

An artist's rendition of the Librascope SST—
(Tri-Service Single Subscriber Terminal)

\$32.5 Million in New Contracts . . .

Happy Holidays Librascope!

Within the last three months, Librascope was awarded contracts for new and follow-on business with a total value of nearly \$32.5 million.

Three of the contracts are for work on major antisubmarine warfare control systems, data gathering, and operator and maintenance training for the U.S. Navy; the remainder involve a fire control system for the Canadian Government and an advanced communications system for the U.S. Army.

"As we begin the new year, the Company is in a very healthy and stable state," said Maurice Center, president. "We have received several significant contracts. Our technological experience and expertise has made us extremely competitive in areas such as digital design, displays, acoustics, communication systems, and electro optical technology. And, we're becoming more and more successful in the international marketplace."

"Our goal for the new year and for the years to come, is to continue to get new work . . . exciting and important new work."

Librascope SFCS to Join Canadian Forces

The Company has been awarded a contract for approximately \$12 million dollars by the Canadian Government for purchase of the Librascope Submarine Fire Control System (SFCS) Mk 1 Mod C to be installed on Canadian Forces (CF) Oberon-class submarines. The systems are being procured through the Canadian Department of Supply and Services in behalf of the CF as a phase of their Submarine Operational Update Program.

The Canadian program involves the delivery of three shipboard systems, a training system for installation ashore, and associated logistics support. The systems to be delivered to Canada are essentially the same as those built by the Company for the Royal Australian Navy (RAN), except for relatively straight-forward modifications to accommodate a different array of weapons.

Ernest T. Pool, Marketing Vice President, notes that "This contract bears out Librascope's continuing strategy of developing versatile submarine combat systems that fit the needs of many international navies, who must keep their sea defenses current by either upgrading existing submarines or by incorporating new classes of submarine design."

The Submarine Fire Control System (SFCS) Mk 1 is an advanced tactical information and weapon control system used by submarine command personnel to analyze the

movements of aggressor submarines or ships and to control the delivery of weapons to targets. The SFCS is advantageous in that it is highly automated, requires fewer operators, and is easily adapted to both submarines of current or new design. It is the free-world's first digital, totally-integrated tactical information and weapon control system to reach production, and since its initial development by Librascope for the Royal Australian Navy, the SFCS has received wide international attention and interest.

\$12 Million MK 117 Production Contract

Librascope was awarded a \$12 million production contract by the U.S. Navy to produce various equipments and associated support hardware for Fire Control System Mk 117. This contract is a two year procurement and includes the Attack Control Console Mk 92 Mods 2 and 4 and two new equipments that have been in development since 1979. The new equipments are the Emergency Preset Console (EPC) Mk 93 and a new universal Weapon Monitor Panel (WMP) Mk 19 Mod 3.

The EPC Mk 93 will provide an emergency mode for launching Torpedo Mk 48 when a malfunction occurs within the basic FCS Mk 117. The new WMP Mk 19 Mod 3 and the ACC Mk 92 Mod 4 incorporates the Tomahawk Cruise Missile capability into FCS Mk 117. Deliveries under this new contract will start in the 4th quarter of 1981 through 1982.

According to Ray Bartlome, Director, Naval Weapon Systems, the Naval Sea System Command will issue annual production contracts to Librascope for the next several years for additional quantities of these equipments. The next contract is expected during November or December 1981.

(SST) Contract

The Company was recently awarded a \$4.3 million dollar contract by the U.S. Army's Communications Research and Development Command (CORADCOM) to develop the tri-service Single Subscriber Terminal (SST).

The SST is the principal interactive device of the Modular Record Traffic Terminal (MRTT), which consists of SST's and Modular Tactical Communications Centers. The function of the SST, and the MRTT, is to reduce communication time in tactical warfare environment of the 1980's, in a manner consistent with the architecture of the U.S. Defense Department's Combined Services Communications Systems Program.

An SST consists of a keyboard, a

message display which provides message composition and storage capability, and an auxiliary storage module which provides secondary memory as well as extra message storing capability. The SST is used for composing, storing, displaying, receiving, and transmitting message traffic. It can be coupled in various configurations with such peripherals as magnetic tape transports, optical character readers, facsimile equipment, and line printers. Because of its emphasis upon person-to-person message transmission, the SST is expected to assist in ending of the "tyranny of the message center" through elimination of historical problems associated with storage, retrieval, and record keeping of message traffic.

