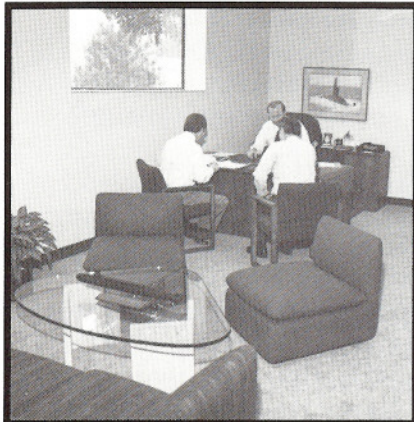


Librascope Corporation, Glendale, California

## Facilities Consolidation Update ....



### *Phase 2 Proceeding On Schedule—*

The new Executive Offices in Building 8, top photos on left, have been completed and all Executive Office personnel have moved from Building 3.

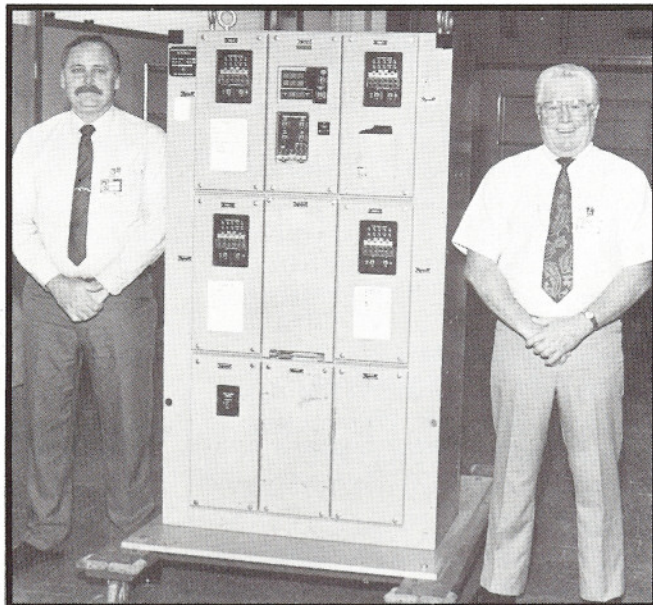
The bottom photo shows the wrap-up of construction in the front of Building 8 for the Finance and Contracts Departments. These two departments will move into their new offices beginning Monday, June 1.

The next phase of the consolidation planned for June, will be the relocation of BSY-2 software personnel from the 2nd floor of Building 8 to the 1st floor, adjacent to the Finance Department, and the move of Human Resources from Building 3 to Building 8. Preparations for the Computer Room consolidation into the CADDs area on the 2nd floor in Building 8 will begin in June. ■



## Librascope Awarded Mk 96 Refurbishment Contract .....

**Barry Commons, left, has been named Project Engineer for the Mk 96 Refurbishment Program. Tom Smith, right, is the Sr. Installation Engineer.**



Welcome home to the Weapon Launch Console (WLC) Mk 96 Mod 0, Serial No. C2. She was first introduced into the fleet in 1976 and has functioned exceptionally well aboard an Ohio Class submarine—the USS Nevada SSBN 731. The WLC has returned home for refurbishment and grooming prior to being sent back to the fleet.

“Up until now, Naval Undersea Warfare Center (NUWC) Keyport has refurbished all WLCs,” said Barry Commons, Project Engineer. “The opportunity for Librascope to refurbish the WLC Mk 96 came about by a challenge from NAVSEA (Keyport’s customer) to

*Cont. - Pg. 2*



❑ **Loral Posts Record Earnings of \$4 per Share for Fiscal 1992 — Net Income Up 32 Percent . . .**

Loral's net income for the fiscal year ended March 31, 1992 rose to \$121.8 million,—a 35 percent increase over the previous year's \$90.4 million. Primary earnings per share increased to \$4.00 compared with last year's \$3.55, up 12.7 percent, despite the increase in outstanding shares due to an equity offering in June 1991.

Both net income and earnings per share set all time highs for the company.

"Operating results were particularly strong in the last six months compared with the prior year's six-month period (which is an apples-to-apples comparison since the acquisition of Ford Aerospace). For the same period, net income increased by 36 percent and bookings reached \$1.486 billion, a 16 percent increase," said Bernard L. Schwartz, Loral Chairman and Chief Executive Officer.

