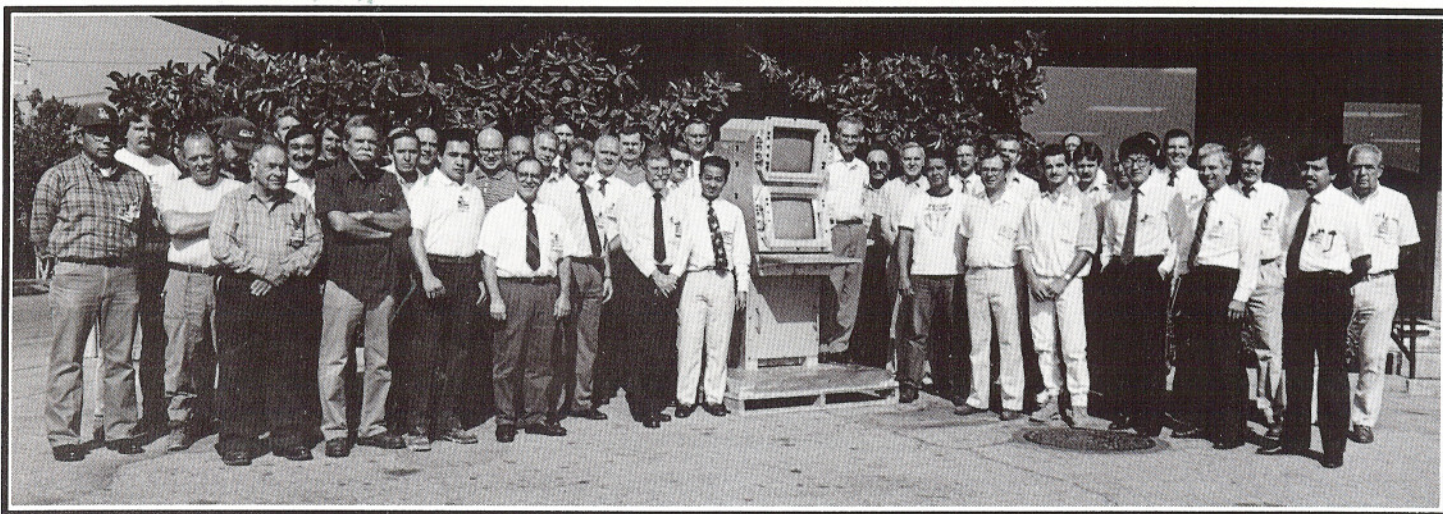


Librascope Corporation, Glendale, California

## AN/BSY-2 CRITICAL ITEM TESTS SUCCESSFULLY COMPLETED



Pictured with the Combat System Display Console (CSDC) are the Librascope employees who contributed to the success of the Shock/Vibration Critical Item Test — Congratulations for a job well done!

**September 20** – The Shock/Vibration Critical Item Test (CIT) of the Combat System Display Console (CSDC) was successfully completed at the Naval Ocean Systems Center (NOSC) in San Diego.

Meeting MIL-STD-901 shock and MIL-STD-167 vibration requirements are two of the most demanding environmental tests that the AN/BSY-2 equipments must pass. In these tests, a CSDC is mounted to a fixture which simu-

lates the installation in the submarine. For shock testing, a 1.5 ton hammer is dropped 4.5' onto the fixture inducing 50 g's of force into the CSDC. Vibration tests consist of vibrating the CSDC in 3 axes over specified time intervals.

According to Doug Kim, AN/BSY-2 Test and Integration Manager, Librascope's three CIT's, Graphics Engine Repackaging, Weapons Design Reviews and Relay

(Continued on Page 2)

## AN/BSY-2 PROGRAM EXECUTIVE REVIEW

**September 12/13** – An executive review of the Librascope AN/BSY-2 Program was conducted by General Electric (GE) and the U. S. Navy. Participating in the review were RAdm. Douglas Volgenau, the Navy's Program Executive Officer for Combat Systems and Weapons, Capt. Scott Sears, AN/BSY-2 Submarine Combat System Program Manager, Dr. John Short, Head of Combat Control Systems Department at the Naval Underwater Systems Center (NUSC), Ms. Pat Dean, NUSC's AN/BSY-2 Program Manager, Mr. Frank DeBritz, General Manager of Submarine Combat Systems Department (GE) and Mr. Jim Sanchack, Program Manager, AN/BSY-2/AN/BQG-5 FSED (GE).