Forty SST's, and a number of auxiliary storage modules are being procured.

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Dec., 1980

Librazette

retirements



Mira Lawrence, 19 yrs., Circuit Board Assembly.



Virgil (Toby) Tobias, center, Administrative Contracting Officer for the Department of Defense, Contracts, for the past five years at Librascope. With "Toby", from left: Peg Ford, DCAS Secretary; a visiting DCAA Auditor; Toby; Mark Ventuleh; and Sam Burnstein.



Estelle Nichols, 7 yrs., Finance Department

Ideas Pay Off



ESP Winners — from left: Carl Culver, ESP committee member; Frank Getzewich; Vic LaCasella; Ed Ritts; Darlene Kent; Al Houchin; Jose Feliciano; and ESP committee member, Phil De Grazio.

Marion Daggett, Program Administrator of the Employees Suggestion Program, announced that bonus gift certificates of \$50, \$75 and \$100 were awarded to seven Librascope employees.

The top suggester was Albert Houchin, Shipping and Receiving, who recommended a new method of packaging disc memory instruments. An additional \$50 award was granted Houchin at the time his suggestion

was originally accepted.

Runners-up with \$75 bonus awards were Nelda Arata, Final Assembly, and Ed Ritts, Sub Assembly. \$50 bonus awards went to Jose Feliciano, Machining; Frank Getzewich, Value/Liaison Engineering; Darlene Kent, Circuit Board Assembly, and Vic LaCasella, Model Shop. Each of these recipients were awarded \$50 for their suggestions prior to the bonus awards.

News, events and other

Fun and Golf . . . Las Vegas



Three eager golfers (at 7 am in Vegas?), from left: Bill Graham; Al Germano; and Tom Smith.

Charlie Gilkey, looking for his ball, or a keno runner perhaps?



A high point of this year's golfing season was attained when Librascope's golfers and their guests trekked to Las Vegas June 20th for a fun-filled weekend of G&G (Golf and Gambling).

Arriving Friday evening, everyone immediately began their refresher courses in investment, Las Vegas style. As usual, a few paid expenses, a few broke even, and most financed the others. Despite the gambling diversion, everyone showed up early the next morning at the Tropicana Golf course for the shotgun start of the golf tournament.

Five hours later, the entourage began showing up at the Club House, with some score cards displaying awesome results of the combination of a night of festivities and a "refreshing" morning round in the sun. A few hardy souls did turn in some excellent rounds.

The intrepid golfers then adjourned to the Tropicana across the street to enjoy drinks, hors d'oeuvres, conversation and the awarding of the various

prizes. All prize money was paid in silver dollars in hand-made money bags fabricated by Bill Brockway. Members Chuck Laughlin, Bill Brockway, and Jerry Smith garnered first, second, and third low net respectively. First, second and third place guest awards went to Bill Smith, Bill Reedy, and Frank Cimaglia.

\$32.5 Million . . .

(Continued from page 1)

Other New Business

The Company has been awarded a \$690,000 contract from the Naval Underwater Systems Center for Fire Control System Mk 116 Mod 4 operator and maintenance training.

The FCS Mk 116 Mod 4 is the Company's surface ASW (anti-submarine warfare) system for the U.S. Navy's AEGIS class of Guided Missile Cruisers. Joe Schlegel, Manager, Customer Training, stated that the curriculum and course development work will be performed in Glendale,

with the courses being taught at the Fleet ASW Training Center in San Diego.

More Acoustic Devices

A \$3.6 million contract for the production and delivery of Acoustic Devices, Countermeasure (ADC) Mk 1 Mod 0, and Gas Generators (GG) Mk 64 Mod 0, was awarded the Company in September.

Deliveries are to be completed by the end of 1981. This is the third production contract for this equipment, and represents a total of \$7.8 million in these devices manufactured by Librascope for the U.S. Navy.



Pictured is the Librascope Submarine Fire Control System, Mk 1, to be built for the Canadian Government.

