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Volume 13, No. 7

November, 1967

Products Division:

H. F. Penfold Is Appointed General Mgr.

Hilliard F. Penfold has joined the Products Division as general manager.

According to R. W. Lee, Librascope president, Penfold will be responsible for the overall operations of the Product Division.



"He has an extensive background in corporate management, as a director of engineering and in sales management," Lee said.

Before joining Librascope, Penfold was general manager of American Machine and Foundry Company's Food Service Division at Essex, Connecticut. Prior to this position, he was director of engineering for the Tobacco Machinery Division and, before that, manager of the Electronic Systems department for the same company.

Previous company affiliations included director of aviation sales, Eastern United States, for the Collins Radio Company, New York City; and general sales manager for Servo Corporation of America, Syosset, New York.

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CHRISTINE — This child lives in a special world. To read about Christine and the others in the world of Children's Hospital, see "No Child is Turned Away..." on Page 3.

Mason Heads Charity Campaign



FOR EMPLOYEES OF LIBRASCOPE GROUP • GENERAL PRECISION SYSTEMS INC.

Aid Club and Crusade in United Drive

The Librascope Aid Club and the United Crusade of Los Angeles County will join forces November 13-17 in a week-long campaign for contributions, according to Aid Club Committee Chairman Edward U. Mason.

Mason was appointed chairman of the combined drive in an announcement last week by R. W. Lee, Librascope president.



A veteran Products Division employee, Mason is a Mechanical Engineering associate in the Experimental Lab. He joined Librascope in 1954 and has been active in Aid Club affairs. He served as Building 16 representative in 1966 and was elected chairman of the Executive Committee in January, 1967.

Goal is 100%

"We hope to top last year's campaign participation if we can," said Mason. "We know this will take some doing, but Librascope now has a reputation to maintain and we are setting our sights on 100% participation."

Librascope, last year, with pledges of more than \$22 per employee, was the outstanding per capita donor among industrial firms in the Los Angeles County United Crusade.

Total 1967 pledges were in excess of \$56,000. Of this amount, \$5000 was set aside for

Continued on Page 4



HELP WANTED—Librascope is looking for more "people like you," according to a poster Mrs. Nancy Laughlin, employee services coordinator, is pinning to a bulletin board. For a look at the many excellent job opportunities at Librascope, turn to Page 8.

Great Time Savings

Multi-Layer Circuit Board Art Work Done by Computer

Production-proven computer programs and processing techniques for design and fabrication of multi-layer circuit boards have been developed by the Systems Division, according to Jerry L. Deitz, chief engineer.

"The programs and techniques are perfected," Deitz said, "and have been effective in greatly reducing design time on large multi-layer circuit boards."

Fast Reaction

"They are ideal for prototype fast-reaction design and fabrication," Deitz explained, "at a great savings of time and design costs."

Librascope's technique, long used by the Systems Division, employs a computer programmed to process schematics or logic equations.

Uses Plotter

The computer controls an X-Y plotter which automatically produces the art work for printed circuit board masters. The company is successfully using the process for designing and producing up to 15-layer multi-layer boards.

Deitz said that additional computer programs could also

provide wire lists, parts lists, maintenance documentation and tapes for automatic hole drilling. These, too, offer great savings in time, design, and documentation costs.

Precisioners Plan Christmas Dance As Climax to a Busy Social Season

Climaxing 1967's social events at Librascope will be the Precisioners' annual Christmas Dinner-Dance, and according to Lisa Sands, chairman of the event, "This is one dance you won't want to miss."

The affair is set for Friday, December 15, in the beautiful Starlight Ballroom of the Castaway Restaurant, located in the hills above Burbank.

"We've planned a fun-filled evening," Lisa said. "There will be a 10-piece orchestra and a fabulous dinner featuring your choice of filet mignon or lobster."

Prizes and Surprises

In addition, the dinner-dance committee will present door prizes and many "surprise" attractions throughout the evening.

Arrangements for the dance began almost a year ago when the Precisioners, anticipating a larger turnout for the event this year, reserved the Starlight Room.

Tickets on Sale

Tickets will be only \$5 per person this year. The actual cost is \$8.75 per person, but the Precisioners subsidizes \$3.75 on each ticket.

The committee announced that there will be only 500 tickets available.

"With only a limited number of tickets, you may want to make your reservations early," Lisa said.

To reserve your tickets, simply contact your Precisioners building representative or call Lisa Sands, ext. 1272.

NEW

Librazette Feature

First of a series of reports on Librascope's products for land, sea, and aerospace applications. See Special Product Report, Page 10.

Editorial:

How Much Shall I Give?

Each year, when the combined Librascope Aid Club/United Crusade campaign rolls around, each one of us faces a question: How Much Shall I Give?

Then, there's the problem of fitting what we want to give with what we can afford to give. Sometimes it is hard to decide.

It's much easier, really, if there is a guide to follow and when the giving is made as simple as possible. And, that's why the "Fair Share" and pay-

roll deduction contributions are encouraged. It takes the guesswork out of giving and makes charitable contributions a simple, painless matter.

Who Decides?

You may wonder: "Who decides what my fair share should be? How do they know what I can afford?"

It's simply a matter of finding out what others, earning what you do, have been giving over the years. By comparing the giving with earning, a basis for giving was established.

At Librascope, a "Fair Share" gift is 15 minutes pay per week. When that 15 minutes pay is subtracted from each week's pay, how little it seems. But, multiply that by nearly two thousand employees and it means a better tomorrow for those in need.

Your Decision

This does not mean you are being told what to give. It is merely a suggestion to help you decide. You can give as much as you want or as much as you can afford.

How much to give? The decision is yours.

'Mac' McCarthy is Librazette's New Associate Editor

F. R. "Mac" McCarthy has been appointed an associate editor of the Librazette, according to Earl W. Erickson, director of Public Relations.



McCarthy will also continue his present activities in Public Relations as copywriter, editor and coordinator of publicity, advertising, sales promotion and related marketing support activities.

McCarthy joined Librascope in 1959 as a technical writer in the Publications Department. He was promoted in 1962 and transferred to the Quality Control Department as supervisor of Q.C. Documentation.

He spent nearly four years in Quality Control, rejoined Publications for a brief stint, then transferred to Public Relations in September, 1966.

Before joining Librascope, McCarthy headed his own advertising agency specializing in industrial accounts and general sales promotion.

He is a graduate of Syracuse University with a B.A. in Business Administration. He also studied business and corporation law at Southwestern University, Los Angeles.

McCarthy and his wife, Billie, have a son and two daughters. They live in Sherman Oaks, California.

THE LIBRAZETTE

The Librazette is published monthly by the Public Relations Department for employees of Librascope Group, General Precision Systems Inc., 808 Western Avenue, Glendale, Calif. 91201.

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★ ★ LIBRAVETS ★ ★

Roy B. Pedigo
25 Years—Aug. 6



Harlan Buseth
25 Years—Aug. 10



Charles S. Hilgert
20 Years—Sept. 9



Jessie E. Henry
15 Years—Aug. 12



Victor E. Estrada
15 Years—Sept. 15



Robert H. Eades
25 Years—Sept. 26



Paul C. Osterhout
15 Years—Aug. 12



Tony Noriega
15 Years—Aug. 13



Hugh W. Smith
10 Years—Sept. 3



Carmel J. Kirkpatrick
10 Years—Aug. 12



Betty I. Lang
10 Years—Sept. 4



George C. Manus
10 Years—Sept. 9



Ann K. Larson
10 Years—Aug. 15



Arna C. Wenger
10 Years—Aug. 17



Jacquelyn R. Stoffel
10 Years—Sept. 18



Robert A. Chambers
10 Years—Aug. 19



Gary J. Meyers
5 Years—Aug. 6



Merle S. Sims
5 Years—Aug. 13



Nancy Laughlin
5 Years—Sept. 10



Ruben A. Martinez
5 Years—Sept. 17



Ralph B. Delle Fave
5 Years—Sept. 17



Catherine E. Buchanan
5 Years—Aug. 20



William J. Walker
5 Years—Aug. 27



Robert J. Perry
5 Years—Sept. 17



Betty A. Morgan
5 Years—Sept. 24



Claudia A. Stanley
5 Years—Sept. 27



Vee H. Drigenberg
5 Years—Sept. 28



Robert A. Robinson, Jr.
10 Years—July 22

Not Pictured:

Ardell C. Newell, 5 Years—Aug. 1; William H. Kelly, 5 Years—Aug. 22; Robert S. Kostel, 5 Years—Sept. 4; James E. Daffron, 5 Years—Sept. 10, and Eleanor L. Davis, 5 Years—Sept. 26.