During the review, the newly upgraded AN/BSY-2 Software Development and Integration Laboratory was toured. As described by Pat Dousette, AN/BSY-2 Software

(Continued on Page 2)



Pat Dousette, AN/BSY-2 Software Manager, right, describes VDI demonstration to RAdm. Douglas Volgenau in Librascope's enhanced AN/BSY-2 Software Development and Integration Laboratory.



## AN/BSY-2 CRITICAL ITEM TESTS SUCCESSFULLY COMPLETED

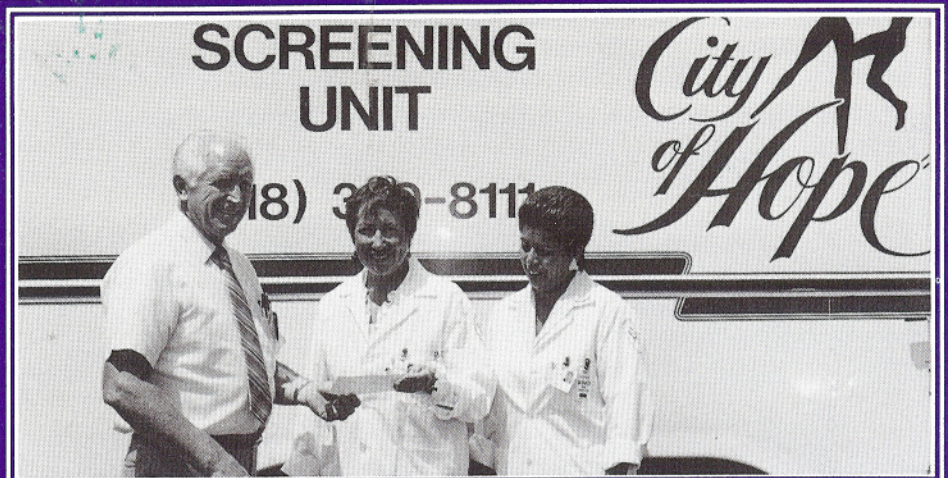
(Continued from Page 1)

Tests, and Shock/Vibration have now been completed. CIT's were performed as part of our risk mitigation efforts.

"Librascope prides itself in designing and producing quality, full military specified equipments," said Walter Picker, President. "This requires the cooperative efforts of everyone - the design engineers, the machinists, the assemblers, the inspectors, the subcontracts people, the test engineers, et al. Well done to all involved." ■

# STRIVING STRIVING TO BE THE BEST

## \$45,000 for UNITED WAY



Carl Culver, Librascope Aid Club Chairman, hands over a check for \$45,000 on behalf of Librascope employees to City of Hope employees, Anita Ashby, R.N., center, and Tony Martinez. The check represents a partial payment to the United Way for 1990. The City of Hope, a United Way agency, conducted cancer screening for Librascope employees in August. The free cancer screening, which included an education meeting, was offered to all employees. Sixty two employees went through the two day screening which was conducted in a City of Hope clinic equipped mobile screening unit stationed at Librascope. Of the employees screened only 12% were referred to their own physicians for further diagnoses. According to Marge Stoltzfus, Director of the Mobile Screening Unit, a 12% referral rate is very low. "Librascope is to be complimented for its healthy, happy employees," said Ms. Stoltzfus. The Mobile Screening Unit is funded by United Way donations.

## AN/BSY-2 PROGRAM EXECUTIVE REVIEW

(Continued from Page 1)

Manager, Librascope is producing software for the displays and the Weapon Launch Subsystem (WLS) of the AN/BSY-2 Combat System. Currently there are three commercial prototypes of the Combat System Display Console (CSDC) in the software development facility. Each is being used for integration and test of the Virtual Device Interface (VDI) software.

