

New Building Is Pride of Librascope

LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

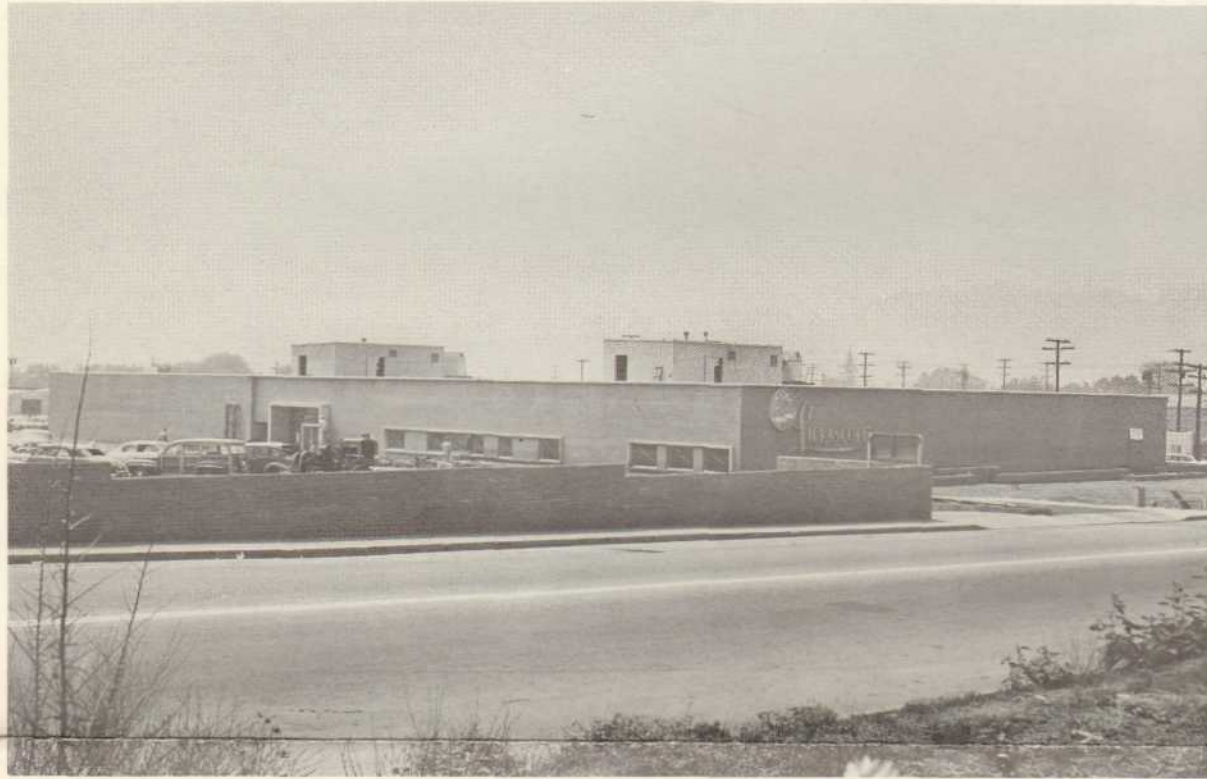
Volume 2, Issue 8



Published By
LIBRASCOPE EMPLOYEES
GLENDALE, CALIFORNIA

August, 1954

A New Home at Librascope



Picnic Committee Promises Day of Fun & Frolic

It will be stupendous, colossal, and breath-taking. It will be the greatest picnic ever sponsored by the Precisioneers.

The committee, headed by "Tommy" Thompson and including Cesar Goldstein and George Henderhan, have done the impossible. They have arranged for a private park, games, fun, sports, refreshments, etc., that should guarantee the success of the affair for you and your family. Admission will be by I.D. badge.

California weather being what it is, come prepared for a day in the sun and fun. Just bring yourselves, your bathing suits, and your lunch.

The picnic this year will be held at the Mountain Oak Picnic Park in La Crescenta. The date is September 11, starting at 10 a.m. and continuing until 6 p.m. There will be maps and more detailed instructions posted on the bulletin boards as time approaches.

For the children there will be pony rides, chair plane, Toonerville Trolley and Merry Go Round. In a special kiddies area there will be swings, slides, teeter, etc. And to make sure that every parent will have an opportunity to join in the festivities, arrangements are being made for child care while you while away your time.

And what is a picnic without the traditional games and races, so well enjoyed by all — child, youth and adult? To make certain that every Librascope and his family will get the maximum pleasure, the Precisioneer committee has arranged for a professional game director, a man employed by the Burbank Recreation Department.

The big feature to many will be the swimming in the Crystal Pool.

Another big feature you will enjoy will be the challenge playoff between the Stalwarts and the Precisioneer ball club.

Soft drinks, beer, popcorn and snow cones will be on the house. Your picnics are sponsored by the Precisioneers, financed through your participation. See you there.

Aid Club Names 5 New Members

With the completion of its first year as an active organization at Librascope, the Aid Club last month elected five new members to replace outgoing employees.

Roy Dimon, George Morrison, Ruth Lantrip, Carl Doolittle and Leo Heinz were chosen to represent their groups. Don Schofield, of assembly, was elected to replace Jerry Ott. Ott resigned because of his transfer from assembly to electronics. Notices have been placed on all bulletin boards, giving the names of all members, and the departments they represent.