Bob Anderson Key Speaker for AIIE

Robert M. Anderson, director of Data Processing, Systems Division, and recently Librascope's most prolific writer, was the key speaker at the American Institute of Industrial Engineers (AIIE) short-course at Huntsville, Alabama.

Anderson's talk, presented on September 21, was titled "Organizing For Automated Data Processing (ADP)."

His featured address was so well received that it was scheduled to be printed in the Proceedings of the Society.

About 200 copies of the speech were distributed to members of the society.

Promotions for 11

Larry D. Hatch — to Supervisor, Circuit Design — Dept. 21-141.

Barbara M. Scarff — to Senior Secretary — Dept. 25-101.

Sharon Warfield — to Department Clerk Trainee — Dept. 21-224.

Ralph Woodward — to General Foreman-Assembly — Dept. 21-240.

Joel D. Hubbard, Jr. — to Manager-Production — Dept. 25-101.

Linda L. Clayton — to Secretary — Dept. 10-332.

George J. Rebane — to Engineer-Senior — Dept. 21-122.

Edwin G. Caskey — to Field Service Engineer-Senior — Dept. 21-311.

Earl S. Washington — to Technical Illustrator-Senior — Dept. 21-371.

Shirley Rosdahl — to Group Head, Production — Dept. 31-233.

Wendell G. Carpenter — to Electronic Technician — Dept. 31-261.

Librascope Authors Win Writing Incentive \$ \$ \$

The Employee Writing Incentive Program (EWIP), a company-sponsored program which provides cash awards to employees whose papers or articles are accepted for outside publication, continues to award prize money to successful Librascope authors.

Recent winners include:

*Robert M. Anderson, director of Electronic Data Processing, received a total of four awards for two papers presented at seminars and later published

in seminar proceedings.

*Pete D. Laue of Systems Division Operations, received an award for a paper presented at a seminar.

*Howard N. Shatkin of Value/Liaison Engineering, Systems Division, received an award for a paper presented to a society. When the paper is published in the proceedings of the society, he will be eligible for a second cash award.

*George J. Rebane of Systems Analysis, Systems Division, has an article before the editors of a national magazine. He will receive a cash EWIP award when the article is published.

*Al Leto of Value/Liaison Engineering, authored a paper that is scheduled for publication in the proceedings of a seminar he recently attended. He will receive an award when the paper is published.

The EWIP program is administered by the Public Relations Department and is open to all employees except official spokesmen of the company.

For information about the Employee Writing Incentive Plan and possible markets for your technical papers and articles, contact EWIP Coordinator F. R. "Mac" McCarthy, ext. 1483.

Due for an income tax refund? Why not take it in Savings Bonds — your money will grow and grow.

"GONE WITH THE WIND"

In response to employee requests, the Precisioners have scheduled another of the popular theater parties on Saturday, November 18.

The party features a perennial favorite, "Gone With The Wind," starring Clark Gable and Vivien Leigh, which is being shown for the first time in wide screen and stereophonic sound.

Showtime is 2 p.m., Saturday the 18th, at the Fox-Carthy Circle theater, 6316 San Vicente Blvd., Los Angeles.

As usual, the Precisioners are providing tickets at bargain prices.

"We have reserved 100 Orchestra seats and are offering them to employees at \$2.00 each," said Susan Stinson, co-chairman of the event.

Regular price for the tickets is \$2.55, but the Precisioners will subsidize 55c on each ticket.

For reservations, telephone Lisa Sands, ext. 1272.

Precisioners Seek Talented Tots for Christmas Party

Does your child have talent? Sing, dance or play a musical instrument? If so, the Precisioners want to know.

Plans are under way for the annual Precisioners Children's Christmas Party and, according to Susan Stinson, chairman of the event, "A children's talent recital would be a fun addition to the program."

Party Date Set

The party is scheduled Saturday, December 9, from 10 a.m. to 12 noon, at the Alex Theater, 216 N. Brand, in Glendale.

There is no charge for the event. The Precisioners subsidize the entire cost of the party.

Santa's Coming

In addition to the talent recital, there will be a cartoon show featuring many Walt Disney characters, and Santa Claus will make his usual appearance to talk to the youngsters and hand out candy canes and toys to each child, ages 1 through 14.

"We are sure there are some talented Librascope children," Susan said, "And, we are anxious to find them soon so we can begin setting up the talent program."

To register your child for the program, merely telephone Mrs. Stinson, ext. 1173.

The Children's Christmas Party is very popular, an event the children look forward to every year, so watch the bulletin boards for further details.

Happy Holidays!

Another long holiday weekend is in store for employees as Librascope observes Thursday and Friday, November 23 and 24, as paid holidays.

Thursday, the 23rd, is Thanksgiving Day. To provide an extended weekend, the Company has designated Friday, November 24, as the "Floating Holiday" for 1967.

Employees will not be scheduled for work on the holidays except as an emergency measure, according to Ray R. McDonald, director of Industrial Relations.



KELLY — With a little encouragement from Pediatric Nurse Karen Haynes, 2-year-old Kelly, born with club feet, displays a happy smile for Librazette photographer Jim Avera.

No Child is Turned Away...

by Gayle Fleming

There is a world not far from here . . . a world of children and cures, of physicians and help, . . . and the Fair Share. It is the world of the new Childrens Hospital and the United Crusade.

Childrens Hospital began in Los Angeles in 1901 as a four-bed unit located in a converted residence at Castelar and Alpine Streets. Over the years the hospital grew, and dreams of a truly up-to-date hospital facility for children grew as well.

In April, 1967, the dreams were realized when Childrens Hospital moved into its new quarters, a modern, 15 million dollar hospital complex at 4614 W. Sunset Blvd.

Private donations helped bring the new hospital to life, but, it is United Crusade donations that keep it alive for children in need of hospital care.

As one of 244 agencies receiving funds from the UC, Childrens Hospital is able to offer hope, health and life itself to every child in need, regardless of a family's financial condition.

And, at Childrens Hospital, every United Crusade dollar goes for patient welfare.

The new Childrens Hospital could well be called the largest "small scale" hospital in the country. Because here the most modern equipment and advanced technology are used to adapt the immense world of

medicine to the small world of a sick child.

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LESLIE — Thanks to United Crusade donations, Leslie, an Orthopaedic Ward patient at Childrens Hospital, will some day run and play like other children.

Blood Donations Reach 97 Pints, But Miss Goal

The Librascope Blood Bank, sponsored by the Precisioners, had a fresh transfusion on Friday, October 20.

The Bloodmobile of the Glendale chapter of the American Red Cross met the donors at the Manor House in Griffith Manor Park to receive the Librascope deposit.

The drive, though successful, was not up to expectations as only 97 pints of blood were collected. Librascope employees have done better in past drives.

"We set the goal at 120 pints to allow a sufficient reserve for all emergencies," said Librascope nurse Marge Makalonis.

"We used considerable blood this year," said Pat Hilton, chairman of the drive, "and were disappointed that we did not meet our goal."

"The next drive is scheduled in April, 1968," she continued, "I'm sure that the Librascope employees, who in the past have exceeded all quotas, will do so again."



KATHY — Born with a heart defect, little Kathy's happy smile reflects the excellent care she receives at Children's Hospital.



PRIZE WINNER — Bob Laperle, Products Division, is shown here with his prize-winning painting "Tuscany Mission," recently displayed at the Northridge Art Association "Salute to the Arts."

Oil Painting by Bob Laperle Wins 'Salute to Arts' Prize

A by-product of the Products Division may well be the artistic talents of Bob Laperle. The walls of his office display some of the many paintings he has produced since beginning art lessons last February.

Measles . . .

You Can Be Protected

There are two kinds of measles.

The American Medical Association reports that the kind of measles against which the vaccines protect is known as rubella, "common measles," or the "seven-day" or "10-day" measles, or the "red measles."