During the tour, the VDI software was demonstrated. The successful demonstration consisted of a Librascope test driver exercising the Graphics Window functions of the VDI on a prototype CSDC.

One of the prototypes with the VDI software will be delivered to GE within the next few weeks. This delivery is an important milestone as both

the CSDC and the VDI are major building blocks that are needed to support the software development activities at other AN/BSY-2 sites. This delivery provides major elements for GE's System Response Time (SRT) test to be conducted early next year. The SRT will be the first demonstration of basic system operation. This is in consonance with the AN/BSY-2 philosophy of "build a little, test a little."

"Enhancing Librascope's software development facility is key to meeting our software development commitments," said Bill Hudson, V.P., Sub-Surface Programs. The renovation of the facility began in June with the major work concluded in early September. It was coordinated by AN/BSY-2 VAX System Mgr., Christina

Sidrow, in conjunction with Sandy Tomsin, Facilities, Mgr., and the Librascope Facilities Staff. The renovation was done to both prepare the facility to accommodate a new suite of equipment as well as to make a populated/busy area a more efficient workplace. Work consisted of the installation of a raised computer floor and a 7-ton air conditioner, and the partitioning of a restricted area to be used for classified software development. The facility was also painted and the furniture refurbished.

"Librascope is increasing the capacity of the software development system so that we will be able to support over 100 developers by increasing the computational capacity to approximately 40 MIPs, and increasing memory to 548 MBytes," said Ms. Sidrow.



# TQM - Total Quality Management

## DAYDREAMING ON THE JOB IS A NIGHTMARE FOR QUALITY!

by

Paul White, Quality Assurance TQM Facilitator

Looking for ways to improve productivity is **EVERYONE'S** responsibility — we all must be ready to recognize and identify those areas where improvement can be made. The word **QUALITY** represents the characteristics and "flavor" of the Company's systems, processes, and products as well as its people and their attitudes, abilities, and outlooks. **Anything** that detracts from **QUALITY** is truly a nightmare!

Daydreaming, regardless of who the individual is or where he/she fits into the Company structure, represents an expenditure of Librascope dollars for nonproductive (lost) time. If we think this doesn't hurt us personally, we're wrong. If we think such an expenditure doesn't hurt the Company, we're wrong again. If we think there is nothing we can do about this problem, we're really wrong!

TQM does not encourage finger-pointing — TQM does, however, promote individual responsibility and the knowledge that each individual is an important part of the total team.

As a defense contractor, remaining

competitive is and will continue to be a formidable task. If we as a Company are not all pulling the rope together, in the same direction, at all times, our odds for success decline rapidly. ■

### Informal Training In An Entertaining Manner

Two important segments of Librascope's Total Quality Management (TQM) philosophy involve providing continual employee training and keeping employees informed of relevant issues.

The plastic table stands, placed in the Company lunch areas, provide informal training in an entertaining format. Messages change monthly and will include articles, cartoons, and sayings regarding teamwork, getting more out of your job, and different ways of looking at life in general. It is the Company's hope that you find the presented material both informational and enjoyable.

## Librascope CATFAE Office Opened in Florida



Recent visitors to the Librascope CATFAE Southeastern regional office located in Panama City Beach, Florida, were Librascope President, Dr. Walter Picker, center, and Bob Lang, Director, CATFAE Program, right. Jimmy Smith, left, is Manager of the Florida office which supports the CATFAE Program at the Naval Coastal System Center (NCSC) in Florida.

## RIDESHARE WEEK

OCTOBER 1 - 5

*To "Rideshare" is to carpool, walk, bike, or use the bus in going to and from work.*

### Rideshare Participants Treated to Breakfast October 3

All rideshare participants have been invited to attend a special breakfast to be held in the California Room on Wednesday, October 3, beginning at 6:45 am.

Over 187 invitations were mailed to those employees who are currently enrolled and participating in the Librascope Rideshare Program, — who either carpool, walk, ride bikes, or use the bus to get to and from work.