It should be remembered the financial report that has been posted covered a 10-month period only, as deductions did not start until September of 1953.

Members of the club are reminded that they may at any time request that their contributions be allocated to an organization of their choice. This will be of great assistance to the committee.

The outgoing members join with all other employees in wishing the new committee a successful year. The aim of the club for the coming year is 100 percent membership.

Ann Soper has finally persuaded her husband, Leonard, to become a member of Librascope. Leonard is well known to many company employees for his TV repair work.

Plans Being Set For Open House

With completion of the new building in the immediate future, plans are being made for a dedication and an open house celebration in September.

Plans call for the dedication to be held Friday, September 1 sometime during the late afternoon which will enable employees to attend. The dedication will be limited to employees and others who have been invited to attend and participate in the dedication. It is planned that the dedication ceremony will last approximately an hour. On Sunday, September 19, all company facilities will be opened for employees, their families, and invited vendors, customers, and others who do business with Librascope. Plans also include the publication of a special issue of Librazette during the month of September dedicated to the new building and the open house.

Dividend Declared

The Librascope Credit Union got off to a healthy start by declaring its first dividend, which amounted to six percent per annum. Half was payable on June 30 and half will be payable on December 31.

The dividend is added to each share account rather than through cash disbursement. Hereafter, dividends will be declared once each year on December 31, which is the end of the Credit Union's fiscal year.

Modern Design Revealed In Construction Features

All Librascope employees have been following construction of the new building with intense interest during the past several months. By the time this paper reaches you, the long-awaited move should have been made, and executive and engineering personnel will be luxuriating in the new quarters.

Valley Firms Meet To Form Committee

Members of the various employee clubs of a majority of firms in the valley met to discuss feasibility of a valley-wide coordinating committee this month.

Bob Jewett was asked to act as chairman, since Librascope more or less gave birth to the idea. The major firms represented, such as Lockheed, gave spark to the meeting by describing some of the limitations due to the vast number employed. Lockheed's representative stated that a wholesale service such as Librascope gives its employees would just about break every merchant in this area. When one stops to think of the great number of families living from the proceeds of retail stores sales he will know that we who have access to wholesale merchandise are a chosen few.

Many of our activities, in the past, have been curtailed or postponed by the unavailability of accommodations in parks, halls and grounds because others wish the facilities and have prior reservations. The coordinating committee can forestall a lot of the uncertainty by maintaining a calendar of events for the year. This should prove to be a boon in many ways. One of the most obvious is the harmony of the participating recreation club activities throughout the year. Another is the tremendous bargaining power coincident with this consolidation.

The meeting determined that the proposed committee would be beneficial and should be drawn up, members appointed and a chairman chosen. A curriculum will be planned and people appointed to handle problems of various phases.

Further discussion and work will be accomplished in a meeting to take place soon. Further news and more detail will be printed in the next issue.

Hastings to Manage Plant in Minnesota

Dick Hastings, Librascope personnel director, has been appointed to the position of general manager of Librascope's newly acquired subsidiary, the Minnesota Electronics Corporation.

M E C is primarily a development operation which has designed and developed a computer component known as a decision element. These elements are magnetic in nature and have excellent potential as either components or complete systems in themselves.

Hastings will be going to St. Paul sometime in September and promises to keep us posted as to the activities of Minnesota Electronics Corporation.

Farm Life Sounds Fine

Buster McKinney, leadman in the model shop, has left Librascope after four years to go back to the farm.

Mac has moved his family lock, stock and barrel up to Oregon. He and his brother are buying a dairy farm, and plan to start with a herd of 140 cows.

Most everyone knows what the building looks like, and appreciates the many advantages but there are many details connected with the construction of the building we think might be of interest, which are not so well known.

For instance, the building rests on what the building trade calls cussions. These cussions are concrete pillars which rest deep in the ground and were poured with the earth as a form. That is, the holes were dug and the iron reinforcing rods were set; then concrete was poured in to make a solid pillar, well supported by the ground itself.

The lower walls were then poured by using steel forms made up of steel plates which interlock. (It is said that the great Ben Franklin was the inventor of these plates). After the concrete has dried, the plates are easily removed, and can be used again.

This type of foundation was used because of the nature of the terrain and the size of the outer walls. The soft earth would give otherwise, and walls soon would be cracked and unsound.

Brick of two types was used to form the outer walls. One type is large and coarse appearing, and is known as "common" brick. The second type is used for decorative effect, and is known as "Roman" brick. The latter was used on the face and planters, which were nearing completion at press time.

Between the outer and inner faces, which comprise one wall, is reinforcing rod, interlaced and tied into the two faces of brick. The small space between them is then poured full of concrete. This method of construction is specified by the local building code to prevent collapse in the event of an earthquake.

The massively constructed arch at the main entrance to the plant is composed of one solid block of concrete, reinforced with heavy steel rods. This strength is needed to support the glass, which will be placed in this arch. The glass could not be subjected to the slightest twist or torque without the possibility of dangerous fracture.

The mosaic which is seen in the main lobby is called "Terrazzo," and has been known for almost as many centuries as there is evidence of man's inhabitation of the earth. The Italians are the recognized masters of this beautiful art, and the work is done today almost exclusively by Italian craftsmen.

The design formed by the delicately tinted stones is, of course, the Librascope symbol. The walls of this attractive lobby are covered with paper, and the rest is painted.

