

Librazette

Dec., 1984



Childrens' Holiday Party, 1984

1984 Business Recap

A Busy Year At Librascope

NAVY BUSINESS

U.S. Navy

During the year, Librascope was heavily involved in submarine and surface-ship vertical-launch programs. Three prototype submarine Vertical Launch Systems were delivered to the Navy. Two of the delivered systems are being utilized currently in Navy laboratories for system integration studies and software testing. The third system has been consigned to a shipyard for submarine installation.

Vertical Launch Systems are intended to augment the firepower of attack-class submarines by permitting them to fire Tomahawk cruise missiles vertically from cells located in ballast tanks.



Librascope's Combat Control System Mk 2, a highly advanced next-generation system for submarines and surface ships was recently sold to an international customer.

Librascope also delivered to the Navy the advanced development model of a weapon control console designed to enable surface ships to carry out the vertical launch of the ASROC missile. The ASROC is used to protect surface ships against submarine attack.

A highly efficient Portable Data Gathering System was developed and delivered to the Navy for use on Poseidon-class submarines to collect torpedo test firing data. The system is potentially usable on all U.S. submarines and at torpedo test ranges as well. Work continued on development of a weapon simulator that also is potentially employable on all U.S. submarines and at appropriate shore stations.

Production continued during the year of standard Librascope equipment used on all classes of U.S. submarines. This production included major electronics consoles as well as system modification kits.

International

Librascope continued to be active in equipping submarines of allied navies with tactical information and weapon control systems. An international customer has purchased Librascope's new and advanced Submarine Combat Control System Mk 2, representing the initial entry of this sophisticated system into the world submarine market.

Additionally, delivery of four Librascope Mk 1 submarine systems took place during the year to the Indian Navy. In December, 1984, the Royal Australian Navy rededicated its first Oberon-class submarine to carry a Librascope Mk 1 system modified to employ the Harpoon missile.

Two Canadian submarines have gone to sea with a Librascope Mk 1 system, while a third is currently being equipped with the system in a shipyard.

ARMY BUSINESS

Initial deliveries under the first Tactical Computer System/Tactical Computer Terminal production contract took place at year end, inaugurating a production effort to equip the U.S. Army's front line forces. The TCS AN/UYQ-19 and TCT AN/UYQ-30 comprise the first stage of the Army's emerging Maneuver Control System, and represent the use of modern data processing and communication technologies in supplying battlefield commanders with the quick information they need for their decision making.



Librascope is a leader in employing plasma panels on militarized U.S. Army equipment. In the foreground is the TCT, with its 8 1/2 x 8 1/2 inch plasma panel, in the background is an auxiliary 17 x 17 inch panel.

To provide the Maneuver Control System with options for displaying larger areas of the battlefield, Librascope built concept development models

of two auxiliary tactical display panels, each employing plasma panels, areas of the panel can be addressed electrically to superimpose tactical symbols on the underlying map. One of the new display panels is 24 inches in size (diagonally) and the other 40 inches, yielding much larger tactical display areas than heretofore have been available to the Army. One of the 24-inch displays was shipped to Kearfott Division as an element of that division's Army Short Range Air Defense (SHORAD) program. (A Librascope TCT is also being used at Kearfott in support of the SHORAD program.)

Development of Communications Terminal AN/UGC-137 was completed, and the terminal is now undergoing testing.

The Communications Control System, which represents a major upgrade in the Army's ability to manage battlefield communications, was shipped to Ft. Sill, Oklahoma, for initial installation in the Field Artillery Test Bed. The system is one of the first to employ the new DOD-sponsored Ada software language. A major engineering development program is planned for 1985.

Librascope completed development of a non-militarized company-sponsored Programmable Communications Interface Unit, designed to take advantage of the Army's current interest in using commercial communications equipment in certain applications. The Interface Unit provides a versatile and cost-effective hardware and software interface between commercial computers and the Army's militarized communications equipment (such as the TCS and TCT).