"Our program base remains healthy and came through a difficult defense budget period in good shape. Further, at year-end, the potential for international sales is attractive, as are our efforts to use Loral's proprietary technologies in non-military markets." ■

❑ **Loral's Superbird Satellite Goes On-Line for Japan . . .**

Superbird-B, built by Space Systems/Loral (SS/L), Palo Alto, CA, and among the world's highest powered commercial communications satellites, recently completed all in-orbit testing and is fully operational, providing domestic services to Japan.

Designed and built for Space Communications Corporation of Tokyo, Superbird will provide customers with telecommunications, broadcast and cable

television and business data services for a minimum of 10 years.

SS/L delivered the satellite in record time and on schedule, with just two years between contract award and start of operations.

The satellite was launched from Kourou, French Guiana, on February 26, 1992, aboard an Ariane 4 rocket.

It was maneuvered into geosynchronous orbit above the Pacific Ocean for in-orbit testing, which was completed before March 31. ■

❑ **DOD Says MAVUS Demos Support Idea of Deploying UAVs at Sea . . .**

Flight demonstrations of Canadair's CL-227 "Sea Sentinel" Unmanned Aerial Vehicle (UAV) last fall showed that UAVs can be successfully deployed aboard small surface combat ships, according to a recent article in Defense Daily, an aerospace and defense newsletter.

The article quotes a Pentagon official as saying, "We have learned that imagery on surface combatants is a very valuable commodity, and that we can operate UAVs and helicopters off the same ship and we don't put undue impact on helicopter operations." DOD officials also said that the ability to supply UAV imagery data to other ships was demonstrated during last fall's NATO exercise, when Canadair's vertical-takeoff-and-landing (VTOL) UAV, deployed aboard the USS Doyle, was able to send information back to Canadian, British and Dutch ships in the area.

Four Loral divisions played a part in the CL-227 demo flights of the Maritime VTOL Unmanned System (MAVUS) program, including Loral Defense Systems-Arizona, Loral Conic, Loral Terra-Com and Loral Rolm Mil-Spec's Trilobyte operation. ■

## **Mk 96 Refurbishment**

**- Continued -**

submit a bid on the Mk 96 refurbishment that Keyport had been doing for NAVSEA. NAVSEA offered the bait and we took it.

"We first developed a plan that included a cooperative effort using field engineering practices and manufacturing techniques. A plan to use the unique blend of engineering and manufacturing, and an aggressive schedule of 3 months established our approach. When all pricing was completed a bid was submitted to NAVSEA. Our price was lower than Keyport's but close enough to be credible, so NAVSEA directed Keyport to send two of the four Mk 96 systems to us. The initial contract is for two systems, and we anticipate receiving a contract for the two remaining systems next year.

"What is important to note is that Librascope has an excellent opportunity to establish itself as a viable source to NAVSEA for future refurbishment tasks.

"Also, we must keep in mind that with future defense cuts limiting manufacturing of new systems and the aging of the fleet and battlefield equipment, refurbishment may be the solution for the government to maintain its military readiness," stated Commons.

Carl Sorensen, Vice President, Quality & Information Systems, said, "The person most responsible for winning the Mk 96 refurbishment contract, and for developing other new business opportunities at Keyport is Barry Commons.

"It is important to note that in spite of our winning the job, our relationship with Keyport has never been better. In fact, several other special opportunities at Keyport are currently being pursued." ■



# TOTAL QUALITY MANAGEMENT

By Allen Wolff  
Manager, Quality Assurance

## Continuous Improvement

"It's good enough!" We have all heard this phrase in our day to day life. But, is it "good enough" for our customers? As a supplier of products for the military, we live by military specifications and contractual obligations. Adequacy in meeting the requirements and continuous improvement are not the same and, in fact, may be miles apart.

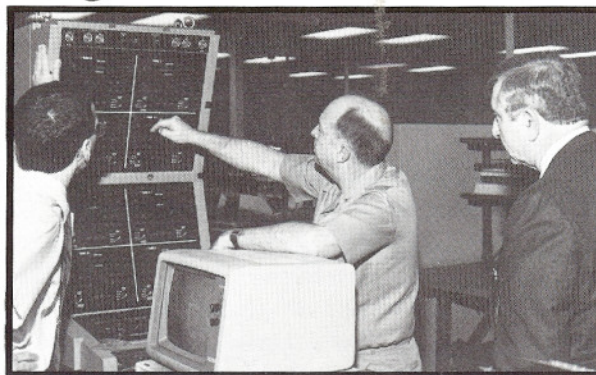
Continuous improvement has to do with the way we perform our functions, the functions themselves, our mind set, and our customers' perceptions. It is not the objective of continuous improvement to strive for perfection at all costs. The objective is, however, to improve the way we perform our daily tasks, prevent errors, be more efficient, and listen to our customers.