In rubella, there is a pronounced, long-lasting rash, usually associated with symptoms of illness for three or four days before the rash appears, such as fever and coughing.

The other kinds of measles, rubella, is known as "German measles," or "three-day" measles. Rubella's rash is less pronounced and there are few pre-rash symptoms. However, if a woman contracts rubella during the first three months of pregnancy, it can affect the fetus and result in birth defects.

An effective and safe vaccine is now available for rubella or red measles. It produces only a few minor reactions, but in return provides almost complete protection which may last a lifetime.

If all children between the ages of 1 and 9 who have not already had measles could be immunized, measles could be eradicated from the United States.

Penfold Appointed

Continued from Page 1

Penfold and his wife, Ruth, have a son, Hilliard, Jr., who recently graduated from St. Lawrence University, Canton, N.Y.

"Mrs. Penfold and my son will join me as soon as moving arrangements are completed," Penfold said. "We are looking forward to our new home."

Repeatedly encouraging his wife to study painting, he found himself joining her last February for a series of evening lessons at the Mid-Valley YMCA.

Prize Winner

Since that time he has produced many oil paintings ranging from bullfight scenes to peaceful country landscapes. Among his most noteworthy efforts is a painting, "Tuscany Mission," which won third prize at the Northridge Art Association "Salute to the Arts."

Laperle enjoys painting landscapes and has some definite theories on the technique.

Shadows Change

"Never work on a picture at the same location for an entire day," he advises. "Shadows change greatly hour by hour. Return each day at the same time until the painting is complete, or take a snapshot of the scene and paint from that."

Laperle's future artistic plans include a camping and painting expedition to the colorful Arizona Indian country.

Products Division Expands Marketing Representation

Marvin Glasman, Products Division Manager of Regional Sales, announced the appointment of Brooks Feeger Association of Denver, Colorado, as marketing representatives for Librascope in the Rocky Mountain area.

Charity Drive Goal is 100%

Continued from Page 1
in-plant Aid Club cases, \$6,100 was designated to specific "write-in" charities, and the balance of more than \$45,000 was designated to the United Crusade.

Proud Achievement

"Every employee can take pride in this achievement," said Mason. "But, I think we can do even better this year."

Chairman Mason explained that the Aid Club's in-plant assistance program will continue. Over the years this program has become a tradition at Librascope and has resulted in thousands of dollars in aid for employees beset by unforeseen financial emergencies.

As in previous campaigns, employees may designate a specific "write-in" charity if they wish, Mason said.

The 1968 United Crusade provides financial support to some 244 youth, health and welfare agencies throughout the communities of Los Angeles County.

Fair Share Giving

The theme of this year's campaign is "Help Mend Broken People." Employees will be encouraged to make a "Fair Share" pledge, a suggested amount based on the equivalent of 15 minutes pay per week. Arrangements have been made for payroll deduction of contributions.

"Only you can say how much you should give or how much you can afford to give," Mason said. "But I hope every employee will join me in support of this campaign. Through united giving we can lend a helping hand to thousands of people who need our help."

"Brooks Feeger will supplement our present regional offices," Glasman said, "and will increase Librascope's marketing coverage in Arizona, Colorado, New Mexico, Wyoming, Utah, Nevada and Texas."

From three offices — Denver, Colorado, Albuquerque, N.M., and Phoenix, Ariz. — all staffed with competent sales engineers, Brooks Feeger is in a position to furnish quick and competent service to Librascope customers, Glasman said.

The division's broad line of disc memories for digital computers, communication and control systems; shaft-to-digital encoders; integrators, and Librascope's Woven Plated Wire Memories for high-speed computers and other systems, will be given top sales priorities.

Governor Signs New Women's Work Law

Assembly Bill 1030, recently signed into law by Governor Ronald Reagan, revises California's 56-year-old law limiting the working hours of women.

The new law goes into effect November 8.

As a result, California women will now be permitted to work up to 10 hours a day and up to 58 hours per week.

Under the old law, women were limited to 8 hours per day and 48 hours per week.

The new law provides:

*Women can work overtime if their company is subject to the federal Fair Labor Standards Act (Librascope is).

*Women can work 10 hours per day and up to 58 hours per week.

*Women hourly employees are to receive time-and-a-half pay for hours worked beyond eight in a day, and/or beyond 40 in a week.

Librascope Engineer

David Finley is Destroyer 'Exec'

The USS Halsey Powell, a 2100-ton destroyer, had a change of command this summer. At the same time David Finley of Librascope became the Powell's executive officer.

Finley is a senior engineer in Systems Analysis and technical director of Librascope's acoustic program. He also is a Lieutenant Commander in the U. S. Navy Reserve.

Viet Nam Service

He joined Librascope in 1961 after serving four years in the Navy. About a year after joining Librascope, Finley was called back into active service for a one year tour of duty off Viet Nam, where he served as the

Combat Information Center (CIC) officer aboard the USS Marsh.

As second in command of the Powell, Finley's responsibilities are to carry out general administrative duties and supervise the crew and training routines.

He presides over officer's meetings, may substitute as commanding officer if necessary, and serves as evaluator in the Combat Information Center.

A Fighting Ship

The USS Halsey Powell has an action filled past.

The crew rescued 40 downed pilots and earned seven battle stars in the South Pacific in World War II. The Powell was

with the battleship USS Missouri in Tokyo Bay at the Japanese surrender ceremonies.

During the Korean conflict the Powell was recommissioned and earned two more battle stars. Since then the ship has been an active unit of the Pacific Fleet and is used as a Naval Reserve training ship.

David Finley is a graduate of the University of Southern California with B.S. and M.S. degrees in Mechanical Engineering. He also has a Bachelor's degree in Mechanical Engineering from Tri-State College, Angola, Indiana.

He lives in La Crescenta with his wife, Moira, and young daughter, Gillian.



PRECISIONEERS — 1967

*After a success story like this . . .
What do you do for an encore?*



The Precisioneers, who they are, what they do . . . and why, may be a puzzle to Librascope newcomers. But, any oldtimer can tell you that the Precisioneers organization is a social and recreational group made up of all Librascope employees.

In short: If you work here, you're a member of the Precisioneers and are entitled to all the benefits.

There are no dues, no meetings to attend, except for the elected Board members. The purpose of the organization, as stated in the Articles of Incorporation, is "to promote and foster a spirit of cooperation and good fellowship among employees . . . and to that end, conduct and coordinate the social, recreational and athletic activities of employees."

For example, this year the

Precisioneers had one of their most active years. Events included theater parties ("Man for All Seasons," "Taming of the Shrew," "Grand Prix," and soon to come — "Gone With the Wind," and "Camelot"), trips to professional baseball and basketball games, an Easter egg hunt for Librascope children, Catalina Cruise, a Las Vegas weekend, Disneyland Night, NBC Night, the annual employee picnic, Christmas party for children, Christmas dinner-dance, Christmas charity, and three special prize events in the Spring, Fall and Winter. In addition, discount tickets to many local events and activities are made available to employees.

Most of these activities are provided at considerable savings to employees, thanks to Precisioneers subsidies.

The organization sponsors and is, in varying degrees, a financial benefactor for many of Librascope's athletic programs. Softball, basketball, volleyball, bowling and golf teams all receive financial assistance from the Precisioneers.

The Precisioneers board also conducts Blood Bank drives and sends flowers to employees hospitalized due to illness, or when there is a death in the immediate family.

Where does the money come from?

Precisioneers income each year approaches \$7,600. This income is derived from commissions on vending machine sales, catering trucks, special prize event ticket sales and sales of vitamins.

Thus, you contribute to the organization's income every time

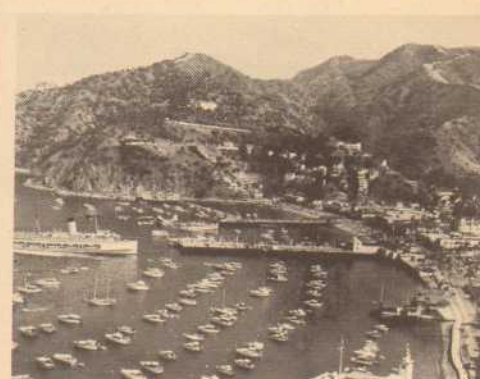
you buy a candy bar from a Canteen machine or get a cup of coffee from the cafeteria or catering truck.

