

Society Thanks Employees For Aiding Handicapped

(Ed. Note: The following letter expresses the gratitude of the Glendale Society for Crippled Children for the contributions of Librascope employees to the Christmas Card Charity fund. The recipient of the letter—Don Bourquin, contracts—was the chairman of the 1956 fund committee.)

April 8, 1957

Glendale Society for Crippled Children

Dear Mr. Bourquin:

I am speaking for each crippled child, through you, to each member of your organization to say—"thank you sincerely."

Your nagnanimous gift to the Glendale Society for Crippled Children—for two Scholarships — plus the many pieces of equipment on the priority list for our school for the handicapped is truly a tribute to our American principle of brotherhood.

We are happy, in the name of the Society for Crippled Children, to accept this gift and pledge to you our sincere effort in seeing that it is used wisely and effectively.

The Scholarship papers are being prepared and application blanks will be printed. It is our wish that you be one of five on the Selection Committee. We shall keep you informed of our progress.

Again a personal "thank you" for your part and deep appreciation to your organization.

Very sincerely,
MARY INGLEDUE (Mrs. E. M.)
Field Worker



THE LIBRAZETTE cameraman records a historic moment in Librascope history as Mk 5 assemblers prepare to send the last of a long line of attack directors on its way to Adjusting. From left rear are Rosa Morrison, Ralph Johnston, Ed Stanek, June Carlson, Leone Sahl, John Jacobs, Ramona King, Iva Pate, Reba Dement, Therese Johnson, Ruth Lantrip. Front row (l. to r.) Mary Barnes, Art Sagar, Dorothy Gifford, Evelyn Robideau, Arlene Hesse and Trent Albizati.

(Photo by Duggan)

Last of Mk 5 Attack Directors Leaves Assembly for Adjusting

Members of the Mk 5 assembly line could be pardoned if they looked down at the mouth a couple of weeks ago.

They had just said "good bye" to the last of a long line of old friends and sent it wheeling on its way to Adjusting.

When Ed Stanek tightened the final cover bolt that April 3 morning on what will probably be the last Mk 5 Attack Director built by Librascope, it marked the end of an era.

During the more than six years that it has been in production, the Mk 5 has been the mainstay of Librascope manufacturing operations.

The several hundred instruments that have rolled off the assembly line have meant millions of dollars to the Company and have provided vital components for our national defense.

But to the men and women who assembled the Mk 5, it was more than just a mass of gears, syn-

chros, integrators, linkages, and a half hundred other components designed by Librascope engineers to solve complex fire control problems. It was their baby.

The Company will design and build other attack directors, but none will ever replace the Mk 5 in the hearts of the assemblers who labored so long and diligently over its intricate mechanisms.

Trent Albizati, who supervises Mk 5 assembly operations, is justifi-

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Don't miss Librascope's "You and Your Future," broadcast Monday through Friday at 6:55 a.m. over radio station KABC.

Early '56 Accidents Spoil Librascope Bid for First Place in Safety Contest



MEMBERS OF the Workmen's Safety Committee display the second place plaque awarded to Librascope by the National Safety Council for the year 1956. Holding the award are Nurse Mary Snyder and Pauline Ponnish. Behind them from the left are Gordon Pickell, Walt Sertic and Max Goshkin. (Photo by Duggan)

The four disabling injuries Librascope employees suffered early in 1956 were four too many when the first place awards in the Eighth annual Business and Industrial Safety contest were passed out March 20.

For the second year in a row, Company safety committeemen attending the awards banquet at the Ambassador hotel had to settle for a second place plaque.

Safety Representatives

The committeemen were Herb Darby, assembly, and Lloyd Somerfield, machine shop, representing the Supervisors' Safety Committee; and Gordon Pickell, machine maintenance, and Max Goshkin, toolroom, members of the Workmen's Safety Committee.

Librascope's 1956 disabling accident frequency rate of 1.90 per million man hours worked was less than half that of the third place company but was slightly higher than our 1955 rate.

The divisional winner, however, didn't suffer a single disabling accident during the year, duplicating the performance of the 1955 first place finisher.

Perfect Records

Of the 413 companies in the area who participated in the 1956 contest, 71 had perfect records. The disabling injury frequency rate for all contestants was 5.98, marking the first time in the eight years of the contest that the rate has dropped below six.

We can equal the record of the 71 accident-free companies this year if we continue our safety performance of the past 10 months.