AIR FORCE BUSINESS

Librascope increased its participation in the U.S. Air Force market by being awarded a contract to provide Militarized Mass Bubble Memory Systems for the Peacekeeper ballistic missile program. The product evolved from Librascope's experience in militarizing bubble memories for use in its U.S. Army equipment. The Air Force will use the bubble memories in both ground and air applications.

Under contract to the U.S. Air Force Systems Command, the company continued development of a large screen Cartographic Terminal for use by the Defense Mapping Agency. The terminal employs laser-activated liquid crystal cells, a technology in which Librascope is an international leader.

Hudson Named Vice President



William F. Hudson

The promotion of William F. Hudson to Vice President, International Programs has been announced by Maurice Center, President.

"This appointment reflects the increased importance and potential of our international sales, and will put greater concentration on the area of international business which has been very successful for the Company in recent years," said Center.

Hudson joined the Company in 1976 as a Sr. Staff Engineer. He was named Manager, Systems Engineering in 1980, in addition to being responsible for acoustic countermeasures programs. He holds BSEE and BSIE degrees from the University of Washington. Hudson attended Officers Candidate School and was an ASW officer while serving in the U.S. Navy.

Employees Pledge Record \$109,412

The 1984 United Way Campaign held at Librascope in November, resulted in a record high amount pledged by employees of \$109,412. (Employees pledged \$97,445 during the 1983 campaign.)

In addition to the amount pledged, the Company donates 50 cents for every dollar pledged by employees.

The total number of employees participating after the drive was 1,112 out of 1,609 employees.

Social Security Tax Increase

Starting January 1, the maximum amount of a worker's wages that is subject to Social Security tax will rise from the present \$37,800 to \$39,600. Under a previous law, the tax rate will go up from the present 6.7 percent to 7.05 percent. That means the maximum Social Security tax on a worker will be \$2,791.80, compared with \$2,532.60 this year. The top tax on employers will rise by \$145.80 per worker.

Libravets



Gerald Henshaw
30 Years
Program
Management



Paul Russell
30 Years
Circuit Board
Plating & Fab.



Marie Sagar
30 Years
Subcontract
Administration



Richard Roepke
30 Years
Provisioning
Technology



A. J. Pankratz
30 Years
Engineering
Administration



Patricia Ha'o
25 Years
Finance



Olivia Ballesteros
25 Years
Manufacturing
Customer Service



Jim Avera
25 Years
Photo Lab



David Sanderson
25 Years
Field Service



Margarett Vasilieff
25 Years
Scheduling &
Records Control



Chuck Reuter
25 Years
Project
Administration



Gene Swygard
25 Years
Advanced
Concepts



Mike Dacher
25 Years
Naval Systems



Warren Lebow
25 Years
Support &
Evaluation



Frank Yapp
25 Years
Personnel &
Organization



James Swanson
25 Years
Shipboard
Products Design



Nick Constantini
25 Years
Value/Liaison
Engineering

Not Pictured:
25 Years: Herbert Meyer, Ken Luther, Sam Baker, Patrick Keegan, Al Saenz

More Libravets:
20 Years: Mary Brown, Jack Bromley, Clarence Kane, William Wendall, Richard Havener, Carl Mandernacht, Arthur Owens, Harry Ford.

15 Years: Walter Jaynes, Harold Gaither, Othel Wilson.

10 Years: Timothy Bruse, Virginia Garcia, Walter O'Connor.

1985 Holiday Schedule

New Year's Day — Tuesday, January 1, 1985
Washington's Birthday Observed — Monday, February 18
Good Friday — Friday, April 5
Memorial Day — Monday, May 27
Independence Day — Thursday, July 4
Labor Day — Monday, September 2
Thanksgiving Holiday — Thursday & Friday, November 28 & 29
Floating Holiday — Monday, December 23
Christmas Holidays — Tuesday & Wednesday, Dec. 24 & 25
Floating Holiday — Thursday, December 26
Plant Closure — Fri., Dec. 27, Mon. & Tues., Dec. 30 & 31
New Year's Holiday — Wednesday, January 1, 1986

Club News

NUSC Softball League Champs



Naval Underwater Systems Center (NUSC) Softball League Champs: Back row (left), Gunnar Foss, team coach, and Dave Biestek; front row (left), Mark Davis and Jeff Morse. Other team players not pictured: Phil Eklund, Stan Raymond, Kelly Confar, Jim McGaughlin, Larry McGaughlin, Mark Weinman and Jim Long.