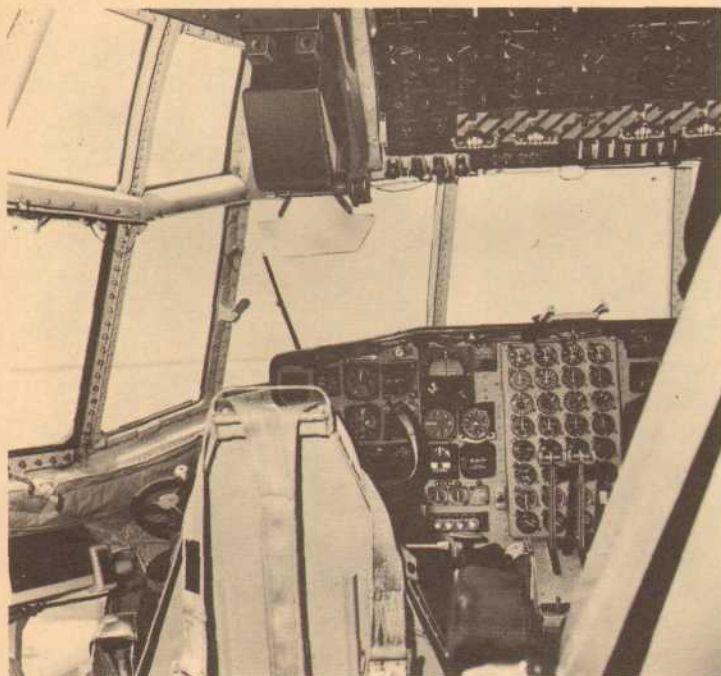
Who plans and coordinates all these activities?

The Precisioneers Board of Directors, four officers and some 18 building representatives, plan and carry out all functions. These dedicated people serve without pay, receive no tangible rewards of any kind. Theirs must surely be a labor of love. Because to provide a program of the scope and quality of the 1967 Precisioneers activities takes a lot of work, and it would seem to require a special kind of person to work purely for the interest, satisfaction and pleasure of helping their fellow employees.

Election of new board members will take place shortly after

Continued on Page 6





FLIGHT SAFETY DEVICE — The Librascope L-193 Head-Up Display, shown here in a proposed overhead cockpit installation, is a new navigation instrument designed to increase flight safety and efficiency.

Head-Up Display Called Major Flight Safety Aid

Librascope has revealed details of what is described as a major advance in the field of aircraft landing and navigational aids — a device which permits the pilot to watch his instruments without taking his eyes off the runway or other objects outside the cockpit.

The system will introduce a new era of flight safety and pilot performance, R. W. Lee, Librascope president, predicted. It is equally applicable to military and commercial aircraft.

Inner Windshield

Designated the Librascope L-193 Head-Up Display, the system superimposes in vivid color on an "inner windshield" all flight information and commands required for landing, take-offs, and other phases of flight.

Instrument readings, such as air speed, attitude, altitude, and heading, are readily distinguishable by their distinctive colors. A total of twelve may be displayed simultaneously.

Lee cited tests which show that 0.8 second is required to shift the eyes from the conventional instrument panel and refocus to outside objects. This interval introduces a serious hazard, particularly at jet aircraft speeds and under conditions of impaired visibility.

Time for visual accommodation, both to distance and to brightness, has been virtually eliminated since information projected by the L-193 is focused to infinity directly in the pilot's normal line-of-sight.

Brightness Control

Optimum intensity of displayed information is achieved by use of a bank of miniature high-power light bulbs controlled by photocells. When exterior light is high, (as would be the case when landing into the setting sun) brightness of the display is increased automatically.

During night operations, projected data is commensurately dimmed to minimize distraction from the pilot's view outside. Constant contrast is automatically maintained at all times.

Compact size of the system's three components — collimating head, adaptor and control unit — permits easy installation in any aircraft.

Reliability Assured

High reliability is assured by a built-in test set which allows the pilot to check on critical internal functions. To date, more than 1000 hours of operational testing and several hundred hours of actual flight time have resulted in no malfunctions or component failures.

The L-193 display reportedly provides a pilot sensitivity to yaw, pitch and roll several times that afforded by conventional instruments.

This increased sensitivity stems from the fact that the head-up display relays to the pilot's eyes angular indications identical to the actual angle assumed by the aircraft, rather than drastically scaled-down readings.

Precisioneers

Continued from Page 5

the first of the year and it will not be easy to follow one of the most successful seasons the Precisioneers have ever had.

But rest assured, next year's Precisioneers board will be planning quite an encore. And, if the plan is to top the 1967 effort, then the 1968 activities schedule should be a dilly.

GPE Board Meets at Librascope; Sales Record Announced

Propose to Split Stock 2 for 1

The Board of Directors of General Precision Equipment Corporation, meeting at Librascope Group headquarters in Glendale, announced that sales for the third quarter and for the first nine months of 1967 were at record levels.

At the same time, the board approved a proposal to split the Common Stock of the company on a two-for-one basis, subject to approval of stockholders at a special meeting to be held in January, 1968.

Sales Record

Third quarter sales for GPE were \$113,605,000 and net income for the period was \$4,625,000, the equivalent of \$1.03 per share of common stock.

Last year's comparable period, restated to reflect the combination with American Meter Company (GPE and American Meter merged earlier this year), showed sales of \$105,700,000 and net income of \$4,929,000, the equivalent of \$1.12 per share of common stock.

For the nine months ending Sept. 30, 1967, the Corporation had sales of \$346,041,000 with net income of \$14,688,000, equal to \$3.31 per common share. For a comparable period in 1966, pro-forma figures showed sales of \$306,599,000 with net income at \$14,974,000, equal to \$3.39 per share.

Stock Split

The Board declared its intention, if the proposed stock split is approved by stockholders in January, to declare a quarterly dividend of 20 cents per share to be paid on the split shares on March 15, 1968.

On this basis annual dividends would be equivalent to \$1.60 per share on the old shares, compared with \$1.50 in 1967.

Dividends Declared

In addition, the Board declared the following dividends:

1. A quarterly dividend of 37½ cents per share on the common stock payable Dec. 15, 1967 to stockholders of record Nov. 30, 1967.

2. The quarterly dividend of 40 cents per share on the \$1.60 cumulative convertible preference stock payable Dec. 15, 1967 to stockholders of record Nov. 30, 1967.

3. The quarterly dividend of \$1.18 per share on the \$4.75 cumulative preferred stock payable March 15, 1968 to stockholders of record Feb. 29, 1968.

The 25-man Board of Directors met October 24 at Librascope and toured both Systems Division and Products Division facilities after the regular board meeting.



Libravets Salute Librascope's 30th Anniversary

More than 250 veteran employees, spouses and escorts gathered October 8 at the Castaway Restaurant in Burbank as the Libravets paid tribute to Librascope's 30th Anniversary.

The event was the annual Libravet Party and a record 102 employees received service awards. The award winners represented 1,440 years of combined Librascope service.

"When we saw the huge list of service awards we were convinced that this would be one of the biggest Libravet parties on record," said Harry Plunkett, chairman of the 1967 party.

Librascope President R. W. Lee welcomed the Libravets and presented certificates and pins to 10, 15, 20 and 25-year service veterans.

Four 25-Year

Receiving 25th anniversary wrist watch awards were veterans Leonard Bravold, Cliff Dahl, Roy Pedigo and Harlan Buseth.

In addition, there were fourteen 20-year awards, forty-four 15-year awards and forty 10-year awards. See photos at right.

Lloyd Somerfield was master of ceremonies.

Plunkett praised the efforts of the party committee members.

"This annual event takes a lot of planning," he said. "And it took a real team effort to make this year's party such a success."

Members of this year's party committee were: Plunkett, chairman; Nancy Laughlin, recording secretary; Keith Kinnaird, Jim Norwood, Walt Newcomer, Harvey Goodwin, Leonard Ludvigson, Evelyn Bergman, Rusty Dunham, Bill Singleton and Ivan Franklin.