A good feature of the lobby is that personnel are not forced to sign in, or even pass through, as there is an entrance right next to it which is more convenient. A guard occupies a space just inside this second entrance, to provide the necessary security.

The sign which ornaments the front of the building is of an indirect neon tube type—attractive when illuminated.

Not many employees will be clambering around the roof of the new building; however, it also is of interest because of the three penthouse-type structures which house the air-conditioning and heating equipment. This air-conditioning unit, made up of six, 30-ton York compressors is capable

(Continued on Page 3)

New Building, Song, Animals Make Busy Life for Cliff Dahl



Now that attention is focused on our imposing new brick edifice on Western Avenue, what could be more timely than a little information concerning the man largely responsible for coordinating the planning, Building Engineer, Clifford E. Dahl.

Large and affable and with a ready smile, Cliff was not always thus. As a matter of fact on the 19th day of June in the year 1918 in Sioux City, Iowa, he was extremely small and complaining bitterly; although, a welcome visitor to Mr. and Mrs. L. S. Dahl of that city and formerly of Norway.

He was preceded by one brother and one sister and escaped being the youngest in the family by the later arrival of two sisters. Events progressed normally until 1924 when on a sudden impulse, the elder Dahl sold his business in Sioux City and decided to pursue the cabinet making trade in California.

Arriving safe and sound, the family settled in a small village of about 3200 population, surrounded by orange groves, vineyards, and sage-brush — a little place called Burbank, the original home of Librascope, and now a city of some 90,000 people.

The area then abounded in small game—rabbits, squirrels, coyotes, bob-cats, skunks—and furnished a happy hunting ground for Cliff and his friends.

Cliff went through Burbank grade schools and Glendale Junior College, where he was a member of Gamma frat and the swimming and football teams. He then journeyed to Pullman, Washington, for a couple of years at Washington State where he joined the Kappa Sigma frat and pursued his football and swimming while majoring in veterinary medicine.

Leaving school, he married Miss Betty Donahue of Burbank, a childhood sweetheart and well known to many of the Librascope "old timers", and later opened an animal hospital in Palm Springs. He subsequently joined the Public Service Department of the city of Burbank as a lineman.

Clamoring up and down power poles late at night was not our Clifford's chief joy, and as a result he searched elsewhere for employment, Librascope to be exact. After celebrating the Fourth of July (perhaps recuperating on the fifth), he joined the assembly department on July 6, 1942, where none other than Herb Darby held sway, even in that ancient day.

In June of 1944, shortly after transferring to Production Control, Cliff left for a stint in the Armed Forces, the 4th Division, 2nd Battalion, Company of the 25th Marines. He attended a Marine Corps special weapons school for infantry weapons, was stationed on the island of Maui in the Hawaiian group, and hit the beach of Iwo

Jima.

He fared well for two weeks but his luck ran out, and he was caught by shrapnel and rifle fire, some of which he carries to this day in his neck and head. You've heard the slogan, "Join the Navy and see the world"? Well, our Cliff has a slight twist to this phrase, something like "get a hit in the head and see all the hospitals in the world", for upon being wounded he was:

sent aboard the hospital ship USS Solace
transferred to a hospital in Guam for 10 days
transferred to a converted troop carrier hospital ship
sent to a hospital in Kwajalein
sent to a hospital in Saipan
sent to a hospital in Tinian
sent to a hospital in Ulitlin
sent to a hospital in Johnson
sent to four different hospitals at Pearl
sent to a hospital in San Francisco
sent to San Diego Naval Hospital
sent to Balboa Park Hospital, San Diego

and finally discharged in 1945 after being through (count them) 15 fracture factories. Incidentally he is one of but three survivors of his company at the Iwo beach.

Cliff returned to Librascope in November 1945 to the production control department, and until his appointment as building engineer, has divided his time between production control and engineering. He founded what is now our release or parts listing group while with engineering, and in 1951 was appointed department head of production control.

Cliff is known as an energetic, hard working fellow with a host of friends, and, as he works, just as energetically does he enter into fun. He loves parties, as does his very charming and personable wife who enters into the fun as readily as Cliff and, it is said, sometimes monitors the target and range of Cliff's large blue eyes. Reputedly he has a great "barber shop quartet" voice which he modestly disclaims, although his daughter, Darlene, 15, bears out the story by her musical inclinations, being a talented songstress and accordionist.

A sturdy trencherman, Cliff at one time was known as "the gentleman farmer of the San Fernando valley", a fine method of putting fresh meat on the table and incidentally, merchandising a few choice cuts to friends. He is fascinated by animals and guns and has done a lot of hunting and a great deal of target shooting.

So, when you move into the new

Ed Sullivan Cops Top Golfing Prize

Ed Sullivan, methods, proved himself master of the scenic Fox Hills Baldwin Golf Course recently as he bested a field of more than 50 Librascope golfers to capture the President's Cup.

In taking the first golfing prize of the year, and one of the most coveted, Sullivan, long an enthusiastic and competent linksman, came in with a low score of 65. The President's cup, donated by Mr. Imm, Librascope president, is awarded for the lowest net score.

The most surprised winner of the day was Paul Osterhaut, company truck driver, who—despite a painful and bandaged foot—came in with a neat 102 to take honors as low gross whiffer. (Low score with a handicap of better than 30.)