Reports submitted to the Industrial Safety Division of the Greater Los Angeles Chapter of the National Safety Council show that not a single lost time accident has occurred within the Company since May 2, 1956.

Walt Sertic, who heads up the Librascope safety program; Company Nurse Mary Snyder; and the members of the Safety Committees all know we can keep this fine record going if we continue to think "Safety" and act "Safely."

GPE Report Reveals Sales Up; Profits Down

The preliminary General Precision Equipment Corporation report to stockholders echoes the general 1956 corporate trend toward increased sales and decreased profits.

Combined sales of all GPE companies were up 15 per cent (to a record \$153,261,864) from the 1955 total of \$133,337,819, Hermann G. Place, GPE president, reported.

Consolidated net profits were down five per cent (to \$2,394,729) from 1955's \$2,530,758 total.

The backlog of orders held by all GPE companies reached a record breaking high during 1956 and amounted to \$167,660,000 on Dec. 31, 1956. The corresponding figure a year earlier was \$127,192,000, Place said.

The outlook for 1957 is very favorable, Place stated. New products and probable additions to existing contracts should result in higher billings throughout the year and a further increase in the backlog by 1958.

Mobile X-Ray Unit to Scan Librascope Torsos April 29

Librascope employees will have a special opportunity April 29 to help curb tuberculosis when the mobile chest x-ray unit of the L. A. County Health Department pays us a day-long visit.

The visit was arranged by Mary Snyder, company nurse, who urges that every employee take advantage of this convenient opportunity to have a chest x-ray.

Bloodmobile to Make Sixth Annual Visit To Librascope May 31

The annual call for donors to help re-fill the Librascope Blood Bank has been sounded by Plant Nurse Mary Snyder.

The Red Cross Bloodmobile is scheduled to make its sixth annual visit to Librascope May 31 and Mrs. Snyder hopes to have a full quota of volunteers ready to bare their arms and give their all for this vital cause.

The Librascope Blood Bank is another splendid example of employee teamwork and desire to help. Each year more than 100 Librascope men and women have lined up in the little park next to Building 1 to deposit their blood—blood that may mean the difference between life and death for some employee or member of his family.

The Blood Bank program provides round-the-clock protection for all employees and members of their immediate families whether they have contributed blood or not.

It gives them a priority on existing blood supplies as well as access to rare blood types not easily obtainable in times of emergency.

Prospective donors can sign up immediately with Mrs. Snyder at

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Has Added Value

The chest x-ray has an additional value in that it may point out abnormalities such as tumors and certain heart conditions, Mrs. Snyder indicated.

The mobile unit will be parked near the main guard gate and will be in operation from 9:00 a.m. to 5:00 p.m. Employees will be called by department, with Mrs. Snyder notifying the department supervisor by phone immediately preceding the time his group is scheduled to appear.

Employees are cautioned not to wear or carry any metallic objects on the upper parts of their bodies when they are x-rayed; since even foil on a cigarette package will make it difficult to interpret the x-ray film.

Results are Confidential

Results of the examination are a confidential matter between the employee and the County Health Department, from which a report of the result is mailed directly to the individual.

The mobile x-ray unit operates on a year-round basis and last year took more than 90,000 x-rays throughout the county. In addition to the mobile unit, the county

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Ideas Pay

Seven Patents Issued to Company in 1956; Earlier Ones Laid Foundation for Growth

The Patent Department announces that seven United States patents were issued to Librascope during 1956. With the exception of one patent covering the Librascope boring machine, they relate generally to computers or components of computers.

Covered by these patents are a zero indexing arrangement for sine cosine mechanisms invented by Chester Brandon; the "Baird computer" invented by E. W. Silvertooth; and a monitorial recorder

invented by Lewis W. Imm.

Other patented ideas include a sine cosine mechanism invented by William Pollock; the boring machine, a joint invention of Willard Opocensky, Harlan Buseth, and Charles Cole; the hollow shaft differential invented jointly by Everett Minard and Fred Lenzen; and a planimeter, also the invention of E. W. Silvertooth.

Congratulations are extended to each and all of these inventors by the Patent Department.

Librascope is considered to be among the most patent conscious companies in the country. This consideration is well founded in fact and is deep-rooted in the origin of the company.

In fact, had it not been for Mr. Imm's early patented inventions on the balance computer and the patents covering the Mark IV Attack Director, as well as the Mark 42, it is conceivable that Librascope would not enjoy today its present strong position in these fields.



