

Librascope Corporation, Glendale, California

AN/BSY-2 Major Milestone

First Weapon Data Converter Equipment Delivery

Another major milestone was reached on the AN/BYS-2 program this month—Librascope successfully passed the Factory Acceptance Test (FAT) on the Weapon Data Converter (WDC) suite of equipment. Elements of the suite consist of two (2) Weapon Converter (WC) units and one (1) Weapon Auxiliary Converter (WAC) unit.

The units were physically shipped to General Electric on Thursday August 27.

This milestone represents acceptance by and shipment to GE of at least one element of each Full Scale Engineering Development (FSED) hardware line item in our contract.

This also represents a job well done by all Engineering, Manufacturing and Quality personnel involved in the program. ♦



Weapon Data Converter (WDC) Suite

Security Department Announces New Security Procedures

Card Access System

Card (badge) access systems are in the process of being installed—to be completed by September 11. The card readers, or badge readers, are being installed in the following locations:

- Access to B-17 Rear—Card reader required for entry only.
- Access to B-17 Front
- Access to B-8 Front—Card reader required for both entry and exit.

The system allows the employee to enter or exit the buildings via the card reader. To unlock the door the employee slides his/her magnetic type badge through the card reader which then unlocks the door and allows entry or exit. All employees will be issued new badges with a magnetic strip to replace their current Librascope badge.

Hours of Operation for Card Readers

Building 17 Rear—

- ★ Operable during normal work hours.
- ★ Closed after normal work hours.

Building 17 Front—

- ★ Card reader not utilized during normal work hours.
- ★ Operable after normal work hours.

Building 8 Front—

- ★ Card reader not utilized during normal work hours.
- ★ Operable after normal work hours.

Once the new system is implemented, Building 8 Rear Lobby will also be closed after normal work hours and all personnel will be required to exit both Building 8 and Building 17 through the front

entrances. Actual door use hours will be posted at each entrance.

Bar Codes

A computerized bar coding system is being installed for all security document custodians. All document custodians, their documents and classified containers will be given bar codes. The bar coding system is two-fold—it will allow Security to track documents and conduct document custodian audits more efficiently, and it will also track the security patrols of all classified containers and closed areas.

The bar codes assigned to the classified containers will be installed by the middle of September. Bar coding of documents will be completed by the end of the year.

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❑ Loral Gets \$7.4 Million Navy Production Award

Loral Electro-Optical Systems (LEOS), Pasadena, recently won a \$7.4 million contract from the Naval Air Systems Command to produce 49 AN/ALQ-157 Infrared Countermeasure (IRCM) sets. Nearly 700 of the IR missile jamming systems have been sold worldwide for use on a variety of medium- and heavy-lift helicopters and turboprop fixed-wing aircraft.

The ALQ-157 IRCM provides continuous, 360-degree protection from multiple missiles while permitting operator jamming code selection and reprogrammability. IRCM systems work by sending out continuous waves or pulses of intense IR energy. When a missile's seeker picks up this energy, it is directed away from the aircraft, losing its ability to home in on its target. ♦

❑ Loral Retains Ranking as DOD's Top Training Company

For the second consecutive year, Loral tops the list of companies providing training systems and services to the Department of Defense (DOD). The annual ranking, published in Government Executive's August 1992 "The Top 200 Federal Contractors" issue, is based on R&D, service and production prime contract awards made during the government's previous fiscal year.

According to government fiscal 1991 data supplied by the Federal Procurement Data Center, Loral had \$157 million in prime DOD training contract awards, amounting to a 15 percent share of the more than \$1 billion DOD spent in the training category. ♦

Librascope Represented At DSA '92 3rd Defence Services Asia Conference



Larry Anderson, Director, Systems Engineering, explains Librascope's advanced Submarine Integrated Combat System (SUBICS-900) to members of the Malaysian navy during the Company's participation in the Defence Services Asia (DSA '92) Exhibition/Conference held in Kuala Lumpur, Malaysia.