Continuous improvement is for everyone—not just the machinist or the solderer, but for the engineer, secretary, field service person, maintenance, manager—EVERYONE!

For Librascope to remain competitive, we must ALL continuously strive for improvement. No function is so perfect that it cannot be made better. We are working more with less. Everyone must do his/her part because "good enough" isn't! ■

## AN/BSY-2 HIGHLIGHTS

### Program Executive Review



RAdm. (sel) Scott Sears, center, conducts test of the performance monitor/fault location (PM/FL) software/firmware programs on the Command Launch Console (CLC). Looking on are Steve Higdon, left, Programming Systems Specialist, and Frank DeBritz, General Manager, GE.

Librascope was able to report some very positive progress during a Program Executive Review Session (ERS) held May 13/14...

- Delivery of version 2.0 VDI software that has PM/FL, flow control and new firmware incorporated.
- Demonstration of an ADCAP and Harpoon firing using Librascope developed weapons software.
- Start of the Unit Design Certification Test (UDCT) on the Limited Production (LP) Combat System Display Console (CSDC).
- Successful completion of UDCT on the Weapons Status Monitor (WSM).

Participating in the review were RAdm. (sel) Scott Sears and Frank DeBritz, General Manager, GE. Part of the review included a demonstration of the Command Launch Console (CLC) performance monitor/fault location (PM/FL) software/firmware programs developed by the Software Engineering group.

RAdm. Sears actually performed the test that initially showed the CLC was working properly. When a fault was manually inserted into the CLC the PM/FL detected the problem and identified the problem area. It was a successful and impressive demonstration. ■

### Security News...

#### New Procedures for Classified Documents

In the past year classified document control procedures have been streamlined. The "manual" system has been replaced by a computerized information management system. The "Receipt for Classified Matter" form is no longer utilized; however, an audit trail is still maintained.

When a new document control number is needed, Security must be contacted for a new LA number. In reference to an internal document transfer, the *recipient* of the document is required to call

Security to inform them of the transaction. The database is then updated referencing the change in accountability and an internal transfer receipt is printed.

The receipt will be forwarded to the former and the new custodian for his/her records.

Retention of the receipt is optional—it is no longer a security requirement.

If there are any questions concerning these new procedures, contact the Security Department X-1416. ■



# Espionage in the '90s Turns Economic

Industrial espionage is not new, and it is not always illegal, but as firms develop global reach, they are acquiring new vulnerability to economic espionage. Foreign spy services—those regarded as friendly and hostile alike—are stepping up efforts to gain economic advantage.

Once focused on military and geopolitical competition and conflict, the new spies are gearing up for clandestine economic warfare with a new field of play. Intelligence and military information is still sought out, but new targets include the secrets of the corporate boardrooms and research laboratories.

**“Welcome to a world order where profits have replaced missiles as the currency of power.”**

Senator David Boren, Chairman of the Senate Select Committee on Intelligence, stated in a recent interview, “There have been some instances where we felt we had some very strong evidence, certainly at least in one case, of a generally friendly country engaged in not just the theft of a private company’s secrets, but using government intelligence services to steal secrets of American private companies.”

As FBI Intelligence Division Chief Thomas DuHadway put it in August 1991, “Economic information is highly sought after because it translates back into economic power, and that’s the name of the game in this day and age.”

Tactics employed in the new espionage are the same as those in

the traditional human intelligence techniques: planting agents within American corporations who pass trade secrets to foreign intelligence services, who in turn pass them to foreign competitors. Other methods include the widespread use of electronic listening devices bugging hotel rooms, residences and even commercial airline seats.

Clandestine foreign intelligence operations aimed at penetrating American companies with spies is only one aspect of the economic espionage threat, but an equally serious threat and one that is more widespread is the problem of foreign governments eavesdropping electronically in their countries to acquire bidding information about American companies’ contracts and proposals.

For example, if a foreign country is planning to upgrade its computer-banking system or is planning a major transportation acquisition that involves multi-billion dollar purchases from U.S. manufacturers, foreign governments can intercept bidding data and cost proposals worth millions.

Recently, one Dallas computer maker spotted its sensitive pricing information in the bids of a South Korean rival. The detective agency which the firm hired discovered an innocent-looking plastic box in a closet at its headquarters. Inside was a radio transmitter wired to a cable connected to a company fax machine.

