mgmt.; **Tim Peak** from Senior Buyer to Electronic Buyer; **Gregory Olsen** from Manufacturing Engineer to Sr. Manufacturing Engineer; **Elaine Kelly** from Quality Assurance Software Analyst to Supv. Engineering Quality Assurance; **Gary Bremer** from Sr. Methods Analyst Electrical to Manufacturing Engineer; **Candace Isaac** from Secretary to Executive Secretary; **Carey Sublette** from Sr. Engineer to Staff Engineer. ■

Calendar thru November

For information and tickets for the events listed below, contact the Employee Services Office, X-1210.

Sept.

21

Retirees' Dinner at Librascope
6:30 pm in the California Rm.

22

Family Fun Day at Universal Studios for Employees and Retirees

28

Las Vegas Trip
Sept. 28-30 "Great Escape Weekend" at the Las Vegas Hilton Hotel
\$130 per person

Oct.

10

Designing Your Own Weight Management Seminar
4 pm in the California Rm.

20

50's Dance
In the California Rm.
8 pm. 50's food, music, dress, contests, and more!

27

James Taylor —
Universal Amphitheatre
Tickets \$24.50

Nov.

1

Librascope Blood Drive
7:00 am - 4:30 pm
Bldg. 17 Patio

7

Holiday Cooking Demonstration
In the Calif. Rm.
7 pm

23-26

The Desert Cure
3 Days/ 2 Nights at the Scottsdale Princess Hotel in Arizona. Includes airfare. Complete pkg. \$190 per person. (Pkg. worth \$490 per person.)