The Librascope Field Engineering Support Office in Newport, Rhode Island concluded a successful softball season by defeating SEACORP 13-11, and winning the "B" division NUSC league championship.

After losing the first three ballgames during the regular season, the Librascope NUSC

team fashioned a record of 16 and 1 the rest of the way to become the regular season and playoff champions.

Following the victory, League President Tom Harmon of NUSC presented Librascope's coach Gunnar Foss with two trophies; one for the regular season championship and one for the playoff championship.

New Computer Club



Librascope Computer Club members (seated, from left) Darvin Salbino and Tony Capellini, and (standing, from left), Joe Killian, Ron Brualdi, Jerry McDuffey, George Webb, and Phil Mayers.

The newly formed Librascope Computer Club is actively seeking those employees who own their own computers or who are just getting started with computers and are finding it difficult to obtain the information or help they need.

The club is divided into different groups for each of the following computer systems: IBM, Commodore, Apple, Texas Instruments, S-100, TRS-80, and Atari. The group meetings provide instructional help, and

members exchange disks and programs among themselves. The club maintains a library which can be used by all group members.

Organizers of the club include club president, Jerry McDuffey; Tom Cappellini, treasurer; George Webb, secretary and newsletter editor; Roy Shepard, general consultant; Darvin Salbino, asst. newsletter editor, and Ron Brualdi, club librarian.

Membership forms may be obtained from any of the above mentioned club officers.

Happy Holidays

childrens' holiday party



Santa's Wish

"A Safe And Happy Holiday To All"

Santa and his helpers made their annual visit to Librascope again this year, Saturday, December 8, to greet and treat over 800 Librascope employees' children who attended the event.

"The party was a big success," said Frank Yapp, Vice President, Personnel & Organization. "There were at least 200 more children this year than last, which is a direct indication of the Company's growth over the past several years."

The children each received a holiday gift and had a color photo taken with Santa. Refreshments were served and everyone was entertained by a host of favorite characters such as Frosty, Rudolph, Garfield, Smurf, Teddy Bear, Christmas Penguin, Big Rabbit and even the Pink Panther!

After listening to the gift requests of over 800 children, Santa reported that Barbie still heads the list for girls, but robots have replaced train sets for boys this year.

Helping to make Santa's visit a memorable one for the children were a host of Santa's helpers, who reported they had more fun than the children: Ken & Sue Manderville, Cheryl & Eric Logan, Helen Esposito, Jan Tempesta, Sara & Joe McCoy, Nancy Deeds, Anabelle Luther, Georgia Masulli, Michelle Mazarin, Kim Hagerty, Sally Morrow, Jim Avera, Tim Bruse, Maddy Humbert, Chris Esposito, Steve Wallace, Kevin Laughlin, Anna Ponka, Randy Stine, Joe Tarranova, Tony Fleitas, Phil Moon, Tim Sullivan, Diane Payne, Karin Trzepacz, Bob Maas, Jack Naimoli, Brian Megee, Laura Maki, Chrissy Larson, Colleen Laughlin, Jenny Koupal, Glenda Deeds, Sharri Friel, Kay Low, and Leslie Deeds.

retirements



Wally Robinson, 21 years, Plant Engineering, and wife Juanita Robinson, 29 years, Final Assembly.



Jerry Sikora, 32 years, Model Shop, with wife Pat, is congratulated by M. Center, president.



Harry Milern, 26 years, Production Control, with Helen Perez, Supvr.



Henry Hamlin, 27½ years, Machining, with wife LaVerne



Jim Davis, 18 years, Carpenter Shop, with wife and daughter.