

## Les Bentley Appointed Assistant Branch Manager At Sunnyvale Facility

Les Bentley, Chief Engineer of Special Devices, has been named to the post of Assistant Manager of the Sunnyvale Branch, it was announced recently by Executive Vice-President Bill Bratton.

"This is a preparatory step to the eventual relocation of Special Devices in Sunnyvale," declared Bratton.

But because the move is to be such a gradual one, Bentley will continue his present duties, in addition to his new appointment.

"HE WILL, at Sunnyvale, devote his attention to establishing the nucleus of the ground system engineering activity and will also concentrate on increasing the flow of work to Sunnyvale," Bratton said.

"This move will free Branch Manager Carroll Maninger," Bratton continued, "to devote an increasing percentage of his time to solving the many technical problems associated with the increasing number of applications of the exploding bridgewire techniques."

In favor of the move to Sunnyvale, Bentley commented: "The decentralization will result in better efficiency of each unit in Special Devices. They will work better as a group."

## Dewey Nichols New Manager Dayton Sales

Dewey Nichols has been named Manager of Military Sales at our Dayton sales office, according to

Bob Williamson, Director of Military Sales. Nichols succeeds Maurice Johns, who has been named Manager of Military Sales at Dayton for GPI.

Nichols will act as liaison with Wright-Patterson Air Force Base, WADD labs, AMIC (Air Materiel Command), and WSPO (Weapon System Project Offices).

At the Dayton office, he'll be working with George McDermott, also in Military Sales.

Nichols has been with Librascope for the past two and a half years. Prior to coming here he was at Lockheed and Boeing as a staff engineer on production design engineering.

### Lost and Found

A Lost and Found office to take care of personal articles of employees, has been established by Personnel. Finders are requested to turn in items to the nearest uniformed guard who, in turn, will deliver them to the Benefits and Services office in Bldg. Two. Losers may call for them at that location.

The Librascope Hawaiian Tour still has vacancies for 25 persons, reminds Eileen Brown, Precisioneer treasurer.

The tour costs \$275 a person and that includes round trip air fare to Hawaii plus accommodations at the Edgewater Hotel in Waikiki Beach for two weeks (European Plan).

The itinerary offers trips on Oahu Island, a cruise to Pearl Harbor, a visit to the Hawaiian Pineapple Company and a luau party. It lasts from Sept. 15 to Sept. 28.

## Murray Forecasts Increase In GPE 1960 Net Profits

"A considerable improvement in 1960 net profits for General Precision Equipment Corporation," is forecast by James W. Murray, Chairman of the Board of GPE and of General Precision, Inc.

The profit increase should result from "an intensive program of consolidation and cost control begun in 1959," Murray said.

Murray cited GPE's increased earnings for the first quarter of 1960 as an example of the upward trend in profits.

For the first quarter 1960, GPE earnings were \$1,322,000, or \$0.86 per share, up 44% from \$920,007, or \$0.57 per share for the comparable 1959 quarter.

Sales forecast for the entire year should be "between \$225 and \$240 million, as contrasted with 1959 sales of \$215,588,430," Murray added.

The report was the first issued since the consolidation which reduced the previous 12 principal subsidiaries to six subsidiaries, and created General Precision, Inc., a brand-new operating company. Librascope is a key division in GPI.

## Name Bob Lee To Plant Safety Engineer Post

Bob Lee, recently hired as Safety Engineer, will act as Chairman of all Safety Committees and will be responsible for the Safety Program, announces Personnel Manager C. P. McKeague.

Lee's job entails training employees in good safety practices, removing safety hazards and analyzing accident records.

He will also act as liaison between the insurance carrier and the company in cases of insurance claims for accidents.

Lee left Rocketdyne, in Canoga Park, where he was labor relations representative and safety engineer, to join Librascope.

He is a graduate of Iowa State College.

### Westburg Visits Here

Art Westburg from Librascope's Washington Military Sales office is back in Glendale for a two week visit. He is consulting with Military Sales Director Bob Williamson.

## Blood Bank Opens Drive; Appeal for Donations

With a goal of wiping out the current deficit and of setting a new record for donations, the Precisioneers have launched their 9th annual drive for contributions to Librascope's employee blood bank. The Bloodmobile will visit the plant May 26.

This year's campaign, operating under the general chairmanship of Charles McKallor, Timekeeping, got under way early this month with an announcement from Precisioneer President Jim Studdard, Shipboard. Said Studdard:

"Once again we are calling upon Librascopers to step forward and give their blood to help those in need of it.

"Currently, we have a considerable deficit in our blood bank account, because so many of our fellow workers and their families did have need during the past year.

"We want to wipe out that deficit and build up our account to a point where we will not have to borrow.

"I know that Librascopers will, as they have in the past, respond to the call. Just remember the date: May 26."

Elma King, Department Clerk in Central Files, who recently needed several pints of a rare blood type during a serious operation, said on recovering: "It was sure nice to know that the blood was there the moment you needed it."

Miss King received the blood she required instantly and it was charged to the Librascope Blood Bank.