The blind bogey (the score you think you will get before play begins) was taken by Carl Culver, golf committee chairman. Culver received a round of boos and cat-calls when he was forced to announce that he had taken this prize.

Everyone entered in the tourney received a prize, due to the efforts of Marsh Cowan and Norm Nelson purchasing, who gathered the prizes to be awarded.

All contestants gathered in the clubhouse following the tourney to enjoy a steak dinner. After dinner and the announcement of the winners, each golfer choose his prize.

The Calcutta Playoff will be held in the near future to determine the final winner. Times for this playoff will be posted on the bulletin boards. The first flight will be matched as follows. Numbers indicate respective handicaps:

Kenny Gowan, 18, vs. John Grieshaber, 19.
Bob Berg, 16, vs. Bill Roxbury, 22.

Carl Culver, 13, vs. Melvin Lindahl, 20.
Bill Bratton, 17, vs. Bert Haber, 19.

Ed Sullivan, 12, vs. Arnie Brown, 20.
Bill Singleton, 16, vs. Chuck Keesling, 23.

Bill McAboy, 14, vs. Frank Copple, 21.
Glen Seltzer, 19, vs. Bill Brown, 23.

Following the clubhouse dinner and the chosing of prizes, the auctioning of the Calcutta players took place, with Norm Nelson acting as auctioneer. This was the final event of the evening.

Snapshot Contest Discussion Held

The Librascope Shutter Clique held its July meeting in the home of Harold Engle. A discussion of the club's snapshot contest for all Librascope employees brought forth several constructive ideas.

Exposure meter control was the topic of a lecture delivered by W. Matneski, covering the photography field in color and black and white. As an assignment, members were requested to pair off and take shots of different activities.

Due to the vacation period, the next meeting was postponed until August 11. The meeting was to be held at the home of R. Woodward, in Burbank.

Note to all contestants in the snapshot contest. A certificate for the winner in each classification in the amount of \$10 will be redeemable at the Precisioneer Store for or toward purchase of merchandise. Classifications are, scenic, sports, children at play, animals, and human interest.

These prizes donated by the Precisioneers are for the best black and white pictures. Read the rules for your snapshot contest on the bulletin boards; then enter the contest and go after one of these awards.

building, give a nod to Clifford Dahl for a job well done, and to a man who has worked hard to help make Librascope what it is today.

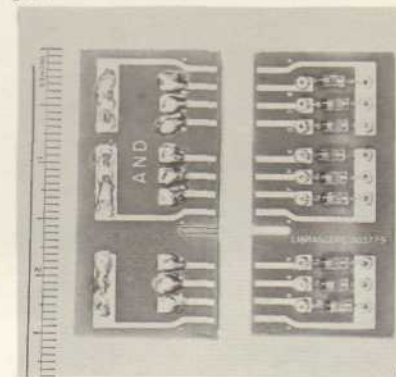
By Jay Wiltzie

New Process Camera Cutting Time Needed to Produce Printed Circuits

Just about everyone has seen the small "cards" which the model shop has been installing in great quantity in various units. These cards carry a complete electrical circuit on their two sides. Wiring is "printed" in much the same manner as making photographic prints on silk-screen posters.

This circuitry enables many savings in size, time and cost as soldered connections are reduced to a minimum and the entire set of "wires" lies flat against the board. The use of printed circuitry requires none of the usual great amount of wire, with its bulky insulation and difficult placement, or "dressing."

In the past Librascope has made many printed circuits. Some have been made in the plant, and others have been produced by photographic houses. Those made in the plant were limited by lack of adequate equipment, and a time factor hampered the company when outside vendors were doing the job.



A "card" is a sheet of phenolic-fiber, reinforced plastic, approximately .06 thick, with a copper coating bonded to the surface of the plastic. The "printing" actually forms a protective coating on the copper, whereas the exposed copper is etched away in the proper pattern, leaving "wires" of copper between round dots.

These dots later have a hole punched through them, and an eyelet fastened through. This connects both sides of the card, if the circuit provides a connection, and provides a convenient soldering terminal for interconnecting tubes and other components. Small paths of copper lead from the circuit to the bottom of the card to form a male plug, which, when inserted into a receptacle, allows current to flow in and out of these cards, thus connecting them to the complete circuit. After the proper pattern is achieved on the card, it is plated with a highly conductive metal and punched, eyelets attached, wires, tubes and other components fastened on.

The primary stage of manufacture is the important part to Librascope. To achieve the dimensional correctness, which should be in the neighborhood of .005 of an inch to assure the linear coincidence of one side to the other of a card and also achieve proper proportion of lines and spaces, (electrically important) extreme care must be exercised to obtain accurate reproduction of the engineering master pattern.

The most economical method, in the past, has been to make an oversize master which is photographically reduced to provide clarity and accuracy of lines. A positive film is made from the first negative, by contact printing, and it is in turn transferred to a silk screen tissue which is light-sensitized, exposed, developed, then washed to produce a negative on the silk through which the "cards" may be printed. The silk screen prints both sides of a card at the same time. The cards are then etched, plated and cut in half to be finished as previously described.

These processes are quite time consuming, and materials used are costly when one considers that sometimes only one or two cards are required to determine the practicability of a circuit design.