Representatives from 28 countries worldwide attended the tri-service (Army/Navy/Air Force) conference. Other Librascope attendees included: Ernie Pool, Vice President, Business Development, Richard Kennerknecht, Mgr., Market Planning & Public Relations, and Chris Pearson, Mgr., Land Systems Marketing.

The following is an excerpt from a speech given by Gerry Linstedt, Communication Systems Operation V.P., responsible for Satellite Terminal, Orchid and Ground Systems Programs. Linstedt directs the "Program Office" for programs like NATO, LAVA, KSAR and ASAS.

"How Important is TQM?"

"The two word answer is, very important! The issue is what does it mean to people, and it means a variety of things. I think the bottom line is it's an opportunity to review the way we do business and improve on it. We need to step back and take another look, see how we do things. Clearly, customers want responsive systems and they want them very cost effectively. We have to look at the processes we have established over 30 years or more and figure what we can accommodate cost effectively. We all have a tendency to get more bureaucratic over time and somehow we have to streamline our processes. We can't do that from the top. Everybody must be involved. Becoming more competitive means our continued livelihood. So there is not anything that is much more important than TQM and empowering the people to make the changes is a key issue.

"TQM is about continually looking at processes and, as responsibilities and customers and technology and the business environment change, we must be responsive and change. We live in a changing environment and the issue of change is key; we have to accommodate change."

"Who is Responsible for TQM?"
—to be continued in September Librazette.

Employee Spotlight:



Irina Vainshtein

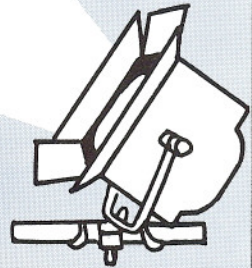
Irina first became interested in Librascope after attending an Engineering and Science Career Day at UCLA. She joined the Company as an Associate Engineer in July 1988 after graduating Summa Cum Laude with a degree in Cybernetics. After rapidly distinguishing herself in the Artificial Intelligence field at Librascope, Irina was promoted to Supervisor, Intelligent Systems in September of 1990. Her responsibilities include establishing and main-

taining a technological edge in applying advanced software techniques such as Knowledge-Based Systems, Automated Planning, Decision Aiding, Object Oriented Programming, and Neural Networks to Naval and Army Command and Control Systems.

She directs a small group of highly talented professionals on IR&D projects, development contracts, and proposal efforts. IR&D projects focus on automating complex cognitive tasks currently performed by people. Development contracts are typically sponsored by the Defense Advanced Research Projects Agency (DARPA)—over the past several years it was a subcontract through GE Advanced Technology Laboratory on Submarine Operational Automation System (SOAS). Currently it is a prime contract awarded to Librascope—the Submarine Engagement Automated Planning and Control System (SEAPACS). The \$4.4 million dollar contract is to develop and demonstrate a system concept

for submarine defense and attack planning using Artificial Intelligence techniques. Proposal efforts vary in scope and content. Examples include ship torpedo defense, torpedo approach and attack, ship missile defense, missile mission planning, and autonomous underwater vehicle control.

Her motto is "work hard, play hard." During the week she is often on the road selling ideas to perspective customers. On weekends her social calendar is filled with plays, concerts, art exhibits, parties, and getaways to California vacation spots. For longer vacations Irina prefers exotic places such as Hawaii, Mexico, Jamaica, Brazil, and Europe. ♦