Aiding McKallor in the campaign to sign up donors are the Precisioneers' officers: President Studdard; Vice-Pres. Don Hersch; Sec'y Pat Hansen; and the 14 directors and building representatives. They are:

Bldg. 1—Jim Manley; Bldg. 2—John Larson; Bldg. 3—Bob Robinson; Bldg. 5—Joe Fido; Bldg. 7—George Cassell; Bldg. 10—Dick Kennerknecht; Bldg. 11—Shirley Eiler; Bldg. 12—Al Akins; Bldg. 14—Howard Little; Bldg. 15—Bob Gonzales; Bldg. 16—Bud Edwards; Bldg. 17—Rudy Almeida; Bldgs. 21 & 22—Chuck Guran; all bldgs.—nights, George Poppa.

Each of the directors and building representatives have appointed campaign workers in the various buildings, who will be calling upon their co-workers shortly to sign up donors. Included in this group of workers are:

Bldg. 1—Cleo Moore, Elsie Stuf-rak, Ed Liberty, Mark Gashkin, Vi Taylor, Louise Morton, Bill Goergens.

Bldg. 3—Edith Lo Re; Bldg. 5—Pat Hansen; Bldg. 15—Orval Rogers; Bldg. 21—Al Story.

Bldg. 7—Joan Guercio; Gary Etzler, Joe Pardo, Ellen Buntin, Annette Santos and Rose Gittomer.

Bldg. 10—John Lincoln, Edna Harris, Corinne Martin.

Bldg. 11—William Baker, Georgia Hinton, Juri Kauk, Jim Cotter, Jack Lin and Priscilla Benson.

Bldg. 12—Paula Diamond, Joyce Boeher, Carol Livingston, Cora Christopherson, Helen Naef, Bernice Thomas, Jean Jones.

Night shift—Jeannette Calley, John Veytia, Clinton Gary, Ray Setty, Ray Bigby, Carl Christie, Marvin Burman.

Forty-nine Librascopers, or members of their families, drew upon the blood bank for help during 1959. Plant Nurse Mary Snyder told LIBRAZETTE. These demands completely exhausted the 119 pints of blood collected last May, and the 17 pints contributed subsequently. Currently our blood bank owes the Red Cross 10 pints of blood.

As in years past, a temporary blood collection center, staffed by Red Cross nurses and volunteers, will set up operations in the Glendale Parks Dept. fieldhouse in Griffith Manor Park, just east of Plant 2 on Flower Street.

Hours of operation will be from 12 Noon to 4:30 o'clock. Each donor will be notified in advance of the time to report and will be excused from work for the time necessary to go to the center.

## Five Win Awards For Industrial Art

Five artists in Publications won awards at the current TIMA (Technical Illustrator's Management Association) 7th annual exhibit.

Andy Cook, Industrial Artist, swept through the Retouched Photos category, winning first, second, and third place. He shared second place with John Livingston, Assistant Technical Illustrator.

Carl Claiborne, Senior Technical Illustrator; Carolyn Neilson, Technical Illustrator; and Betty Stewart, Assistant Technical Illustrator, received Honorable Mention for their contributions to the Integrated System Schematics category.



**BIG CHECK**—Aid Club donation to the American Cancer Society's annual drive this year totalled \$5,921, almost doubling last year's contribution. Shown above, from left to right, are Evelyn Robideau, AID Club secretary-treasurer; Chuck White, AID Club Chairman presenting the check to Craig Sandford, Chairman, Glendale District ACS Volunteers; and Art Pederson, advisor.

# Advanced Research Director Describes 'Perspective For Automata Research'

"The study of automata embraces a broad spectrum of interests. It deals with concepts and problems . . . so rich in their implications for the advancement of science and human society as to pose very special problems for research and for the communication of ideas," asserted Hal Hamilton, Director of Advanced Research, at a recent seminar entitled, "A Perspective for Automata Research."

"AUTOMATA, interpreted broadly, include a wide and varied class of organisms capable of complex behavior," he explained before an audience of engineers and mathematicians in the conference room of Building 16.

As an example of an automaton he cited a machine capable of solving a sociological problem such as the Berlin crisis.

"If we could put the significant aspects or variables of the problem to an automaton, it could tell us the outcome of the situation."

Still another example would be a manless vehicle sent to the moon, which could collect and analyze data as well as evaluate it and make suggestions for further experiments.

"THE CENTRAL PROBLEM in automata research," Hamilton continued, "is the problem of coping with organic complexity . . . or learning how to handle, in theory and experiment, a large number and variety of variables which are complexly interrelated."

"We can scarcely imagine, at this time, even the general nature of the . . . difficulties which confront us in the investigation of mechanisms involving a dozen or more essential variables in non-linear relation to one-another."

"There is no royal road toward the solution," he said, "and the effort calls for continuing examination of the applicable methods and tools of science and even of our basic attitudes in the light of the special problems posed by organic complexity."

EXAMINING THE present position of science in relation to problems of organized complexity, Hamilton said, "These problems . . . are just too complicated to yield to the old nineteenth century techniques."

"We believe that research leading to a better understanding of automata is fundamental to an advance over the problems of organized complexity."