A process camera was purchased for better control of size and quality and also conveniences. After much searching and inquiring, The Process Laboratory chose a process camera made by Merrit Lacey Corporation and described as the

"Lacey-Luci, Jr." (affectionately known as "Lazy-Lucy" in the lab.)

The camera also boasts of its appearance, for its frame sits at an angle with the copy-board end resting on the floor. This places the focal plate (or viewing screen) at an extremely convenient angle for the operator.

The camera also boasts of its own lights in the form of four adjustable reflectors, hinged glass faced copy board, automatic timer. The special pressure back for holding film and screens eliminates the need for a vacuum frame on the camera. The entire camera is metal and takes only 30" by 68" of floor space. The lens used is an enlarging Raptar, 210 mm, f/4.5, 4 element, color and anastigmat corrected with a reduction factor of 400 percent or enlargement of 400 percent made by Wollensak of Rochester, New York.

The focal plate will allow use of an 18" by 24" sheet of film which is the same size as our present centrifuge (coating) tank, vacuum frame and plating tank (all used in printed circuitry).

The purchase of this new camera enables us to avoid time consuming delays caused by sending work outside, and our own time in producing cards will be reduced by quite a bit, since it is possible to use a direct process of coating the copper-clad phenolic with a light sensitive material made by Dupont. Exposure, developing and etching the copper are all relatively fast as compared with the procedures described earlier in this article.

The camera seems to be well suited to our present requirements, and because of its compactness, versatility and utility, it should prove to be an extremely fine investment.

Incidentally, this is the first Lacey (Jr.) process camera on the Coast, and has resulted in many requests to view it in action by other firms and also by salesmen of the camera trade.

In This Corner

The secret is out. The voice of distinction that makes the announcements over the public address system belongs to Joe Riddle, the squire of Woodland Hills.

Joe must be expecting the great flood. He's making like Noah on his one-acre ranchito. It has a horse, ducks, chickens, rabbits, a dog, and some etceteras.

One of Bob McFarlin's Boxers took third prize at the dog obedience trials at Long Beach a few weeks ago. Flushed with success, Bob undertook to train Fred Jensen's Boxer via Fred. Lesson one was how to discourage Fred's Boxer from digging holes in the backyard. "The next one he digs," Bob advised, "Fill the hole with water and stick the dog's nose in it."

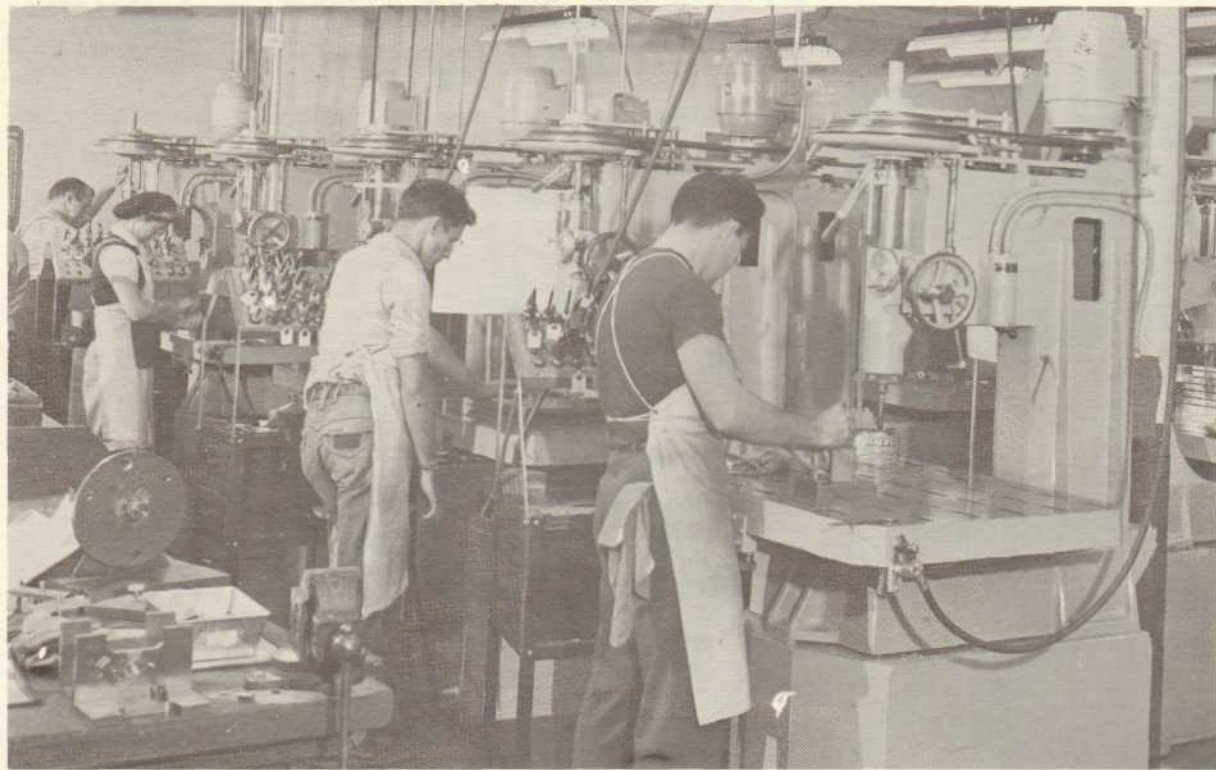
And so it went, except the dog proved stronger than Fred, and what's the best method of getting mud off a guy's clothes?