Dr. Picker will address the group with a report on the Company's current status and goals being established to attain the Company's AVR (Average Vehicle Ridership) of 1.5 riders per vehicle set by the Air Quality Management District.

### Coffee & Donuts or Yogurt for Everyone Who Rideshares October 5

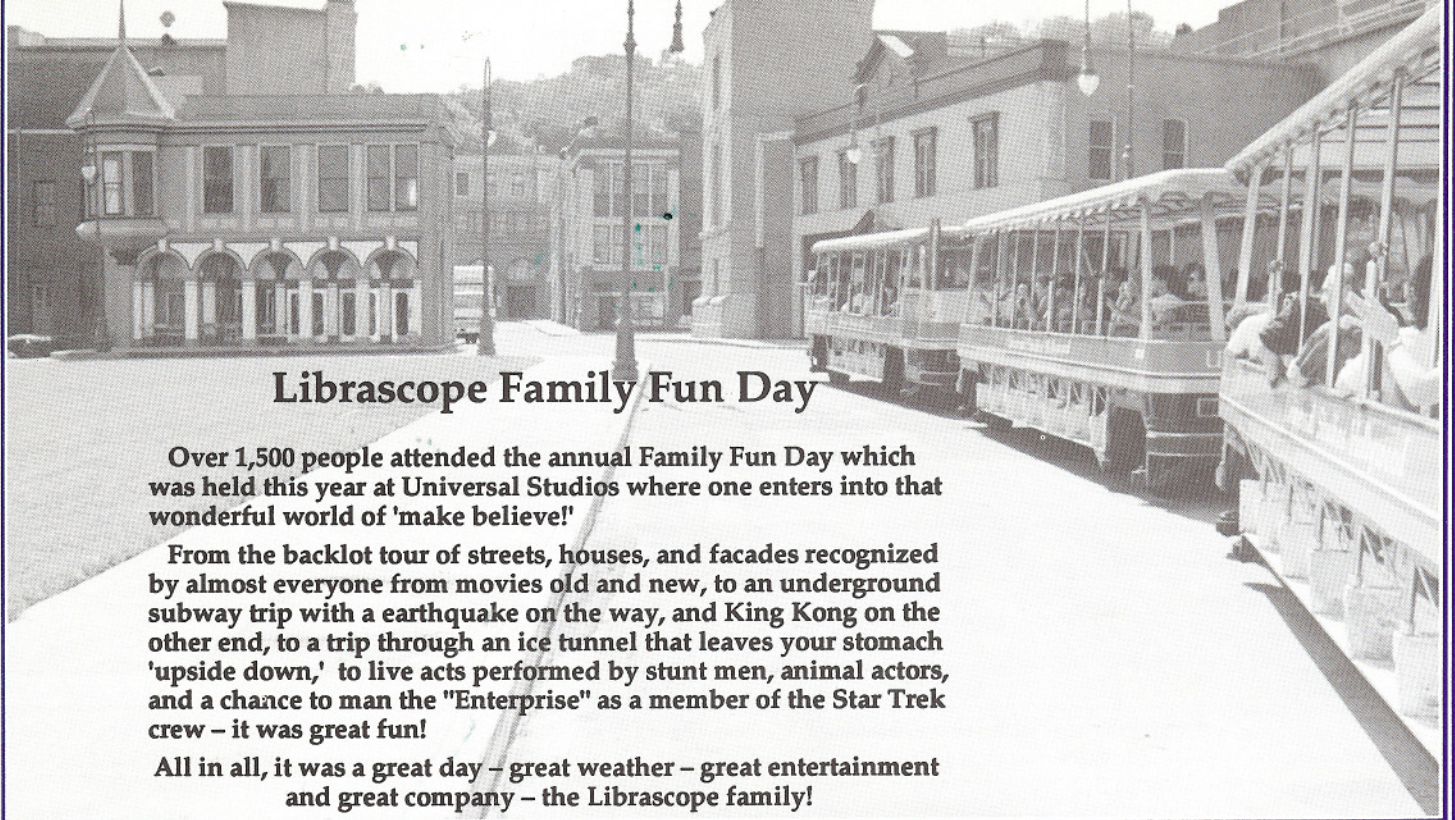
Free coffee and donuts or a free break time yogurt dessert will be given to everyone who rideshares to work on Friday, October 5.