In a survey by the American Society for Industrial Security last year, 37% of the 165 U.S. firms responding said they had been targets of spying.

Billions of dollars are lost annually from stolen trade secrets and technology. ■

## How The Spies Do It!



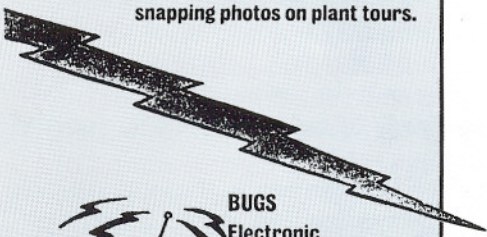
### MONEY TALKS

Corporate predators haven’t exactly been shy about greasing a few palms. In some cases they glean information simply by bribing American employees. In others, they lure workers on the pretense of hiring them for an important job, only to spend the interview pumping them for information. If all else fails, the spies simply hire the employees away to get at their secrets, and chalk it all up to the cost of doing business.



### STOP, LOOK, LISTEN

A wealth of intelligence is hidden in plain sight—right inside public records such as stockholder reports, newsletters, zoning applications and regulatory filings. Eavesdropping helps, too. Agents can listen to execs’ airplane conversations from six seats away. Some sponsor conferences and invite engineers to present papers. Japanese businessmen are famous for vacuuming up handouts at conventions and snapping photos on plant tours.



### BUGS

Electronic transmitters concealed inside ballpoint pens, pocket calculators and even wall paneling can broadcast conversations in sensitive meetings. Spies can have American firms’ phone calls rerouted from the switching stations to agents listening in. Sometimes, they tap cables attached to fax machines.



### HEARTBREAK HOTEL

Planning to leave your briefcase back at the hotel? The spooks will love you. One of their plays is to sneak into an exec’s room, copy documents and pilfer computer disks. Left your password sitting around? Now they have entree to your company’s entire computer system.



# Librascope United Way Drive - June 15-19

## Adversity Can Mean Opportunity for United Way of Greater Los Angeles

*A message from  
United Way President  
Herbert Carter . . .*

As the Greek physician Hippocrates said, "Healing is a matter of time, but it is sometimes also a matter of opportunity."

So it is with the recent problems of United Way of America, and the serious and damaging allegations of mismanagement and poor judgment that have been leveled against the national organization. It is sad that many United Ways across the nation, although all locally-governed and autonomous from the national organization, have in this time of great need for their services, suffered negative effects from this unfortunate situation.

The real losers here are not United Way, but rather the millions of needy people who benefit from help provided by the hundreds of organizations supported by United Way.

Unfortunately, many people do not realize that the relationship between local United Ways and United Way of America is a loose affiliation, essentially that of a trade association.

For the local United Way then, as well as for all nonprofit entities that depend on the generosity of the public, this time of adversity can also be a time of opportunity, to put forth a renewed emphasis on the stewardship of the public's trust and funds.

The decade of the '90s has seen the issue of ethics emerge as a paramount concern. This applies not only to political candidates and business executives, but to those of us in the nonprofit sector as well. Today, nonprofit organi-

zations must remind themselves that their operations are held up to higher standards than ever before, and that charitable contributions are voluntary and dependent upon the goodwill of individuals.

The issue takes on even greater significance in these recessionary times when people have fewer discretionary dollars, and in light of the tremendous growth of the nonprofit sector and the increased competition for dollars. In fact, in the past year alone, over 2000 nonprofits have surfaced in Los Angeles County.

This competitive environment has further increased the demand for results-driven, value-added services to the communities they serve. Like for-profit businesses, nonprofit organizations need to be very mindful of their efficiency. For example, United Ways across the country continue to be some of the most cost-efficient organizations around. Locally, 83 cents of every dollar collected goes directly to help support critical services in our local communities. The other 17 cents, less than half of that recommended by the National Charities Information Bureau, goes not only to overhead and fund-raising but also to programs designed to enhance the quality of life and solve community problems.

The principle of accountability is integral to all nonprofits. Our industry depends upon the goodwill of our contributors, and upon developing relationships of trust and confidence. Good deeds, glamorous public figures and even innovative programs are worth little if this basic ingredient is lacking. Accountability must be the backbone of every nonprofit organization. ■

*Note: Mr. Carter was named President of the United Way on March 2. He had been a volunteer for 24 yrs.*

## United Way Reacts to Community Crisis . . .

The devastation of the recent crisis in our community has left thousands of people homeless, jobless and hungry. United Way of Greater Los Angeles, through its vast network of community service agencies and partners and its more than three thousand corporate supporters, has mobilized its system to address the emergency needs faced by many residents who have been affected by this crisis.