Attention you guys and dolls in the small lathe department. If you are having trouble understanding the strange language that "Robbie" Roberts is using these days, it's because it is Brooklyn French.

That was Professor Kimmel demonstrating the whys and wherefores of Librascope to the three Navy men. They were assigned here on Lend-Lease, and it was Morrie's job to show them how much to lease and how much to lend until payday.

Glimmers in the night. Swing shift reports that the boys in tooling are cheering Mac Williamson's wisdom in purchasing a new fishing pole for his daughters. He knows now that there will be fish where there never were any before — on the Williamson's table.

Precision at it's Best



A section of the Librascope jig bore room is pictured above. As the result of a desperate need for precision parts, the company installed a machine several years ago for close tolerance work. Today our jig bore room is one of the best, with the capability of turning out many precision parts.

Precision Need Responsible for Jig Bore Room

"Many of our vendors are incapable of furnishing us with precision parts. Those who can are overloaded with work and are unable to supply our demand. We must have precision on a productive basis at any cost!"

Some nine years ago our company, a small and relatively new firm in the field, faced this dilemma, and in working out the solution, planted the seeds for future expansion. There-in lay the birth of the jig bore room.

At a cost of several thousand dollars a machine, noted for close tolerance work, was purchased. It was, perhaps, the fifth or sixth of its kind to hit the west coast, and it helped to establish a precedent which has since been established as a company-wide policy. Only the finest of everything.

From this beginning the bore room, like a kid, just naturally grew. Today we have seven of the finest and most keenly precisioned jig bore and jig milling machines available for close tolerance work. Skipping technicalities it can be said that the amount of work, the ability to work parts peculiar in nature as to size and shape, and especially, the ability of these machines to hold to hair-line tolerances, is nearly fantastic.

Three of these jig bore machines were manufactured in Switzerland, with all the balance and delicate preciseness comparable only to the jeweled movement of a watch. The other four machines, American made, two jig bore and two jig milling, have proven as capable as their Swiss counter-parts.

The jig bore room has not been referred to thus far as a department, for it actually forms the nucleus for two departments.

The jig bore department, with Ray Setty and Danny Fitzpatrick as leadman and machinists Verle McClure, Charles Blake, Carl Frain, Bob Gunderson, Jimmy Johnson, Bill Bourdelais, Ed Grossman, and Al Fonseca; and the boring machine department, with Leadmen Charlie Pierson and Fred Russell, consists of Lloyd McConnell, Ivan Mahoney, Matthew Massa, Jennie Sedita, Ernest Wekerle, Bill Given, Bob Levine, Maurice Langley, Bob Conner, Dave Cosley, Dick Freeman, Kenny Gowan, Paul Bennett, Bob Greer, Joe Solseng, Carl May, John Kostura, Sidney Hazeltine, Jim Reynolds, Leon Gabel, Jean Emond, complete the group including the swing, as well as the day shift.

In the boring department there are 17 boring machines bearing the Librascope trademark. They

were designed, developed, and manufactured by our own firm, and specifically designed to do jig bore work on a production basis. The huge jig bore machines not only are used for machining castings, but also to make the close tolerance jigs (holding fixtures for parts allowing precise machine work, especially the locating of holes, by pinning on any quantity of parts run on this particular jig) and templates, (a pattern the exact likeness of the part, serving the same purpose as the jig), for the boring machines. Through the teamwork of these two departments came the solution of the dilemma; a method of precision on a productive basis.

Located immediately east of the firewall and opposite stationary supplies, the air conditioned jigs bore room contains all of the jig bore pieces and eight boring machines. Adjacent to the jig bore room and directly east of stationary supplies between the two main aisles, the first row is the remainder of this group.

The responsibility of these departments falls directly upon the shoulders of Ralph 'Woody' Woodward, who under the skillful guidance of shop foreman Lloyd 'Call me Sammy' Somerfield, sees that production with precision is kept at the peak of machine and operator performance.

Librascope Duo Turns Thespian

The evening of July 10, at the Starlight Theatre in Burbank, two Librascope employees donned grease paint and entered "show business".

June Zembridge, the scintillating blonde of analysis, and handsome Jim Kay of estimating and planning appeared in a production called "A Night in Vienna" with Leo Damiane directing the members of the Burbank Civic Light Opera Company Chorale and Orchestra.

Soloist for the production was lyric soprano, Bonnie Murray, of the San Francisco Opera Company.

There were several "firsts" in this production. Lionel Barrymore's composition "Waltz Fantasy" was premiered (with Lionel in person, listening) and the director, Leo Damiane also had a new musical hit called "Encore", with Bonnie Murray soloing.

Cameron Mitchell, well known actor, was the narrator of the various scores.

Record Bass

Bob Rowen, purchasing, recently landed what is considered to be the largest Bull Bass caught in local waters. The big one, caught near Pierpoint Landing, tipped the scales at five pounds, eight ozs.

Bob played his fish for 40 minutes, and landed him without using a gaff hook or touching the line, entitling him to enter his catch in The Los Angeles Examiner's Fish Derby, to be held in October. Prizes in this contest include a \$5,000 Mini-boat, a Willys sedan, tackle.

Deadline for September issue of Librazette is August 31.

Remember the Librascope picnic, September 11.