TECH WRITERS and editors of Phil Hiner's Engineering Services group brush up on their electronic theory before plunging into the task of preparing manuals for Librascope digital computer programs. Clockwise from the left are Ed Clauch, Jim Ferguson, Fred Herbst, Charles Gilkey, Bob Fossler, Bob Duff, Charles Guran and Jim Owens. The hand holding the chalk belongs to instructor Bill Downs.

(Photo by Duggan)

Electronics Class Preps Tech Writers for Digital Work

The gradual switch in Librascope developmental engineering effort from electro-mechanical analog computers to electronic digital computers is being felt by an increasing number of departments within the Company.

In Engineering Services, for example, tech writers, editors and artists soon will be faced with the task of preparing publications describing the operation and maintenance of airborne and shipboard digital computers.

Some Basic Task

The basic assignment is a familiar one, for they have prepared scores of similar manuals on Librascope - developed instruments. The vast majority of this material, however, has described mechanical analog equipment with its integrators, differentials, linkages and gears.

Now, Publications personnel are entering a new realm where electronics is king . . . a realm that requires a new vocabulary . . . new physical concepts . . . new knowledge of an area whose boundaries are constantly expanding.

Faced with the realization that many of their people were ill-equipped to plunge headlong into the electronics field, the Engineering Services supervisors — Phil Hiner, John Laubacher, Chuck Gonia and Keith Kinnaird—decided to do something about it.

Survey Needs

First, they surveyed their needs.

The principal concern was to equip the writers with the knowledge that would permit them to grasp engineering concepts and translate these concepts into words a reader with moderate technical training could understand.

In addition, the supervisors felt the proposed course would be of greatest value if it could be directed specifically toward Librascope development programs. This would permit eliminating from the course material on such subjects as radio, television and radar.

The next step was to find a qualified instructor, preferably someone within the section. They



... Instructor Downs

had no trouble selecting their man. Tech writer Bill Downs was a natural.

Downs Has Background

Downs had served as an electronics instructor at the U. S. Coast Guard Training Station in Groton, Conn. and had taught a similar course for technical writers while at Bell Aircraft.

The final step was to obtain approval from their superiors—approval that Bill McAbey, engineering-administrative department director, quickly gave.

The course as approved called for 40 one-hour sessions to be given over a 20-week period. The first session was held March 26 with a half dozen writers, two editors and two artists in attendance.

It began simply enough, with Instructor Downs lecturing on the structure of matter.

Functions Explained

In subsequent sessions, the class will be exposed to a non-mathematical presentation of simple AC and DC electrical circuits and the functioning of common circuit components such as resistors, capacitors, inductors and transformers.

Later they will take up the functions of vacuum tubes and semiconductor and other electronic circuit elements such as flip-flops and oscillators.

The response to the course was so great that it was necessary to schedule a second section. This second class will be a condensed version of the original and will be given for publications personnel who will be working on the various manuals but who will not be working directly with the project engineers.

As now visualized, these basic electronics courses will be integrated with a basic course in digital techniques as applied to Librascope development projects.

Parts, Material Handling Program Begins to Pay Off

A substantial reduction in scrap and rework losses resulting from careless handling of parts and materials has been effected in recent months, according to the latest report of Ed Dobstaff, chairman of the Parts and Materials Handling committee.

Credit for this improved situation rests principally with the personnel concerned with parts and materials handling and storage, Dobstaff indicated.

Gain Cooperation

"Their cooperation in using the proper equipment and in carrying out the suggestions we have made assures the success of the committee's program," he said.

During the past month, new 3-tier racks adapted to parts movers' hand trucks have been provided. These racks make the mover's task easier and provide increased protection for parts in transit.

New tote trays, boxes, equipped with separators, and other containers used for transporting and temporary storage of in-process parts are in use or on order.

Added Safeguard

As an added safeguard, all parts are now packaged before leaving work areas.

Wherever possible, holding fixtures are being built to protect assemblies from damage while they are being processed.

New stands designed to hold Harness boards have been installed in Wiring. These stands hold the work at the correct working angle and can be rotated to bring any portion of the board directly in front of the harness maker.

Housekeeping in all areas is improving, Dobstaff said, and the committee will welcome any suggestions that will lead to further improvement.

Wanderaires Now Wander On Ground

The Wanderaires will do their wandering on the ground—at least for the moment—as a result of action taken at their April meeting.