Recognizing the immediate need for food by the area's food banks and pantries, the United Way first directed its attention to alleviating that problem. Working through their network of supporters, they quickly implemented the "Adopt-A-Zip-Code" program. Open to anyone who wants to help, the program is designed for groups to "adopt" needy areas hardest hit by the riots. These areas have been identified by zip code and assigned to the groups, which in turn collect food and distribute it to existing food pantries in the areas.

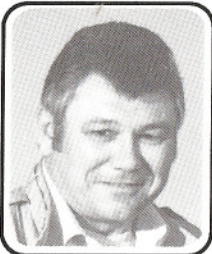
The United Way also produced a directory which lists many member and nonmember agencies that offer services such as emergency food, shelter, medical, counseling and financial assistance—whenever needed. The directory is posted on Company bulletin boards throughout the plant.

For more information about United Way agencies that offer emergency relief, call INFO-LINE at 800-333-9997. To volunteer, call 213-736-1300.

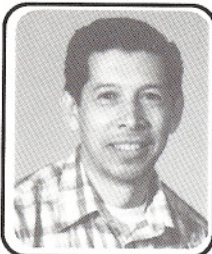
**Librascope  
United Way Drive  
June 15-19**



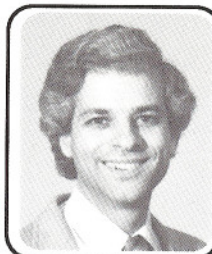
## Libravets thru May



**Ron Norton**  
25 Years  
Speciality Engr.



**Robert Alvarado**  
25 Years  
Printing & Repro.



**Tom Cuda**  
20 Years  
Product Engr.

### More Libravets:

15 Yrs: Jose Feliciano

10 Yrs: Robert Gray, Bill Carlson, Peggy Daniels

## Retirements



**Mary Emmott**, left, 12 yrs, and **Lila Reynolds**, 22 yrs, from the Printing & Reproduction Department, with **Ken Mandeville**, Manager, Documentation Production.

## Summer Shape Up!

**Coed "Low" Impact Aerobics Class**

**Tuesdays & Thursdays**

**4:15 to 5:15 pm**

**Bldg. 17**

**\$2 per class - payable at each class**

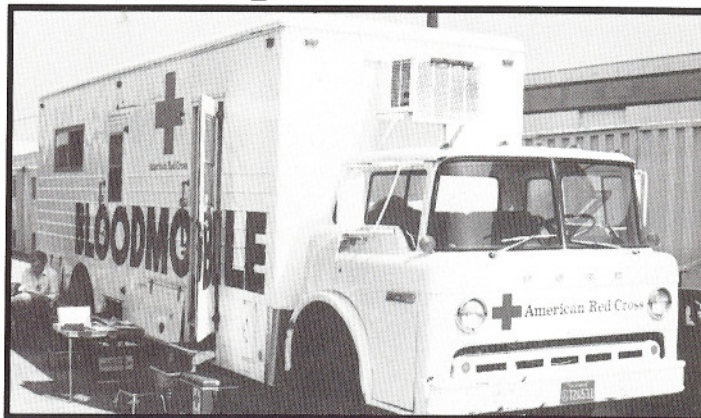
**Classes Conducted by the Glendale YMCA**

**FREE T-SHIRT**

**For Information, call X-1210**

# Thank You!

## Librascope Blood Donors



**A very special "Thank You" to the following donors for their "gift of life" at the Librascope Blood Drive held April 24:**

James Phillips, Tom Wilder, Jack Kelley, Carey Sublette, Bob Duggins, Arthur Sims, Barbara Dempsey, Earl Valdez, Dan Rangel, Connie Sauer, Steve Wallace, Greg Olsen, Irma Castruita, Stan Bucklein, Jim Jaeger, Jim Carpenter, Ivan Chan, Steve Higdon, Jannette McGreevy, Melba Puryear.

## GOING OUR WAY We Hope!



## Disneyland June Jubilee

**June 1-30 - Tickets \$20.50**

**\$7.50 savings - Includes Free Parking**

**On Sale Now - Employee Services Office**

**Thursdays & Fridays - 11:30 to 12:30 pm**