Double Softball Championship Seen for Librascope Teams

Librascope softball teams are setting a hot pace in Burbank Industrial Leagues this year, with what appears to be excellent prospects of a double-barreled championship.

Added Details On New Building

(Continued from Page 1)

of maintaining the entire building at a 20 degree differential (Fahrenheit) between the air outside and the inside. This, however, is based on the occupancy figure of 650 people.

This coming winter will find us wondering how warm it will keep the building. Well, five large gas furnaces will keep the temperature at 72 degrees, even with an outside temperature of 32 degrees.

All of this equipment is supported by steel columns and rests on a concrete platform integrated with the roof. The compressors are resting on a completely shock damping installation, to eliminate noise.

The interior walls are of plasterboard, known as "dry wall" construction. Walls are painted throughout the building in a pleasant, neutral color. There are several panelled walls, and the conference room has a beautiful mural of the Grand Tetons, with a lake in the foreground.

The full-floating suspension ceiling is designed for ease of maintaining the maze of wiring, piping and ducts which supply all your comforts and safety. Below the ceiling are specially designed lighting fixtures by Supreme which will deliver 70 foot-candles to all working areas. In the engineering areas, in order to eliminate the need for secondary lighting, 140 foot-candles will be delivered. For comparison, the engineering group now labors under a mere 40 foot-candles.

Fire exits are plainly marked with recessed, lighted signs to aid in case of an emergency. A sprinkling system is installed with spray heads above the ceiling, as well as below, for the purpose of controlling any fire that may start.

In all, it appears the building is of excellent designs from a safety standpoint, and it has beauty and gracefulness which reflects the good taste of the architects, Claude

The swing shift team, coached by Orval Sesseman, has already clinched the title in its loop, losing only one game during the season. The swing shifters finished in championship fashion as pitcher John Clifton twirled a neat two-hitter.

The day shift Precisioneers, managed by Moe Lehman, was leading the league at press time, with three games remaining to play. Win or lose, the Precisioneers have cinched a spot in the post season playoffs. Behind the top pitching of Sam Houchin, and with three men hitting at .300 or better, they are going to be tough to beat.

Plans are being made by manager Lehman for a visit to the Wayside Honor Ranch for the annual game with that prison team.

Another Librascope team has recently been organized, with league competition just getting underway. This is 16-inch softball, which is similar to standard softball with the exception of the size of the ball. Base paths are 45 feet, pitcher's mound is 37 feet from home plate, and the pitcher delivers the ball with a slow, arcing pitch. No bunting or base stealing is allowed, but a runner is allowed a lead-off.

Team members include Al Akins, John Anderson, Don Cady, Carl Culver, Chuck Freeman, Bill Griman, Neal Hinton, Howard Klenske, Gordo Morton, Jack Nelson, Jack Perry, Lloyd Somerfield and Earl Tempesta.

Bealman and Associates. The contractors were Bibb, Remmen and Bibb. (Not a single accident on the job.) Commercial Refrigeration of Los Angeles supplied and installed the air-conditioning system.

The landscaping around the building still was to be done at this writing. R. W. Smith, who has won several awards for his work, has proposed a tropical motif, with graceful palms and exotic plants gracing the cleverly arranged planters facing Western Ave., and the entrance. This will add materially to the general, contemporary type of architecture which leans to simplicity, and sometimes severity.

Looking for Championship



THE SMILING lad above, at the time of this writing riding high in first place in the softball league, are the Librascope Precisioneers. With only three games to go at press time, they had a good chance of taking the championship. Kneeling in the front row (left to right) are: Tony Noriega, Bill Kichman and Walt Newcomer. Standing in the back row (left to right) are: George Henderson, Sam Houchin, Elmer Burkhart, Jim Cawthorn, Frank Noriega, Dick Apple and Dan Sanchez.

President Cup Winner



Ed Sullivan, who recently came through with a low score of 65 to whip a large field of eager Librascope golfers, proudly holds the President's Cup, which he has just received from Librascope president, Lewis Imm. (Standing next to Sullivan) Others seated at the winners table are (left to right) Bud Roberts and Vic Babb. (See story on page 2).

STORK CLUB

The following Librascope employees recently welcomed new additions to their respective families. The Librazette wishes to congratulate them all:

Dave Pickens, engineering, a boy.
Richard Freeman, machine shop, a boy.
Marilyn Shatz, accounting, a boy.
Bill Bratton, administrative, a girl.
Charles Gonia, publications, a girl.
Elroy Barrios, accounting, a girl.
Clifford Wood, assembly, a boy.
Joseph Fingerett, electronics, a boy.

Dandy Daffynitions

Lucius Slide-rule came up with a few dandy daffynitions the other day that we'd like to pass along to you. Quoth he:

Mating Jig—An animal husbandry accessory.

Maxwells Theorm—States that coffee is good to the last drop.

Ohmeter—One who eats ohms.

Race Rotation — Practised by totalitarian governments, similar to crop rotation, but more fun.

Stable Air—An atmosphere tinged with the odor of fertilizer.

Stationary Front—The result of constructing an ideal truss around a set of characteristic curves.

Stress Analysis—The art of manipulating figures in such a way as to prove that a deficient structure is twice as strong as it is supposed to be.

Vacuum Pump—A pump used to pump nothing into a vacuum.

Vacuum Tube—A tube through which a vacuum pumps nothing into a vacuum.