Holiday Greetings to Field Support

Holiday greetings and best wishes to all Librascope field support personnel stationed throughout the United States, in Europe and in Australia...

"These employees are the Company's direct interface in the support of Librascope equipment for Navy and Army defense forces throughout the world," said John Paul Jones, Manager, Field Support.

"We receive many letters of commendation from high ranking military officials on the technical expertise and job deportment of our field support personnel. They are doing an excellent job."

Librascope field support personnel are involved in the following Navy and Army programs at the locations noted below: Torpedo Certification Support; OrdAlt Installation Support; Weapons System Accuracy Trials; Mk 113, 116, 117 & 118 Systems Support; Combat Systems Support; the RAN Program; and Mobile Ordnance Technical Unit Support (MOTU).

Greetings to...

Newport, Rhode Island: Bill Alexander, Randy Arruda, Jim Banks, Allen Benoit, Tom Butala, Jim Cochran, Earl Confar, Phil Eklund, Bill Farrer, Joe Fletcher, Don Joiner, Jack Kelley, John Lamerson, Brendan Lowney, Betsy Mattson, Billy McGlaughlin, Denise McKeon, Deborah Nunes, Bob Offersen, John Olsen, Steve Papkey, Robert Price, Bill Ryan, Stan Raymond, Harry Rolfs, Dave Santti, Hugh Shoun, Chuck Sowles, Mark Weinman, Dan Cianci, Dave Sander-son and Buddy Webb

New London, Conn.: Mark Anhalt, Lee Arnold, Bill Blakely, Howard Beringer, Sam Curcuro, Homer Ezell, Art Ishihara, Ken Kelley, Warren LeBow, Chuck Lisner, Tom Maurer and Jim White

Groton, Conn.: Dick Havener

Pascagoula, Miss.: Bill Barnett and Ron Horndasch

Norfolk, VA: Barry Commons, Don Davis, George Miller and Carl Thompson

Charleston, So. Carolina: Ron Bush, John Hayden, Don Hunter, Jim Vivona, Jim Yeatras and Lou Bishop

Keyport, Washington: John Doehne and Don Erickson

Alabama: Dan Thomas

Colorado: Pete Malinowicz

Hawaii: John Langman

Pennsylvania: Wes Thomas

Washington, D.C.: Carl Mander-nacht

Australia: Don Dekart and Clay Newell

Germany: Bill Chin

California Based: Don Belcher, Larry Dodge, Don Olsen, Milton Schott, David Whitaker and Carlton Yanagi, Pete Houser

Newport, Rhode Island—Engineering Support: Dick O'Connor, Jayne Vickrey, Sandy Palmieri, Gary Jasper, Denise Amaral, Randy Baker, Bob Bills, Ernie Dorazio, George Flynn, Bob Konkle, Jim Landman, Walt Longacre, Bob Novick, Al Petrie, Ken Poole, Carole Regan, Frank Shaffer, and Scotty Williams.



Stewart to Manager International Marketing

William R. Stewart has been named Manager, International Marketing at Librascope.

"In his new position," said Ernest T. Pool, Vice President-Marketing, "Stewart will be responsible for organizing and directing the international marketing activities for our division. He will identify new business opportunities, establish technical and other program requirements, prepare acquisition strategies including evaluation criteria and milestones, and direct and/or play a key role in proposal and other contract acquisition tasks."

Stewart has a comprehensive background in corporate planning and development. Prior to joining Librascope he was a Senior Product Manager at Hughes. While at Hughes he was instrumental in the company being awarded major systems contracts in various aspects of weapons, navigation, and information processing systems development. He was also responsible for planning joint venture efforts with foreign firms.

Before that he was with Xerox, where he was Manager of Marketing.

He received a Bachelor's degree in Science and Engineering from the U.S. Military Academy, a Master's degree in Management and Finance from USC, and has a Law degree from Southwestern University School of Law. He has also attended management courses at Texas Christian, Harvard, and Ohio State University.

For a Safer Holiday . . .

The December holiday season, while replete with the pleasures of a joyous period, also is a season of high accident hazards and, to help reduce the accident potential, the National Safety Council has issued a series of suggestions on greater holiday safety both in driving and in the home.