25 YEAR—Proud 25-year veterans, shown here with R. W. Lee, Librascope president (center), are, left to right: Roy Pedigo, Leonard Branvold, Cliff Dahl and Harlan Buseth.



20-YEAR—Employees scheduled to receive 20-year service awards in 1967 included: Charlie Bertrand, Ralph Metz, John Blake, Bob McFarlin, Mac Williamson, Bill Pollock, Woody Woodward, Lloyd Somerfield, Evelyn Bergman, Roy Dimon, Leonard Ludvigson, Fred Lenzen, Bill Singleton and Chuck Hilgert.



5-YEAR—Award winners included: Wilmor Young, Milton Schoeneck, Ole Linsley, John Anderson, Charles Carroll, Theodore Smith, Ruth Kennerknecht, Carl Long, Tom Davis, Ed Pusi, Louis Burry, Ted Maggio, Lois Biggie, Mary Butler, Bert Elder, Helen Palmore, Helen Perez, Doris Eberle, Adolph Bart, Ed Stanek, Leone Sahl, Joe



Freiberg, Robert Neilson, John Stieber, Charles Greenwood, Bob Williamson, James Wilson, Ed Claunch, Jerry Sikora, Jessie Henry, Paul Osterhout, Tony Noriega, Vic Estrada, Robert Eades, Evie Manning, Dave Wallen, Dick O'Connor, Helene Whitt, Cleo Moore, Mary Stroud, Ruth Lantrip, Buzz Newman, Thomas Madera and Dorothy Sherwood.



1-YEAR—Award winners included: Thomas Netterfield, George Plate, Al Sanborn, Elise Collaraffi, Damon Thomas, Evelyn McDonald, Henry Hamlin, Bob Megee, Chuck Brennaun, Harry Medenbach, Jim Norwood, Ginny Rapa, Ken Burton, Tony Myrlyn, Ernie Hood, Rusty Dunham, Mary Katras, Lester Kruger, Fay Meyer,



Howard Stahle, Mickey Vasquez, Herman Graff, Bob Robinson, Carmel Kirkpatrick, Ann Larson, Arna Wenger, Bob Chambers, Hugh Smith, Betty Lang, George Manus, Jacquelyn Stoffel, George Ring, Jerry Ziger, Marjorie Kelleher, Joe Schlegel, Herbert Menzel, Connie Negri, Ted Myer and Bob Wright.

Third Quarter ZD Winners Announced

Systems Div. Wins RR and Group Awards

Ted Embree's Customer Service and Repair Group, Systems Division has been named winner of the Zero Defects Group Performance Award for the third quarter of 1967, according to Harlan Buseth, chairman of the ZD Executive Committee.

The winning group's goal was to reduce delinquent shipments. This was accomplished by reducing the backlog from \$444,575 to \$74,773.

"Your performance was selected as the most outstanding accomplishment by a goal group during the third Zero Defects quarter," Buseth said in a letter to Embree.

Embree's group previously had won the ZD award for the month of August. As third quarter winners, the group is now eligible to compete for the semiannual award.

Roadblock Removal

A third quarter award for the best Roadblock Removal suggestion goes to Warren E. Douglass, a leadman in Systems Division Subassembly.

Douglass' idea, which previously won the July Roadblock Removal award, was to fabricate a test set that used a reference encoder for comparison with an encoder under test, to detect errors.

Monthly Awards

The Systems Division's Expediting Group, headed by Carl Culver, won the ZD Group Performance Award for September by reducing invalid back orders from 4.5% to 1%.

An invalid back order is an order for a part that is no longer needed to complete the assembly for which it was ordered.



QUARTERLY AWARD — Winner of the Third Quarter Zero Defects award for outstanding group performance was Ted Embree's Customer Service and Repair Group. Left to right, top row, are Conrad Valenzuela, Dick Hannahan, Tony Noriela, Sam St. Clair; second row: Jerry Carlson, Ben Sanders, Art Robledo, Bill Newman; and front row: Viola Taylor, Cleo Moore, Lilian Houchin, Oliva Ballesteros, Ed Tracey, Ted Embree, and Ralph Hoffman. Not present: Ruth Gurriel, Art Donofrio, Kathy Giles, Russ Tegler.

Co-Winners

Del McGrath, of Systems Division Engineering Administration, and Tom Mattingly, of Group Security, teamed up to win the Zero Defects RR award for August.

Their suggestion was to print Confidential and Secret documents on different colored paper to emphasize the classification. The colors suggested were: green paper for Confidential drawings and factory acceptance test books, and salmon paper for Secret documents.

There was no Roadblock Removal award during the month of September.

Monthly award winners receive framed award certificates for their efforts. Quarterly winners receive certificates and are guests of the Company at award luncheons. Semiannual awards are U.S. Savings Bonds.

Employment Office Lists Many Job Opportunities

"Librascope has many excellent job openings and we would like to fill many of them through employee referrals," said Lee C. Kelley, manager of Employment and Training.

The need is urgent in some areas, according to Kelley.

"If you have a friend or neighbor you would like to recommend, obtain a referral form from the Employment Office and fill in the necessary information," he said.

Current job opportunities at Librascope include:

SYSTEMS DIVISION

ENGINEERING

Engineers and Senior Engineers for:

1. Underwater Acoustics — Technical Planning and Advance Development. Requires B.S. in Physical Sciences and experience in underwater acoustic detecting and tracking systems.

2. Systems Analysis, Simulation, and Evaluation — Analysis, Simulation, and Evaluation of ASW Systems. Prefer control theory, statistical design, system simulation, or test planning and data analysis. Requires B.S. in E.E. or Physics.

3. Systems Analysis and Preliminary Design — Analytical and preliminary design of ASW weapon control and data acquisition systems. B.S. in Engineering or Physics required. Prefer M.S. with 5 years project experience in ASW Systems.

4. Optical Design — Original optical designs for alignment devices and weapon sights to Mil. Specs. lens and mirror, light transmission and gathering qualities of multiple lens systems desired.

Mathematician and Senior Mathematician.

1. See Systems Analysis, Simulation and Evaluation.

Technical Programmer.

1. Fortran and machine language programming of ASW fire control systems. Diagnostics and design automation background is desired. Requires B.S. in Math or E.E. with two years programming experience.

ADMINISTRATION

Engineering Planner — Experienced in project scheduling, PERT, manpower forecasting and budgeting. BA in Business desirable.

Program Analyst — Develops integrated systems networks for PERT and other management systems. Analyze reports and computer outputs to identify problem areas. Provide facts, conclusions and recommendations for solutions.

Cost Accountant — 1-2 years in cost accounting and a knowledge of ASPR and other government contract requirements. Degree in Accounting or Business Administration.

ENGINEERING MFG. SUPPORT

Methods Analyst — Electrical — To write manufacturing procedures for

electrical cable harnesses and circuit board assemblies. Two or more years experience.

Methods Analyst — Mechanical — To write operation sheets for the sequencing of manufacturing mechanical parts. Must have numerical tooling background.

Quality Control Engineers — Three years electro-mechanical hardware experience and BS degree.

Value/Liaison Engineer — Experienced in electronic circuits and systems. BSEE degree required.

Field Service Engineers — Four years Navy Fire Control experience preferred. High School education. Ability to travel for extensive periods.

Installation Engineers — Assist in preparation of instructions for field modification of Librascope Fire Control Equipment. 3-6 years experience in adjustment assembly and disassembly, maintenance and testing of Fire Control Equipment and related instruments.

Customer Training Instructor — Write instruction manuals, conduct formal classes in theory, operation and maintenance of complex weapons and computer systems. Should have military or trade school electronics background relative to digital/analog computer systems. Instruction background highly desirable.

Sr. Technical Writer — Prepare publications for advanced Navy Fire Control systems. Writers also needed to prepare programmer reference manuals and related publications for support of Digital Systems. 2-4 years experience required.

Packaging Analyst — Support new business efforts by: providing estimates of packaging labor requirements, provide packaging data information for use in parts delivery. Prepare sketches of new package designs. High School education required. Minimum one year's experience in drafting/illustrating and lettering. Must have knowledge of military packaging requirements.

MANUFACTURING

General Assembler Electrical (GAE), Final Assembler, Computer Technician, Component Technician, Jig Mill Machinist, Jig Bore Machinist, Stenographer, Secretary, Spares Coordinator and Design Draftsman.