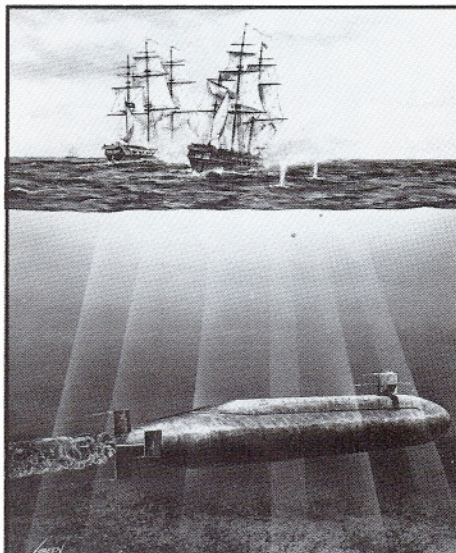
Security Department Takes 3rd Place in ASIS Poster Competition

Librascope has received an award for Third Place in the Government Contractor's Division in the American Society for Industrial Security (ASIS) Annual Poster & Video Visual Competition. Jack Dyer, Security Manager, submitted the poster created by Mike Green for the Navy League Sea-Air-Space Exposition held in April, and which appeared on the cover of the April 1992 issue of the Librazette.

For marketing purposes, the poster was titled "Naval Combat Control—A Long History on the Leading Edge."

For the security poster competition Dyer retitled the poster, "On the Prowl for Technology Pirates."

The purpose of the contest is to



*Government Contractor Security
'On the Prowl for Technology Pirates'*

enable security professionals to gain recognition for educational efforts of their security programs and to bring original ideas and applications to the forefront. The contest maintains an educational theme and recognizes security professionals in several categories to include local, state, federal and private industry (government contractors). Dyer will accept the award at the 38th Annual Seminar & Exhibits in San Antonio, Texas in September.

Recognition and many thanks are extended to Mike Green for creating the award winning poster. ♦

New Security Procedures Announced

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24 Hour Security Post

When the new security access system is installed, the 24 hour security post will be relocated from the existing "Main Gate" to the Sonora Gate.

Normal pedestrian access through the existing "Main Gate" will be accomplished by using a video camera card reader and an intercom to the security guard.

Vehicle access through the "Main Gate" will be controlled remotely by the officer at Sonora Gate.

Access to the California Room will be through the East door that opens out to the parking lot. ♦

Librascope Team Competes in Corporate Challenge Run . . .



The Librascope running team placed 32nd out of 77 teams competing in the Annual Corporate Challenge Race held at Griffith Park on July 23. Members of the Librascope team included, from left, Jim Dudley (team captain), Ray Madachy, Blake Kelly, Neil Gilbride, Tim MacAndrew and Serge Ayvazian. The team finished the 3.5 mile race with a combined time of 123.25 minutes. Over 3,170 runners and 159 teams competed in the race, which is sponsored by Manufacturers Hanover Corporation and Chemical Banking Corporation. Named the "Chemical Corporate Challenge Race," its purpose is to foster company involvement and teamwork in the best spirit of competition.

Congratulations to our Librascope team!

Libravets thru Aug.

- 15 Yrs:** Dave Newcomer, Harold Linnartz.
10 Yrs: Alex Difuntorum, Ralph Anderson, Carey Capaldi.
5 Yrs: Grant Corcoran, Art Sims, Robert Begley.

RIDESHARE



Prizes will be awarded to all carpoolers, vanpoolers, bicyclists, walkers, and bus riders on Rideshare Day Tuesday, September 23. Complete information and pledge cards will be distributed to all employees on Thursday, Sept. 10.

L.A. COUNTY FAIR



\$7 Adults (Reg. \$10)

\$4 Child 6-12 (Reg. \$5)

25 Ride Coupon Book - \$10 (Regular \$25)

Tickets on sale now in the Employee Services Office
11:30-12:30 Thursday/Friday

Last Call for Golfers

It's not too late to sign up for the Librascope Golf Club's Annual "Golf Get-A-Way" weekend in beautiful San Luis Bay.

September 18 & 19

The tournament is open to all Librascope employees and their guest(s).

Green fees for the two days are \$40/day.

Deadline for applications is September 4.

For more details and lodging information, call Barry Commons, X-1218.