Astronomical—The boss's salary.

Brazier — A garment used to minimize the effects of flutter and vibration.

Hydrogen—An alcoholic beverage consisting of water and gin.

Lock Washer—One who washes locks.

Farad—A high official in the Egyptian government.

Alclad—Entirely clothed.

German Silver—A type of silver containing any metal but silver.

Librascope Summer Dance Draws Praise

More than 350 Librascope employees enjoyed an excellent dance the evening of July 17, at the Los Angeles Breakfast Club.

Johnnie Augustine's orchestra provided the very danceable rhythms on prompting from Ricky Gottlieb, who acted as master of ceremonies. Everyone says Ricky did a wonderful job.

Bob Garret, who sang two very popular selections: "No One But You", and "Stranger from Paradise" is also to be congratulated, not only on a very fine voice but also for his display of showmanship.

Bob Libonati performed on the Marimba and did an eccentric dance. Then Bob Libonati and Ricky did a comedy "Knockabout", a Marimba duet, and teamed up for a dance.

A roller skating performance called "Twirl, Whirl and a Girl" was a very entertaining highlight of the evening. A high degree of skill was displayed by Art Rodocker and his professional team. (Art has been in pictures with his group).

A skit was put on by local talent showing the "Art" of Movie Making". The characters were:

Barry Kusnick.....Villian
Lloyd Somerfield.....Leading Man
Shirley Ryan.....Leading Lady
Glen Seltzer.....Stand-in
Bob Garret.....Electrician
Art Rodocker.....Director
Curt Riedel.....Cameraman
Johnnie Delle Fave.....Make-up

These "Actors" deserve a great deal of praise for a fine performance.

Art Rodocker spent many hours coaching and planning the evening's entertainment.

Libra Vet News

Election of a new committee for the Librascope LibraVets is scheduled in the near future, it has been announced. Nomination blanks will be circulated within a week or two.

No definite plans have yet been made for next year's get-together. This will be one of the prime duties of the newly elected committee.

Brandon Boats Record Marlin During Fishing Trip in Mexico

Chet Brandon, staff engineer, has recently returned from a highly successful fishing trip to Loreto, Baja California where accompanied by his wife, he boated a record marlin, experienced a hurricane and lost a record amount of tackle on big ones that got away.

Chet reports excellent fishing in the Loreto waters which abound with bonita, dophin, sierra, cabrilla, garropa, and other game fish, with sails and marlin being very plentiful. More than 100 bill-fish were spotted sunning on the surface. Original plans for the trip were based on skin diving and underwater photography, but when marlin were found to be plentiful, they concentrated on them. Mrs. Brandon, quite unassisted, caught an 88 pound sail and Chet landed a 218 pound marlin in an hour's time. This is believed to be the largest marlin of the year for Baja California.

One very unusual happening occurred when the party, trolling through a school of porpoise obtained a hook-up with a marlin. Fishermen will note that these two are strange companions. Also of interest was the sighting of many huge manta rays on the surface. Chet estimates as many as 50 were sighted during the trip.

The party was prevented from fishing for two days of the week by a hurricane with winds estimated at 80 to 90 m.p.h. which filled their cabin with sand, tossed a pearling vessel 200 yards onto the beach and did other damage. The Brandons report excellent accommodations at Flying Sportsman's Lodge, but don't expect plush furnishings or night life — this is strictly for fishing.

Hot Ball Game Seen At Big Annual Picnic

This year's picnic, scheduled for next month, shows promise of being one of the highlights of the many activities sponsored by the Precisioners.

And, without doubt one of the standouts of this coming festival of fun will be the ball game between the championship (we hope) Precisioners and the mysterious Stalwarts, managed by the equally mysterious Mr. X.

Since so many amateur detectives have been probing for the identity of the Stalwarts, this reporter, a genuine amateur, was assigned to track down the facts. Just the facts, (Ma'am). Just the facts.

First interview was with Mr. Elmer "Moe" Lehman, mentor of the Precisioners, and we quote, "We fear no men, if they are men, these bits of ectoplasm that hide behind anonymity. However, we stand ready to play this team. We haven't sidestepped any challenge to date. And if playing this game can help make the picnic a success, we are all for it."

Then we were directed to Joe Riddle, who issued the following statement:

"I want to make it plain that I am just acting as spokesman for the Stalwarts. I am not the mysterious Mr. X. However, I have watched these men practice, and I can say in all honesty that everyone concerned — spectators and players — is in for the upset of the year."

Coming from Brooklyn, where baseball is a gentleman's game, this reporter is awaiting the mighty struggle with bated breath.

Accounting Notes

Marilyn Shatz was honored recently with a baby shower in the accounting office. She received a lot of very pretty and useful gifts for the baby-to-be—which was a boy.

Jean Ball spent her vacation in San Francisco and reported it was raining most of the time. At the time with the heat here, many of us would have been glad to trade.

John Anderson and Bill Stickler recently traveled to the eastern regions, with Johnny going to Wisconsin and Bill to Chicago.

The Librazette

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Ball Stars of the Future



PICTURED ABOVE are the minor league champions for 1954 of the Central Altadena Little League. Winners for the second consecutive year, the Altadena Cubs were sponsored in part by the Librascope Aid Club, and managed by Jay Wiltsie, master scheduling, with the assistance of his son, Douglas. (Back row, center)