In addition, a drawing will be held for five \$50 U. S. Savings bonds. Coupons will be handed out at the entrances beginning at 6:30 am to everyone who shares a ride to work, walks, bikes, or uses the bus!

### Vanpools Organized

Two of Librascope's 12 passenger vanpools will be organized during the week of October 1-5, to be launched from the the Palm-dale/Lancaster and Canyon Country areas later in the month.



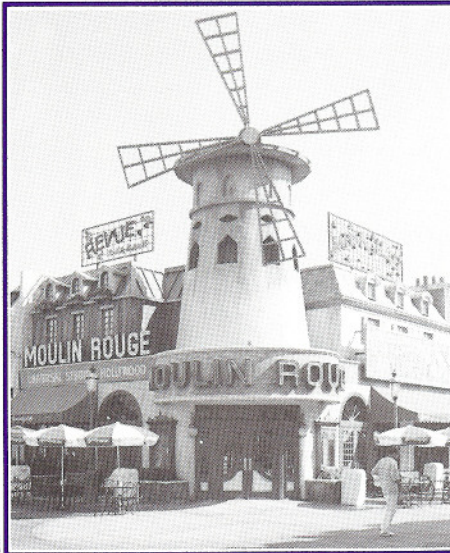
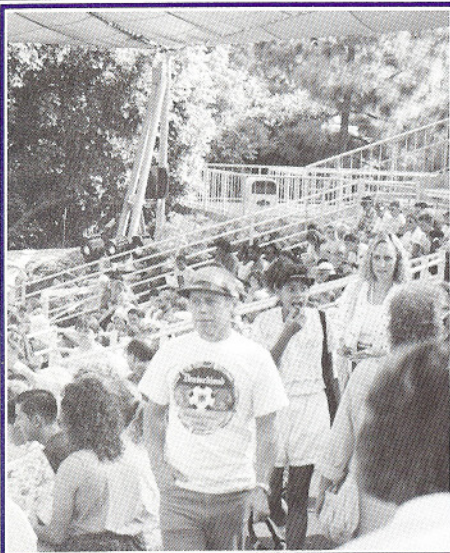


## Librascope Family Fun Day

Over 1,500 people attended the annual Family Fun Day which was held this year at Universal Studios where one enters into that wonderful world of 'make believe!'

From the backlot tour of streets, houses, and facades recognized by almost everyone from movies old and new, to an underground subway trip with a earthquake on the way, and King Kong on the other end, to a trip through an ice tunnel that leaves your stomach 'upside down,' to live acts performed by stunt men, animal actors, and a chance to man the "Enterprise" as a member of the Star Trek crew – it was great fun!

All in all, it was a great day – great weather – great entertainment and great company – the Librascope family!





# LIBRASCOPE RETIREES' DINNER



Ray McDonald and wife Helen, chat with John Gustafson, a Librascope employee and member of the Verdugo Swing Society which provided music for the retirees.



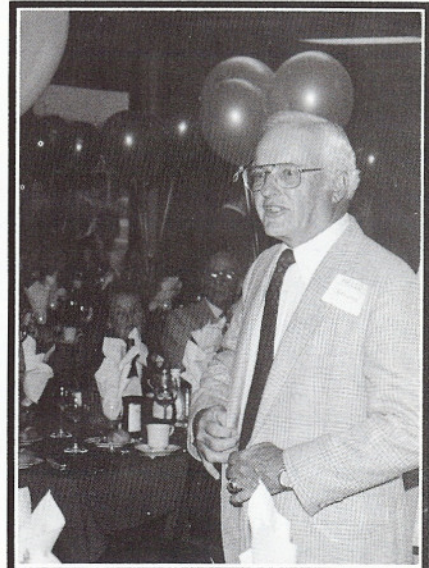
Over 250 persons attended the 1990 Retirees' Dinner, held at Librascope in the California Room. Comments after the dinner included, "It's like coming home - we love getting together!"