PRODUCTS DIVISION

ENGINEERING

Staff Physicist — To establish disc plating operation for high performance disc characteristics. Will serve as consultant for Engineering Manager to the Research and Manufacturing Department. Requires BS or MS in Chemistry or Physics.

Staff Engineer — To set up programs to design and produce magnetic recording heads and recording media systems. Requires BS or MS in Engineering and at least five years of related experience.

Continued on Page 12



ROADBLOCK REMOVAL — Winning top honors for Roadblock Removal during the third quarter of 1967 was Warren E. Douglass, leadman in Systems Division Subassembly. Left to right, Don S. Mann, foreman of the Function Test Area, Douglass, and Cesar Goldstein, general foreman of Subassembly.

Virgil Herald is Moderator for Security Seminar

Virgil Herald, Librascope Security Manager, participated in the 13th Annual Seminar of the American Society for Industrial Security at the Ambassador Hotel, Los Angeles, Sept. 12-14. More than 600 industrial security personnel of industry, U.S. Government and NATO guests from Canada and Europe attended.



HERALD

Herald was moderator during the second day while three speakers spoke on "The Application of Business Principles to Building and Managing a Security System."

Principle speaker at the seminar was Dr. Cyril J. O'Donnell, Librascope management consultant, who is Professor of Business Organization and Policy at the University of California, Los Angeles (UCLA); and Chairman, Management Theory Division, Graduate School of Business Administration. Dr. O'Donnell presented "Basic Elements of Business Management."

Also on the program were A. C. Laubach, Security Manager, Western Electric Company, Inc., New York, N.Y., and Dr. C. L. Hughes, Personnel Director, Texas Instruments, Inc., Dallas, Texas.

"These seminars are a valuable source for the latest techniques in plant security as well as efficient operating procedures," Herald said, "our group is conscious of Librascope's excellent security reputation, and we welcome the opportunity to learn of new security developments."

Employees View Cancer Films

More than 400 Librascope employees viewed two educational films last month presented by the Movie Mobile of the Los Angeles Chapter of the American Cancer Society.

The films, each 10 minutes in length, stressed the importance of regular and complete physical check-ups in cancer prevention.

The Cancer Society movie mobile is a self-contained projection unit mounted in a traveling van. The unit visits industrial sites throughout the state presenting its movie message in the crusade against cancer.

Librascope was one of several Southern California companies to preview this "first" in public education programming.

Thanksgiving can be more meaningful — if you have a nest egg of U. S. Savings Bonds and Freedom Shares.

PEOPLE... in the NEWS



1967 FIRST-HALF DONATION — John Gloyd, left, Librascope Aid Club Treasurer, presents a check for \$25,000 to L.A. County United Crusade representative Robert L. Berg. The check represents employee donations during the first half of 1967. Total contributions for the year are expected to exceed \$40,000.

Stormo Appointed Eng. Manager Of Airborne Optical Systems

Milo (Mike) E. Stormo has joined Librascope Group of General Precision Systems Inc., as engineering manager of airborne optical systems of the Systems Division.



STORMO

According to H. J. Pinczower, product engineering manager, Stormo will be responsible for the engineering aspects of Systems Division's head-up displays, pilot sights and other related airborne optical systems.

Stormo has a background of 16 years in avionics systems engineering and optical systems.

He was formerly with the research and development firm of E. H. Plesset Associates, Inc., Santa Monica, where he worked on the development of reconnaissance systems using lasers and optical systems, and integration of classified weapon systems.

Prior to his Plesset association, Stormo was with Litton Industries, Woodland Hills, where he was manager of Customer Support on the inertial navigator for the F-104, F-4C, P-3A and F-111 aircraft. Before that he was associated with the Hughes Aircraft Company, Culver City.

Stormo is a graduate of Augustana College, Sioux Falls, South Dakota, where he majored in physics and mathematics. He has taken graduate courses in engineering physics at South Dakota State College; digital computers at UCLA, and business organization and management at Texas Christian University.

Stormo and his wife, Claryce, with their four sons, live in Granada Hills, California.

Ruth Lantrip Named Sub-Assembly Foreman

Ruth Lantrip has been named Foreman of the Sub-Assembly area, second shift, according to an announcement by Les L. Hey, superintendent of production, Systems Division.

In her new position she will serve as foreman of sub-assembly, module wiring, and module check-out, reporting to Cesar Goldstein, general foreman.

Mrs. Lantrip came to Librascope in December, 1952. Her first position was at the burr bench where she later became lead. She has also been mechanical inspector, dispatcher, and production control follow-up.

Promotions for Three Production Men

Other promotions announced by the Systems Division production superintendent include:

*Charles A. Blake, former Model Shop methods analyst, to foreman of the Model Shop.

*Ralph Woodward, from foreman of the Model Shop to general foreman, Circuit Board production.

*William A. O'Mara, former general foreman of Circuit Board, to industrial engineer in Production Engineering.

Blake and Woodward will report to Hey. O'Mara will report to Frank T. Copple, manager of Manufacturing Engineering.

Donna Williams Heads Precisioneers Board

Donna Williams, former vice president of the Precisioneers, is the new president of the employee recreation group.

She succeeds Nancy Laughlin, who resigned the position after being named management advisor to the Precisioneers board.



Mrs. Williams, an employee since 1961, has been active in Precisioneers functions for two years and served as chairman of the 1966 Christmas Dance before being elected to vice president last January.

The new president is a secretary in Mk 48 Contracts, Bldg. 5. She attended Glendale College and Valley Junior College, and worked as a secretary at McKenna Co., Inc., St. Louis, Mo., before joining Librascope.

Her term of office will extend through February, 1968.

Mrs. Williams resides with her husband, Brad, and young daughter, Dana, in Sun Valley.

10 Perfect Years For Kirkpatrick

August 12 was a very special day for Carmel Kirkpatrick, secretary in the DCASD office.



The date not only marked Miss Kirkpatrick's 10-year service anniversary at Librascope, but, according to her supervisor, Art Steiner, "Ten years of perfect attendance, no tardies, and not a day without her security badge."

Simple Secret

Ask Miss Kirkpatrick her secret and she offers a very simple explanation: "I walk to work. It keeps me fit and I'm never made late by traffic tie-ups."

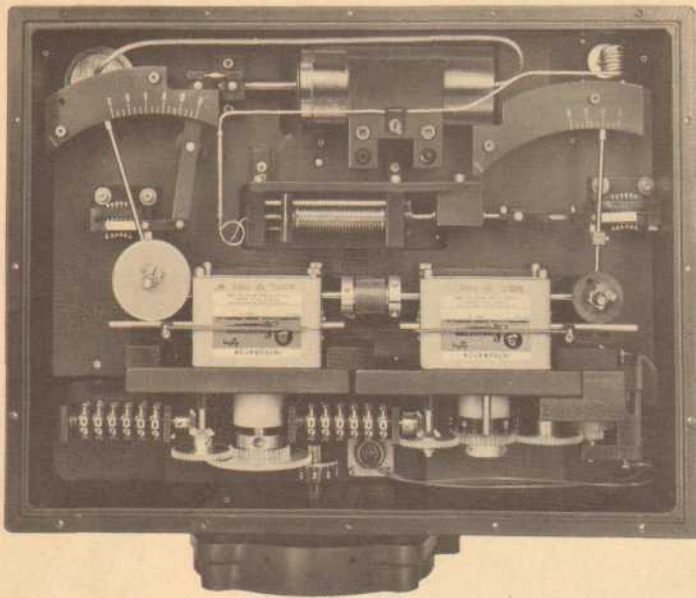
She has another feeling about not forgetting her security badge.

'My Contribution'

"Before coming to Librascope, I worked at the Pearl Harbor Naval Shipyard where security badges are also important. To me," she said, "remembering my badge is my contribution to national security."

Steiner, commenting on Carmel's outstanding record, said he believes August 12, 1977 might reflect another 10 perfect years.

The cash value of Series E and H U. S. Savings Bonds outstanding is now more than \$51 billion.