Members of the Librascope Flying Club voted unanimously to dispose of their 2-place Luscombe when they received an offer for it that couldn't be turned down.

While the Wanderaires have no immediate plans for acquisition of a new aircraft, several members of the group have expressed interest in a 4-place plane.

The club recently added another name to its roster when it voted in Donald Imm, son of Librascope President Lewis Imm. The younger Imm is employed at the Commercial Division's Burbank facility.

Bloodmobile

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the First Aid office. On May 1 Precisioner department Chairmen will also begin signing up donors.

This is one donation that really comes from the heart, and the Librascope heart is tops. Let's make that 140-pint quota.

Road-eo Safety

Teen-age Driving Contest Scheduled for May 18

Teen-agers will have an opportunity to test their driving skills and knowledge and to compete for some valuable scholarships by entering the teen-age Road-eo to be held May 18 at the Glendale high parking lot.

The event is but one of many being held throughout the country to promote safe driving among young people. It is sponsored jointly by the Liberty Mutual Insurance company; American Trucking Association, Inc.; Chrysler Corporation; and the Pure Oil Company as part

Spring Dance Lures 130 Librascope Couples

The Precisioners helped usher in the spring season for Librascope employees at the first of the club-sponsored dances for 1957.

More than 130 Librascope couples attended the March 22 event at the Oakmont Country Club according to unofficial figures released by Precisioner President Jack Nelson.

The turnout for the Friday night affair was satisfactory, Nelson said, and he looks for increased

attendance at the July 13 and Oct. 12 dances, both of which will be held on Saturday night.

Practically every department in the Company was represented and, whether dancing or sitting it out, everybody seemed to be having a grand time.

Among those enjoying the music of Earl Evans and the songs of Engineering's Lynn Fortina were Vice-president and Mrs. Don Webster.



Wife of Librascope Designer To Appear in Caltech Concert

One of the Southland's outstanding string ensembles, the Carliolan String Quartet, will present a chamber music concert in Caltech's Darby Hall Sunday, April 28.

This group has as one of its members Violinist Esther Alpert, wife of Maurice Alpert, engineering-shipboard. Other members are Bernard Kendell, violin; and Abraham Weiss and Dorothy Colton, violists.

The concert, which begins at 8:30 p.m. will feature Dave Pratt, cellist, as guest artist. Admission is free.

The Carliolan String Quartet has given numerous concerts in the greater Los Angeles area, appearing in the Los Angeles County Museum and University of Southern California Evenings on the Roof series, and over Radio Station KFAC.

Last Mk 5

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fiably proud of the excellent job his people have turned in over the years.

Production costs dropped steadily. Production schedules were met and surpassed. It took teamwork—lots of it—to accomplish these things.

Quality Control . . . Production Engineering . . . Production Control . . . Assembly . . . all were vital in the Mk 5 production picture. That picture is now virtually history, but the spirit and attitude that made it possible remains.

Photo Flashes

by WALT MATUESKI

(Ed. Note: This is the second in a series of articles on photographic equipment and techniques for the amateur. These articles are prepared by members of the Shutter Clique for the benefit of fellow camera fans.)

Amateur photographers can (and frequently do) project their cherished movies and transparencies on a variety of surfaces ill-suited to the best reproduction of their work.

Bed sheets, walls, even window shades, are pressed into service by the indiscriminating amateur who may have gone to great pains to get a particular shot only to spoil it through projection on a poor surface.

The surest way to achieve the brilliance, beauty and detail inherent in a properly exposed and processed color slide or movie is to acquire a good projection screen.

The standard type used by most amateurs and professionals has a glass bead surface designed to put life into your shots. You can purchase a 50x50-inch screen of this type for as low as \$12.95.

The most widely used version is the tripod-mounted screen, which is easily set up, dismantled and stored. Table top and wall-mounted screens are also available.

When purchasing a screen, choose one that is both flame- and mildew-proof. Check it for pliability, also, for a stiff screen will crack and deteriorate rapidly.

Note too that the bead size has a definite effect on the quality of the projection—the finer the beading, the more sparkle and brilliance you will get in your projections.

The size of the room in which you will be projecting your film will normally assist you in determining how large a screen to buy. Generally speaking, however, you will benefit by purchasing a screen slightly larger than you feel you need.

For the 3-D stereo projectionists, we recommend a screen with an aluminized surface. Screens of this type are a must for stereo work and will give excellent results when used for slide and movie projection as well.