Ruth Sandaker is greeted by Carl Krohn. Looking on is Les Bentley.



Walt Newcomer and wife Rodell, seated, visit with fellow retirees and Bob Curran, standing.



Bob Fuchiek, former, Director Computer Products, attended with wife



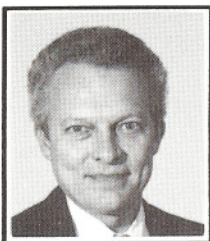
Bill and Rita Girouard, on left, dance along with other retirees, including Art Villa, center, and Clyde and Lavonne Cobb, on the right.



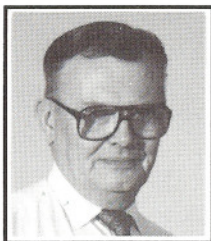
Librascope staff members at dinner included, from left, Bill Hudson, V.P., Sub-Surface Programs, Jerry Beushausen, V.P., Administration, and Ernie Pool, V.P., Business Development.



## Libravets thru Sept.



**Bill Brockway**  
30 Years  
Field Service



**Joe Collin**  
25 Years  
Purchasing



**Mary Ann Hutnick**  
25 Years  
Purchasing

### MORE LIBRAVETS...

- 15 Years — Marshall Ameen, George Djurkowitsch  
10 Years — Richard Bryant, Bill Stewart, Richard Segura,  
Dean Munson, Charles Boyd, Armando Rivas, Gerald McDuffey, Tom Clock  
5 Years — Gary Michel, Nancy Barnett

## Promotions

**Mary Hogan** from Library Assistant to Assistant Librarian;  
**Irina Vainshtein** from Engineer to Supv. Intelligent  
Systems; **Rudy Nunez** from Sr. Tech. Illustrator to Proposals  
and Special Projects Administrator. ■

## New Employees

**William Brown**, Accounts Payable Clerk; **Darlene Chin**,  
Project Administrator; **Michael Levasseur**, Engineer; **Brian  
Linder**, Programming Systems Specialist; **Lionel McAl-  
pine**, Technical Programmer; **James Kruse**, Technical  
Programmer; **Louis Tribble**, Technical Programmer;  
**Dolores Campa**, Technical Documentation Clerk; **Cynthia  
Chen**, Technical Programmer; **Linda Love**, Programming  
Systems Specialist; **Reginald Williams**, Technical Program-  
mer; **Craig Worcester**, Logistics Engineer; **George Pador**,  
Jr., Technical Programmer; **Quang Tran**, Engineer; **Keith  
West**, Staff Engineer; **Dave Eng**, Programming Systems  
Specialist. ■

**"You're invited to my October Gala at  
Disneyland on October 7, 14, 21, 27 & 28!  
Tickets are only \$17.75 per person  
Tickets On Sale Now - Employee Services"**



## Calendar thru December

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

**Oct.**

**10**

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

**20**

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

**27**

**Ice Capades at the Forum**  
7:30 pm - \$8 per person  
(Reg. \$16 per person)  
Golden Anniversary Edition  
featuring Barbie On Ice  
and The Simpsons

**Nov.**

**7**

**Holiday Cooking  
Demonstration**  
In the Calif. Rm.  
7 pm

**TBA**

**Librascope Blood  
Drive**  
8am - 1:45 pm  
Bldg. 17 Patio

**23-26**

**The Ultimate Holiday  
Break!**  
3 Days/ 2 Nights at the  
Scottsdale Princess in  
Arizona plus rdtrip airfare.  
Complete pkg. \$190  
(worth \$395) per person

**Dec.**

**1**

**Librascope Craft Fair**  
10:00 am - 4:00 pm  
In the California Rm.  
(Also in the Calif. Rm. on  
Nov. 30 from 4:15-6 pm)

**8**

**Children's Christmas  
Party**  
10 am - 4 pm in the  
California Rm.