For holiday safety at home, make certain that all toys purchased for children are safe . . . incapable of causing shock, fire or explosion. Also assure that toys purchased for toddlers cannot be swallowed, either whole or in part.

Trimming Christmas trees and preparing the holiday meal can both be disastrous if precautions are not taken while using ladders and while cooking.

In your holiday driving . . . drive defensively . . . observe the speed limits, and don't drive if tired or if you've been drinking! REMEMBER more than one-half of all traffic fatalities in December involve drinking drivers.

ALSO REMEMBER . . . the six hours of Christmas Eve are the most

deadly period of the holiday, with the hourly rate for fatal accidents approximately five times greater than for the balance of the holiday.

Affirmative Action Program At Librascope

"The Company is again stressing its Affirmative Action Program and encouraging employees to explore training opportunities to prepare themselves for promotional opportunities and/or move into more non-traditional roles with respect to females and minorities," said Rusty Durham, Equal Employment Coordinator.

"It is hoped that more females will be encouraged to enlist in technical and mechanical training programs."

As an added incentive, the Company's Educational Reimbursement Program has been modified to cover 100% of tuition, and full cost of books and laboratory fees for anyone enrolling in an electronics program at an approved trade school or community college. In addition, completion bonuses will be provided to stimulate continual participation as reward for accomplishments.

"Anyone who successfully completes the educational requirements of an Electronic Technician program is guaranteed a technician position," continued Ms. Durham.

"Again, it is our goal to recruit from within the Company first before going to the outside, with the end result of changing the ratios of males to females and whites to minorities in certain job families."

Ms. Durham is available on a fulltime basis for career counselling and inquiries regarding the Company's Affirmative Action Program. She can be reached on X-1204.

Paychecks Available During Shutdown

Employees who have a need for their payroll checks for the week ending December 28, may pick them up from Timekeeping in the Finance Department, Building 3, on Wednesday, December 31 between 8:00 a.m. and 12:00 noon.

The usual distribution will be made on Friday, January 2, for those who are working during the plant closure.

For those employees who are not working during the plant closure, the usual distribution of payroll checks for the subject period will be made Thursday, January 8, 1981.



1981 Holiday Schedule

Eight long holiday weekends in '81 . . .

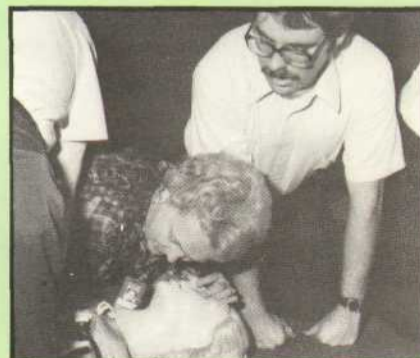
Librascope employees can enjoy eight holiday weekends in 1981. Five are 3-day weekends and three are 4-day weekends.

The 1981 Floating Holiday is combined with New Year's Day 1982, for a 4-day weekend. The other 4-day weekends are formed by holidays on November 26 & 27 — Thanksgiving, and December 24 & 25 — Christmas. The 3-day weekends are Washington's Birthday — February 16; Good Friday — April 17; Memorial Day Observed — May 25; Independence Day Observed — July 3; and Labor Day — September 7.

The full holiday schedule for 1981 (including the plant shutdown) includes:

New Year's Day — Thursday, January 1
(Plant Shutdown — Friday, January 2)
Washington's Birthday Observed — Monday, February 16
Good Friday — Friday, April 17
Memorial Day Observed — Monday, May 25
Independence Day Observed — Friday, July 3
Labor Day — Monday, September 7
Thanksgiving Holiday — Thursday & Friday, November 26 & 27
Christmas Holiday — Thursday & Friday, December 24 & 25
(1981 Plant Shutdown — Monday, Tuesday, Wednesday — December 28, 29 & 30)
Floating Holiday — Thursday, December 31

New Year's Day — Friday, January 1, 1982



Anita Hagan, Company Nurse, with class instructor Perry Christensen, on right.

CPR Class

The next Company sponsored CPR (cardio pulmonary resuscitation) class is scheduled for a 4-day period; January 21-22 and 26-27. The 10-hour course will be held from 5 pm to 7:30 pm, in the Mk 116 Conference Room, Bldg. 2.