A 50x50-inch aluminized screen will cost approximately three times as much as the lowest priced glass bead screen but its extra sharpness and clarity will more than compensate for the added cost.

Camera Work Club Now on Display

Librascope Shutter Cliques held their March meeting at the home of Harold Engle, machine shop.

A portion of the meeting was devoted to the showing of slides taken by members for their Christmas holiday contest. These slides formed the basis for a discussion on the advantages and disadvantages of using filters for indoor and outdoor color shots.

Examples of the effective use of fill-in photo floodlighting in outdoor shots taken for the contest were additional subjects for comment.

The members also presented for viewing and discussion, enlargements of what they consider their best black and white photos. Many of these enlargements will make their appearance on the Shutter Clique bulletin boards in the plant.

The guest of the evening was Keith Swab, production control. He showed a series of transparencies taken with his new Voigtlander Vitessa and received the benefit of club comments on his efforts.

The schedule of meetings for the balance of the year is as follows:

Date	Home of
May 8.....	Cesar Goldstein
June 12.....	Cory Davis
July 13.....	Barbecue (details later)
Aug. 17.....	Picnic (details later)
Sept. 11.....	Ralph Woodward
Oct. 10.....	Moe Lehman
Nov. 14.....	Jim Marfine
Dec. 12.....	Harold Engle

Brides Offered April Bargains

April specials at the Precisioneer store include some outstanding buys for the June bride, says Manager Eileen Brown.

Among the bargains she is offering are several sets of Community silverplate that may be purchased on a lay away plan.

These include a 53-piece set with chest in the Twilite pattern at the bargain price of \$42.50; a 64-piece set with double drawer chest in the White Orchid pattern for \$58.50; and two 64-piece sets in the South Seas pattern for \$58.50. A \$5.00 deposit will hold any of these fine sets.

She has a Proctor toaster now marked down to \$8.97; Hallite fry pans that can be yours for just \$2.79; and Pyrex 4-cup percolators that are an absolute steal at \$1.98.

Other attractive buys include a dozen two-for-the-price-of-one Sunbeam razor deals. Purchase the man's razor and the lady's Sunbeam shaver is free.

For those who plan ahead, Eileen has an extra-special deal on four electric heaters, whose retail values range from \$25.92 to \$29.95. Her below cost asking prices are \$10.97 and \$11.97.

Welcome

Librascope welcomes the following new employees who joined us during March:

Building Maintenance
Harry Medenbach

Engineering-Airborne
George Adams—Designer
Keith McDonald—Physicist
Robert Spencer—Engineer

Engineering-Administrative
Carol Bentley—General Clerk
Falconio Carrier—
Design Checker
Bernard Fink—Design Checker
Victor Lees—Production Engr.
Harry Netter—Production Engr.
Ben Trigg Jr.—Design
Draftsman

Engineering-Shipboard
Louise Brisebat—Dept. Clerk
William Frazier—
Electronic Technician

Engineering-Special Devices
Carroll Welch—Electronic
Technician

Publications
James Norwood Jr.
Senior Technical Illustrator

Purchasing
Charles Brennaun—
Procurement Follow-up

Bulletin Board Controls Adopted

Librascope bulletin boards will provide employees with a neater and more informative medium of communication as a result of recently adopted control measures.

All materials posted on official Company and Precisioneer boards must be cleared through Joe Mesch, personnel, before posting.

All classified ad copy should be turned in to the Personnel Department where it will be prepared for posting. In order to reduce time spent posting to a minimum, this work will be done each Tuesday.

Ad copy should be submitted by noon, Monday, to permit time for its preparation.

Precisioneer Calendar

Picnic and Barbecue
Sunland Park.....June 22

Summer Dance
Oakmont Club.....July 13

Autumn Dance
Oakmont Club.....October 12

Christmas Dinner Dance
Sportsmen's Lodge.....Dec. 14

Children's Christmas Party
(to be announced)

LibraSport News

Rebuilding Job Faces Softballers As Practice Opens

The Precisioneers softball team buckled down to serious work this month as it began preparation for the 1957 season.

Reports from the practice field indicate that the team is faced with a major rebuilding job; since only five regulars from last year's squad are returning.

Veterans around whom Manager Al Akins hopes to build a winner include: fireballing Sam Houchin, who will once again shoulder most of the pitching burden; infielders Neil Hinton and Walt Newcomer; outfielder Art Moreno; and Akins, who will handle the catching duties.