L60-1 FLOW COMPUTER

Special Product Report:

Flow Computer is Another Important Librascope Product

by "Mac" McCarthy

Most Librascope employees are aware of the antisubmarine weapon-control systems and memory systems that are designed and produced by either our Systems Division or our Products Division.

These products have a certain "glamour" and much news interest, therefore they are usually well known to the employees. But, Librascope manufactures other products that are just as important and news worthy in relation to the specific needs they fulfill.

Each month we plan to bring you news about little known Librascope products. That is, little known within the employee group, but well known by our customers all over the world.

As an example, have you heard of the L60-1 Flow Computer? The L60-1 is produced by our Products Division. The L60-1 is a mechanical computing device which accurately measures on-line gas flow under varying conditions of pressure and temperature. This is no mean accomplishment when you realize the variability of pressure and temperature that can be encountered in a gas line.

If you remember your science courses, gases expand or contract when temperature changes go up or down, thereby affecting their volume. Gas pressure can fluctuate up or down, thereby affecting the cubic feet measurement.

The L60-1 Flow Computer automatically measures all these constantly fluctuating variables of pressure and temperature, and computes the gas flow with an accuracy better than one per cent.

So, the next time you light a

Series E United States Savings Bonds now pay 4.15 per cent, when held to maturity of 7 years; their companion Freedom Shares pay 4.74 per cent, when held to maturity of 4½ years.

gas appliance, think a moment. Somewhere along the gas line there may be a Librascope L60-1 Flow Computer, monitoring the gas flow, to assure that you get a fair measure of gas for your service charges.



SING-OUT — Kathy Tracey, Librascope department clerk, shown above at microphone, performs for a youth center audience. Below, Kathy tells why she takes part in youth chorus activities.

'Sing-Outs' Reflect Ideals Of Youth, says Kathy Tracey

Kathy Tracey, department clerk, recently attended the World Sing-Out Festival, an international gathering of 30,000 young people at David's Island, New York.

"The Sing-Out is an international organization of youth choruses," explained Miss Tracey. "Sponsored by the Moral Re-Armament movement, their songs express a renewed patriotism, brotherhood, and faith in the future."

As a member of "Sing-Out

Savings Bond Sales Soar; Participation is Up 13%

Librascope's company-wide U.S. Savings Bond drive, held September 18-20 at the Glendale plant, was an unqualified success, according to the campaign chairman, C. F. "Chuck" White.

Total employee participation reached 57%, up 13% from pre-drive totals, and a new high at Librascope.

1,142 Participants

"At the close of the drive, some 1,142 employees had signed up for Savings Bonds," White said. "Their combined bond purchases amount to \$5,404.78 a week. That's well over a quarter of a million dollars in savings per year."

Leading in participation were Systems Division Engineering, with 78%; Librascope Group, with 63%, and Systems Division Manufacturing, 58%.

Freedom Shares

Of the total participants, 546 purchased the new Freedom Shares in addition to Series E bonds and 108 employees increased their bond purchases during the campaign.

The Librascope drive was part of a national effort by General Precision Equipment Corporation companies.

"The excellent response to this year's bond drive can be attributed to the common sense approach to savings on the part of those who signed up, and to the energetic work of the cam-

paign solicitors," White said.

"I think we all can be justifiably proud of Librascope's showing," he added.

Dear Precisioneers

PLEASE ACCEPT MY THANKS for your thoughtful consideration during my hospital stay. MRS. WALTER BENNETT.

THANK YOU EVER SO MUCH for the lovely flowers. PAT DOYLE. WHAT A WONDERFUL SURPRISE to wake up and see your beautiful flowers. SANDY VOLK.

YOUR SPECIAL THOUGHTFULNESS is truly appreciated. MRS. LYLE CRAWFORD.

THANKS EVER SO MUCH. The flowers are very much appreciated. LOUISE KILLIPS.

THANK YOU ALL for the lovely plant I received while in the hospital. MRS. JOHN ERICKSON.

THANKS TO THE PRECISIONEERS for the beautiful orchid for my retirement. CATHERINE UNDERWOOD.

FOR YOUR KIND THOUGHTS and consideration during my hospital stay, thank you. DARRELL CONNERTON.

A THANK YOU for the good wishes and cards. BUZZ NEWMAN.

THE FLOWERS WERE LOVELY and so was the thought. DAVIE HENSHAW.

YOUR THOUGHTFUL BOUQUET was just lovely. BETTY SHIVERS.

THANKS FOR THE BEAUTIFUL FLOWERS. We appreciated them so much. MR. & MRS. FRANK CHAMBERS.

ACKNOWLEDGING WITH GRATEFUL APPRECIATION your comforting expression of sympathy. NELLIE MOORE.

TO THANK MANY PEOPLE for the flower plant I received in the hospital. JOHN M. SALZER.

I AM SO VERY GRATEFUL for your thoughtfulness. Sincerely, MRS. ARTHUR P. BROWN.

WORDS CAN'T EXPRESS the pleasure your flowers brought. EDITH HIDVEGI. THANK YOU AGAIN. I do so appreciate your flowers. SYNNOVE HETLAND.

I WISH TO EXPRESS my appreciation for the lovely floral piece to all the kind and considerate people in the Engineering Services Group, the Library Staff and Reproduction Services. JOE MERCHASIN.

THANKS . . . for the beautiful flowers. They were my favorite colors: #3 and #4 with a lovely #3 ribbon in a #5 bowl. It helped chase away the hospital #6's. TWILAH LEE BILGER.

TO SAY how nice you've been, and then to tell you thanks . . . and thanks again. FRED KILLIPS.

THE AUTUMN flowers were gorgeous. NANCY WEAVER.

OUR SINCERE THANKS to all for the flowers and cards sent to us after the death of our dear husband, father, grandfather and brother. May God bless you all. MRS. EUGENE LINGFORD, FAMILY AND RELATIVES.

THE BEAUTIFUL FLOWERS sent in remembrance of my father were greatly appreciated. Thank you so very much. EVELYN SCHAFFER.

THANK YOU for your thoughtfulness and kind expression of sympathy at a time when it was deeply appreciated. ALICE BRANNON and SONS.

Dr. Fresh Chairs Program at IEEE Chicago Meeting

Dr. Donald L. Fresh, manager of the Advanced Technology Center's Physical Research Department, was chairman of the Semiconductor Integrated Circuits Program at the recent National Electronics Conference in Chicago, Ill.

The conference was sponsored by the IEEE and various universities in the mid-west.

The program chaired by Dr. Fresh included papers presented by leading authorities on semiconductors and covered recent advances in the field.

This was the third time in recent months that the Librascope scientist has been asked to serve as chairman at an IEEE function.



STUDENT TOUR — Visiting students of Millikan High School, Long Beach, are shown a circuit board assembly by James H. Gilliam, general foreman of Adjustment, as the students tour the Systems Division production area.

High School Students Tour Glendale Plant

Observing industry in action and surveying occupations and opportunities at Librascope recently were 18 students from Millikan High School of Long Beach, and their instructor, Kenneth L. Mueller.

The students, all members of an experimental vocational class sponsored by the U.S. Office of Education, toured the company as part of a class survey encompassing 30 of the largest and most successful Southern California companies.

Tour arranger F. R. "Mac" McCarthy, of Public Relations, welcomed the visitors to Librascope and provided each student with brochures describing Systems and Products division operations.

The student tour began with a visit to the Systems Division Engineering department, conducted by Jerry Deitz, chief engineer. The visitors then were conducted on a tour of the Logistics and Publications departments by Bruce W. Luther, manager of Field / Customer Service, and Richard E. Wilson, supervisor of Military Graphics.

The tour concluded with a visit to the Systems Division's production area where John D. Gloyd, manager of Planning and Coordination, and James H. Gilliam, general foreman of Adjustment, described various production and assembly activities.

California CU League Elects New Officers

Three Librascopers Win Positions

Annual elections of the San Fernando Valley Chapter of the California Credit Union League show three Librascope employees elected to offices.

Buzz Newman of Systems Division Finance, the outgoing chapter president, was elected to a two year term of office as Governor - at - Large; Dorris Eberle, manager of the Librascope Employees Credit Union, is the new chapter historian, and Bob Nelson, Systems Division Purchasing, was re-elected for a one year term as Legislative Information Secretary.