Perry Christensen, a Market Planner at Librascope, will be the class instructor. Christensen is a Red Cross certified CPR instructor in this life saving technique.

Recent laws eliminated any personal liability towards a CPR trained individual who may lend aid in a cardiac emergency.

Interested employees should contact the Nurse, Anita Hagan, on X-1240, before January 9. There will be a \$3 fee for course materials.

**Have a
Safe and Happy
Holiday!**

Libravets

August-September . . .



Les Bentley
35 Yrs.
Systems Engr.



Frank Copple
30 Yrs.
Mfg. Engr.



Ted Donley
30 Yrs.
Mfg. Engr.



Juanita Robinson
25 Yrs.
Final Assy.



Kody Pappadato
20 Yrs.
Finance



Bill Brockway
20 Yrs.
Field Service



Katherine Milano
20 Yrs.
Records Control



Adeline Golden
20 Yrs.
Adjusting



Virginia Beach
20 Yrs.
Adjusting



William Barnett
20 Yrs.
Field Service



Glenn Frain
15 Yrs.
Systems Design



June Pratte
15 Yrs.
Print/Repro.



Lawrey Chapin
15 Yrs.
Systems Design



Norris Guy
15 Yrs.
Logic Design



Harold Ferguson
15 Yrs.
Test Equip/Design



Sonia McNair
15 Yrs.
Stores



Della Wilson
15 Yrs.
Shipping/Recv.



Joseph Collin
15 Yrs.
Purchasing



MaryAnn Hutnick
15 Yrs.
Purchasing

Not pictured:

30 Yrs. — Wallace Tyler
25 Yrs. — Clarine Miller
20 Yrs. — Mary Heathman, Marianna Anderson
15 Yrs. — Stella Whitaker

More Libravets:

5 Yrs. — JoAnn Binns, Regina McGinley, Nikola Kronic, Walt Newcomer, Stephen Cotton, John Amatuzzo, Joan Wilkinson, Marshall Ameen, George Djurkowitsch, Larry Heller

October-December . . .



Ed Heminger
30 Yrs.
Model Shop



James Walsh
30 Yrs.
Stores



Dave Conway
30 Yrs.
Model Shop



Frank Primozich
25 Yrs.
Engr., Admin.



Dona Filkins
25 Yrs.
Engr., Admin.



Bob Lang
25 Yrs.
Systems Engr.



Florence Mencarelli
20 Yrs.
Logistics



George Doerries
20 Yrs.
Operations



Marilyn Neary
20 Yrs.
Telecommunications



Joe Szentivanyi
20 Yrs.
Product Design



Fred Smith
15 Yrs.
Systems Analysis



Fred Bauer
15 Yrs.
Logistics

NOT PICTURED

30 Yrs. — Charles Blake, Wm. Roxbury
15 Yrs. — Wm. Parker, Webb Meese, Don Weir, Tom Maurer

MORE LIBRAVETS:

10 Yrs. — Benigno Otero
5 Yrs. — Paul Marin, Tom Charbonneau, John Hall, Arna Wenger, Ruby Norman, Mark Derksen, Wm. Alexander, Davie Henshaw, Ron Sorace, Victor Netupsky

promotions



Joe Fido



Rachelle Bryant



Stephen Evans



Judy Resh



Philip Eklund



John Mandala



Richard Wilson



Margaret Grimes



Gregory Gil



James Avera

JOE FIDO from Plant Engineering Assistant to Supervisor, Plant Engineering; RACHELLE BRYANT from Department Clerk to Receiving Follow-up Coordinator; STEPHEN EVANS from Dispatcher to Production Control Follow-up Coordinator; JUDY RESH from Department Clerk to Engineering Storekeeper; PHILIP EKLUND from Supervisor, Field Service Engineering to Manager, Combat Systems Support; JOHN MANDALA from Sr. Inventory Data Analyst to Supervisor, Stores & Dispatch; RICHARD WILSON from Automated Text Systems Specialist to Supervisor, ATPS; MARGARET GRIMES from GAE Lead to Department Clerk; GREGORY GILL from Inspector, Mechanical Receiving to Supervisor, Assembly; JIM AVERA from Group Leader to Supervisor, Photo Services.