The team opened an 8-game practice slate in mid-April and will begin regular season play in a Burbank Parks and Recreation department league the second week in May.

Manager Akins says the team will probably compete in the same league classification—A Major—that it did in 1956. The Precisioneer nine is currently working out on the McCambridge park diamonds in Burbank and will play most of its season encounters there or at the Olive Recreation Center.

The complete schedule of games will be posted as soon as it is drawn up and all Librascope ball fans are invited to come out and root for their hustling ball club, Akins said.

Jim Simon Uses Brother's Gun To Win Small-bore Rifle Crown

Jim Simon, field service, used a borrowed rifle to good advantage in winning the fifth annual Librascope Small-bore Rifle championship April 7.

The shoot, held while most Librascope employees were either attending church or still pounding their ears, was a nip and tuck affair through the prone and sitting position shooting.

The men were quickly separated from the boys, however, when the off-hand firing began. Simon, shooting with brother Lee's trusty piece, scored heavily here to nose out Leonard Soper, inspection, for the crown.

Engineering-airborne's Bob Bible held on for third place, while Lee Simon, engineering-administrative, finished fourth.

Conditions at the new Burbank Legion range were ideal. A slight wind, blowing toward the butts, had little effect on the accuracy of the contestants.

Rangemaster Myron Strawn, engineering-administrative, did his usual fine job of conducting the shoot.

Among the sharpshooters finishing well up in the standings were Jim Clarke, engineering-special de-



LIBRASCOPE PRESIDENT Lewis W. Imm accepts the trophy awarded to the Precisioneer basketball team, captained by Neil Hinton, production control (left), from Precisioneer director-at-large Cesar Goldstein, toolroom. Mr. Imm congratulated Hinton on the team's fine showing in its Glendale league and again expressed his appreciation for the work of the Precisioneers in sponsoring social and recreational activities for Librascope employees. (Photo by Duggan)

Girls Join Up Record Golf Field Tees Off in '57 League Play

History was made as the largest contingent of golfers in Librascope annals teed off April 15 in the first round of 1957 league play.

Among the 96 employees who have signed up for team competition this year are four lady golfers. Members of the fair sex who are out to show the men that muscle isn't everything in the game of golf are Joy Ward, accounting; Pat Swope, executive; Ruth Lassagne, legal; and Terry Buress, Burbank division.

League play between the 12 eight-man teams will continue thru Sept. 15 and will culminate in the ninth annual Librascope golf tournament at Fox Hills Country Club Sept. 22.

A variety of team and individual incentive awards and trophies will be up for grabs during the 1957 season.

Members of the championship team will receive individual trophies, and teams winning the most holes during the play periods will be awarded prizes.

Individual incentive awards will go to golfers who show the most improvement in their handicap brackets; to the golfer who shoots the best six net rounds; and to the golfer who contributes most to his team.

All trophies and prizes awarded in league competition will be purchased from funds in the golf club treasury—a treasury whose revenue is derived from membership dues.

Team play will be conducted under the auspices of the Golf Club of Librascope presided over by Bob Somerville, engineering-shipboard.

Other club officers include Carl Culver, assembly, vice-president; Don Welty, military planning, treasurer; Joe Mesch, personnel, secretary; and Committeemen Andy Lee, methods; Arnie Brown, engineering-shipboard; and Wally Jobe, Burbank division.

The executive committee calls on all Librascope golfers to help make this the finest season in Company golf history. Many players are making their debut on a golf course this year, and the committee wishes to express its appreciation for their display of interest.

Cherry Pickers Top Guttersnipes For Bowling Title

Ed Warren's Cherry Pickers waltzed off with the Librascope Bowling league championship by trouncing Jim Owens' second-place Guttersnipes in the final night of competition April 11.

The Guttersnipes, needing three points to win the crown, had their worst night of the season and dropped five and one-half points off the pace by losing four.

Third place trophies were won by the Four Hits and a Miss aggregation captained by Dick Lewis.

Presentation of trophies was made at the annual sweepstakes night April 18 by League President Warren.

Individual awards went to the following bowlers:

George Kucks, material control, for his season high individual series of 544-126-670;

Edie Wrobel, payroll, whose 530-108-638 series was high among the ladies;

Neil Hinton, production control, who rolled a 229-28-257 game to top the men;

Virginia Wall, engineering-administrative, for her high game among the ladies of 201-39-240.