The California Credit Union League, with a membership of 90 credit unions, functions to improve the efficiency and effectiveness of employee credit unions and their directors.

The three Librascope officers represent a combined total of 28 years of service as members of the LECU Board of Directors and California Credit Union League.

**United
Crusade**

The Russell Report

by Jerry Russell

Softball, Roundball and USC's Irradiant, Ironhanded Irishman



An avalanche of angry mail cascaded upon our worthy editor protesting the absence of the Russell Report from the last issue of the Librazette. Strangely, *both* letters bore postmarks from Reseda, the location of my digs. Actually it was vacation time when the last issue went to press.

The Precisioneers Softball team closed out a successful season with a fine second place finish. Under the capable direction of Manager Paul Lough, our guys gave it a battle right down to the finish. In a hectic dash to the wire we were nosed out in the next to last game of the season, finishing one game behind league winning Magnolia Park Merchants.

Contributing in large measure in this exciting race were ... second baseman Tom Smith, who wound up with a hefty .326 average and perennial 300-hitter John Guarino, who chipped in with a classy .310.

Also weighing heavily was the dangerous-hitting Bob Perry who led the team in runs batted-in. Congratulations on a great showing fellas. "Wait'll next year".

Turning now to Basketball, our Precisioneers team is looking forward to another banner year, and according to Coach Vince Garguillo, "we're looking to repeat our championship of last year."

The team will probably be moved up in class, stepping into the fast-paced "B" league.

"The competition in this league is rugged, but we feel we can meet the challenge and with the right support we'll make a lot of noise around the league," Garguillo said.

Practice sessions have already started and so far the Coach likes what he sees. He stresses, though, that all positions are wide open and he wants to fill them with the best talent available. If you have any basketball ability and want to join a fired up bunch of eagers, get on down to these sessions.

Practices are held two nights a week: Monday, 7-9, at Eagle Rock H.S. (Girl's Gymnasium); and Tuesday, 5:30 to 7, at Eagle Rock Recreation Center.

Assistant Coach Dick Regan can fill you in on any other details. Call him on ext. 1758.

I just witnessed a horrible show on TV. It was a thing called the game of the week, featuring a football match between the University of Southern California and Notre Dame.

It was a sad day, indeed, for the Irish as they were done in by an authentic Irishman, USC's Adrian Young, of Dublin, Ireland. This "foine" broth of an all-American linebacker spearheaded a powerful Trojan defense as they held Notre Dame to one tainted touchdown in a 24-7 rout.

In addition to his normal duties of plugging up holes in the line, young Adrian picked off 4 enemy passes.

Being a long time Notre Dame fan, I thought it ironic that this irradiant Irishman's irate ironhandedness rendered the Irish irreverently and irrevocably irrational.

As far as I'm concerned, the football season is now officially over.

Encoder Brochure Much in Demand

"I'm happy to announce," said Walt Rochette, Products Division manager of Encoder Marketing, "that our Encoder brochure seems to be a 'best seller'."

The brochure recently went into its second printing after an initial press run of 5,000 copies in April, 1967.

The 20-page brochure is beautifully printed in four colors. It describes how encoders are constructed, shows many of the more than 200 models produced by the Products Division and explains encoder applications in industry and defense.



WINNING TEAM — A.I.R.C. Bowling Team Captain Dick Kennerknecht accepts the American Industrial Recreation Council bowling tournament Challenge Trophy from Precisioneers President Donna Williams. The trophy represents Librascope's third consecutive tournament win. Team members, left to right, are: J. Allan Crisman, Jason Nakashima, Angelo Leo, Ed Veesart, Kennerknecht and Paul Lough. The Librascope team bowled the highest tournament game in A.I.R.C. history.



Tee-off time for the 1967 Librascope Golf Tournament, held September 18 at Ojai Country Club, found some 89 golfers blindly groping for golf clubs in a pea-soup fog.

But the fog cleared by 9 a.m. and the tourney was conducted as scheduled with Fred Holmes, Ted Embree, Joe Freiberg and Gus Montes winning top awards.

Holmes won the President's Cup with a low net score of 65 (92-27). Runners-up were Walt Newcomer, second low net, and Ed Nomme, third low net.

The Precisioners Trophy went to Ted Embree (78) for 1st low gross. Runners-up were Carl Culver, second low gross, and Jim Drugan, third.

Freiberg won the "Ed Sullivan Award" trophy and Montes received the tournament "Duffers Award."

Trophies were presented at a banquet held in the Ojai club house after the tournament. Awards were also presented to the Golf Club's 1967 League Play winners.

League Play winners:

Group 1—W. Newcomer and P. Prager.
Group 2—F. Yapp and F. McCorkle.
Group 3—A. Brown and S. St. Clair.
Group 4—M. Ferry and C. Krone.
Group 5—S. Ericsson and D. Kenner-knecht.
Group 6—J. Long and D. Armando.
Group 7—R. Maas and F. Scholnick.
Group 8—J. Freiberg and E. Nomme.
Group 9—J. Grieshaber and R. Erick-son.
Group 10—F. Holmes and W. A. New-man.
Group 11—G. Nash and B. Kopp.
Group 12—H. Klein and D. Basaker.
Group 13—R. McFarlin and D. Saboe.
Group 14—J. Van Hoose and T. Luby.

Librazette Goofs!
Misses 25-Yr Vet

The Librazette goofed!

When the employee news-paper ran photographs of the March Libravets (March 23 issue), one person was inadvertently over-looked.

That person is 25-year Li-bravet Leonard Bravold, who celebrated his silver anniver-sary with the Company on March 10, 1967.

To make up for this error, it is fitting that we singularly honor Mr. Bravold at this time.



The World of Childrens Hospital

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Incorporating a futuristic floor plan, bright and spacious patient's rooms encircle a central nurse's station. Air conditioning maintains a draft-free, dust-free atmosphere in rooms and corridors alike.

Special Equipment

Special equipment, designed to serve the needs of tiny patients, is in use throughout the hospital.

X-Ray machines are built to compensate for the excessive movement of children; closed circuit television aids in staff diagnosis sessions, and electro-writers, pneumatic tubes and

conveyor belt systems help make certain that any request for supplies, medicines or equipment is only three minutes away from the patient.

Electric Trays

There's no stinting on food either. Quality is high, quantity is ample. And, it is delivered on electric food trays that maintain the temperature (both hot and cold foods) of meals.

Patients from five-minutes-old to 17 years of age arrive by car, ambulance or helicopter (landing on the helipad on the hospital roof).

No child is ever turned away.

The next child to arrive at Childrens Hospital could be yours, or the child of a friend or neighbor. Perhaps you may also have need of one of the services provided by another of the United Crusade's 244 member agencies.

For these reasons your United Crusade donation is vitally important. It could even be a matter of life or death to a child who seeks help in the world of Childrens Hospital.

Mixed - 5 League Bowling Begins

The new season has begun for the Librascope Mixed-Five Bowling League. Officers have been elected and ten teams have been formed.

Officers for the season are Pat McMann, president; Bruce Luther, vice president; and Peg Bishop, secretary-treasurer.

The Mixed-Five league bowls each Tuesday evening at 6:15 p.m., at Grand Central Bowl. Teams are filled but for those who wish to participate, the league has 20 openings for substitute bowlers.

To be placed on the substitute list, contact Peg Bishop on extension 1413 or come to the Grand Central Bowl on Tuesday night at 6:00 p.m.

Employment Needs

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Senior Engineer — To design and specify magnetic recording heads for rotating memories. Requires BS in EE or Physics and two or more years related experience.

Circuit Design Engineers — To perform circuit design and electronic engineering for rotating memories. Includes utilization of integrated circuits and performing necessary check out. Requires BSEE and three years engineering experience.

Logic Design Engineers — To design logic subsystems for rotating memories and data recovery systems. Requires BSEE and three years engineering experience.

Mechanical Engineers — To perform packaging design and/or mechanism design for rotating memories and related subsystems including any necessary analysis due to structural, vibration or thermal problems. Requires BSME and at least five years mechanical engineering experience.

ADMINISTRATION

Contracts Administrator—3-5 years contracts experience associated with electronics or aerospace industries. BA degree desirable.

A seat belt
can wrinkle
your dress.

A windshield
can wrinkle your face.



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