Pete Mobley, payroll, was named the most improved male bowler.

Mary Godfrey, publications, received a similar honor as the most improved female bowler.



The Squire of Woodland Hills . . . Joe Riddle

Riddle Finds Sub Duty Has Its Ups and Downs

Meet Joseph E. Riddle—designer, raconteur and honorary submariner—who this month marks his eleventh year with the Company.

Riddle is a modest character who spends most of his working hours trying to fit an unlimited number of gears, shafts, clamps and assorted hardware into the limited space available in an attack director. Usually he succeeds.

He cut his Librascope design teeth on the Mk 4 Attack Director, then helped design the highly successful Mk 5.

For the past two years he has been associated with the RAT program and that association has been a memorable one.

Sub Startles Skippers

It has led to several "firsts" in his life that he will long remember. He was aboard the submarine U.S.S. RAZORBACK, for example, on that historic day in July, 1955 when the sub surfaced in Avalon bay—an event that had the small craft skippers in the area talking to themselves for days.

Riddle's contact with the RAZORBACK and its skipper, LCDR William R. Boose, (USN), began during the early days of the RAT evaluation program.

Like all good designers, Riddle is interested in learning all he can about his product and its performance.

Invited to spend a day aboard the RAZORBACK, Riddle quickly accepted. He was given a complete tour of the vessel and had a chance to discuss with officers and crew their views on anti-submarine warfare.

Love That Food

By the end of the day, he was convinced submarine duty must be just about the best duty in the Fleet—in peace time.

He had dined royally on southern fried chicken, whipped potatoes with giblet gravy, fresh frozen green peas, salad, ice cream and several gallons of that Navy staple—coffee.

He had become an Honorary Submariner and a member of the New Order of Guppy Snorkelers.

Snorkeling in a submarine was quite an experience, Riddle says. The air pressure was constantly changing and the effect on one's eardrums was similar to that felt when descending rapidly from high altitude except that it was repeated every few seconds.

Riddle renewed acquaintances with LCDR. Boose and the RAZORBACK during last fall's RAT evaluation. Once again he was invited aboard and again he chalked up a couple of new thrills.

The first came during a surfacing operation. Someone neglected to trim the bow planes properly and the RAZORBACK made like a porpoise. It emerged with a rush and a roar then plunged below the surface and headed nose down for the bottom.

Bottom Bound

Orders crackled over the intercom as Riddle, his eyes glued on a fathometer that read 10... then

15... then 25 fathoms, hung on grimly to the nearest bulkhead.

The crisis passed as swiftly as it had developed, but our neophyte submariner didn't draw an easy breath until the sub had resurfaced, the hatch had been cracked, and he was topside.

There, he was faced with a new challenge. The RAZORBACK'S skipper asked him if he would like to make a high line transfer to the destroyer hovering off the starboard bow.

"Of course, I've never tried this particular maneuver before," Boose informed him, "but there's really nothing to it."

Almost before he knew it, Riddle found himself encased in a bulky life jacket and wedged in with the skipper on the tiny bridge while the sub and destroyer crews rigged the lines between the two vessels, now about 50 yards apart.

Soon, the bosun's chair that was to carry him to the destroyer came dancing along the line. Riddle looked at the chair, then at the green water racing past the sleek sides of the sub, and some doubt as to the wisdom of the whole undertaking arose within him.

Tight Squeeze

"How do I get into that thing?" Riddle asked, as the chair thumped against the sub.

"Nothing to it," the skipper said. "Here, I'll hold it and you just ease back into it."

After several false starts, Riddle was finally able to force his way into the chair and the next instant was hanging in space between the two craft.

"That water was too cold and close for comfort," he says and he was mighty happy to feel the destroyer deck under his feet.

Nevertheless, Riddle came away with new knowledge of and appreciation for the problems of the submariner and is thankful for the opportunity that permitted him to learn about them first hand.

X-Ray

(Continued from Page 1) has six survey x-ray units located in its county health centers—one of which is in Burbank.

Free chest x-rays may be obtained at any of these centers, according to Dr. Roy O. Gilbert, County Health Officer. No appointment is necessary.

The Librazette

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26 Employees Are Promoted During March

The LIBRAZETTE congratulates the following Librascope employees who received promotions during the month of March:

Assembly

Mary Barnes promoted from Final Assembler Leadlady to Optical Technician.

Margaret Baumgarten promoted from Final Assembler to Final Assembler Leadlady.

Norma Chastain promoted from General Assembler-Electrical to Production Assembler.

Naomi Creedon promoted from Harness and Cable Maker to Production Wireman.

Ana Fontanez promoted from General Assembler-Electrical to Production Wireman.

John Jerina promoted from Harness and Cable Maker to Production Wireman.

Ralph Johnston promoted from Final Assembler to Operator-Resistance Winding Machine Leadman.

Iva Pate promoted from Wireman to Wireman Leadlady.

Helen Perez promoted from Wireman to Experimental Wireman.

Robert Rearley promoted from Instrument Technician "B" to Instrument Technician "A."

Rose Richardson promoted from Harness and Cable Maker to Production Wireman.

Engineering-Administrative

Mark Allison promoted from Engineering Draftsman to Design Draftsman.

Virginia Blakely promoted from Detail Draftsman to Engineering Draftsman.

Richard Girouard promoted from Engineering Draftsman to Design Draftsman.

Walter Komar promoted from Detail Draftsman to Engineering Draftsman.

Paul Litvinoff promoted from Engineering Draftsman to Design Draftsman.

Bruce Luther promoted from Field Service Engineer to Senior Field Service Engineer.

Wilna Onthank promoted from Engineering Draftsman to Design Draftsman.

Engineering-Shipboard

Arnold Brown promoted from Designer to Senior Designer.

Machine Shop

Judie Johnson promoted from General Clerk to Department Clerk.

Manufacturing Planning

Velma Colton promoted from General Clerk to Department Clerk.

Clinton Donley promoted from Tool Designer to Methods Analyst.

Kenneth Parker promoted from Toolmaker to Tool Designer.

Vernon Wilkie promoted from Experimental Machinist to Methods Analyst.

Sam Zarkin promoted from Tool maker to Tool Designer.

Quality Control

Leonard Soper promoted from Precision Electrical Inspector to Precision Electrical Inspector Leadman.

GPE Official Visits Company

Edward A. Link, recently named Director of the Office of Operations, Forward Planning and Coordination for GPE Companies, was an April 17 visitor to the Company.

He spent the day conferring with President Lewis W. Imm and other top Librascope officials on various aspects of our operations.

Link, vice-chairman of the GPE board of directors, is also the founder and board chairman of Link Aviation.

Hermann G. Place, GPE president and board chairman, has named two high-ranking officials in the GPE organization to serve as Assistant Directors of the Operations office.

They are Wladimir A. Reichel, senior vice-president - engineering of GPE, and Dr. Raymond L. Garman, executive vice-president and technical director of General Precision Laboratory.

April Libravets



RECIPIENTS OF 5-year Libravet pins and Librascope Service Award certificates during the month of April include (l. to r. from top) James Clarke, engineering-special devices; Helen Perez, model shop; Elizabeth Eyraud, assembly; Wayne Harrison, model shop; Adolph Bart, machine shop; Dorris Eberle, Credit Union; Arlene Hesse, inspection; and Howard Klenske Sr., model shop. Camera-shy Therese Johnson, assembly, also received her 5-year pin and certificate this month.

(Photos by Duggan)

Toastmasters Host Wives, Install Officers at March 20 Meeting

Librascope Toastmasters managed to get in the last word for a change when they hosted their wives at the annual Ladies' Night meeting March 20.

More than 50 members and guests attended the event which coincided with the group's semi-annual installation of officers. The evening provided the ladies with a first hand view of their husbands' Wednesday night activities, and they enjoyed themselves thoroughly.

The installation ceremony saw Don Knox, purchasing, take over the presidential gavel from Walt Sertic, personnel; Dana Nixon, accounting, replace Norm Stevens, contracts, as educational vice-president; and Ray McDonald, personnel, assume Knox's administrative vice-president's chair.

Other changes included Glen

Seltzer, personnel, succeeding Bill Bell, accounting, as club treasurer; Bill Bietsch, material control, installed as secretary for Bill Greer, office services; and Charlie Cole, manufacturing planning, taking over Jack Nelson's sergeant-at-arms duties.

The ceremony was concluded with the presentation of a Past President's pin to Sertic, the retiring president. The presentation was made by the immediate past president, Art Pederson, production control.

The Librascope Toastmasters' Club is open to all male employees. Anyone interested in improving his public speaking and developing a sense of ease before an audience is invited to contact Ray McDonald, personnel, for additional details on club activities.