"In other words, we need automata to study organized complexity, and we need to study organized complexity to create automata," Hamilton declared.

Where then do we begin?

"Automata research must proceed in an evolutionary way commencing with the study of the simpler problems and progressing toward the more complex ones."

"WE MUST START by attempting to mechanize the simpler experimental and empirical operations of research which we better understand."

"We should first attempt to comprehend the simpler motor and premotor mechanisms in the lower forms of life and proceed up the evolutionary scale as our knowledge advances."

"At present we are trying to program the digital computer, LGP-30, to simulate the electrical interactions between a nerve and the muscle it stimulates."

"We view existing computers as powerful tools for automata research . . . we support programs aimed at advancing computer technology toward the realization of 'artificial intelligence.'"

"ACCORDINGLY, we view the selection of problems for investigation as vehicles for the advancement of tools and techniques as well as theoretic ends in themselves."

"If we are ever to deal effectively with even a thousand variables in complex organisms, we must develop powerful methods and tools appropriate to the study."

## Appoint Krill Plant Manager, Burbank Branch

Appointment of Chief Engineer Charles Krill to the newly created post of Plant Manager at Burbank, has been made by Dick Hastings, Librascope Vice-President and Burbank Branch Manager.

As Plant Manager, Krill will be responsible for the direction of all Engineering, Production, Purchasing and Quality Control Activities, in addition to continuing his duties as Burbank Chief Engineer.

Formerly all of Krill's new assignments were under Hastings' direct supervision. Hastings, however, retains immediate supervision of Marketing, Accounting, and Personnel as well as the staff functions of Master Planning and Operations Analysis.

### Spring Bargains

Precisioneer's store has some especially good buys for gift days ahead, says manager Eileen Brown. For Father's Day there's a limited quantity of the latest Schick three-speed electric razors at \$16.95 each. For graduations be sure to see the new Royal Portable "Diana" typewriters. The Chrysler Air Temp, a hot weather special, is a one-ton air conditioner priced at \$179.95. Also available are the new Dejur Zoom-Lens Movie Camera and 35 mm slide-making camera. One last spring cleaning note, the beautiful Sunbeam vacuum.

## Charles Bauer Named Burbank Project Manager

Charles Bauer, newly named Project Manager at Burbank, will be in charge of creating a program for the development of commercial computer input and output devices.

Previously at Telémeter Magnetics in Culver City, Bauer was manager of the mechanical engineering section that designed magnetic cores.



As division chief engineer of Marchant's research section, he developed electromechanical input and output devices for a merchandise control system, a computer that sorted inventory information.

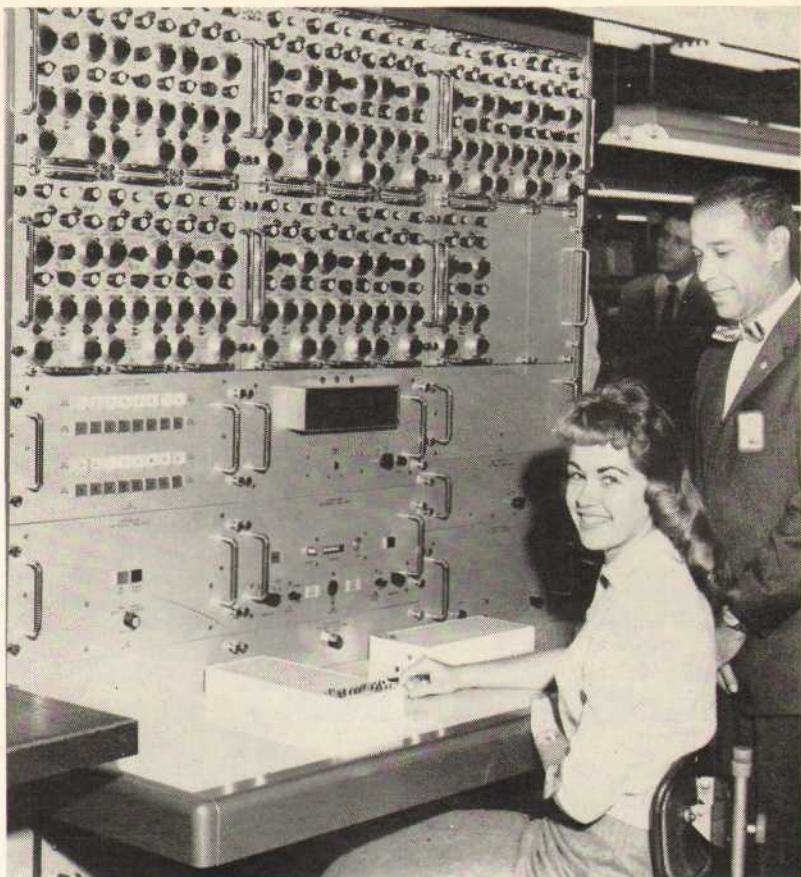
Bauer has also been chief engineer with Telecomputing Corporation's Data Instruments division. There he was responsible for the development of the input and output devices on a "point of sale recorder," an instrument that records data for department store operations.

A graduate of Caltech, Bauer received his BSME in 1939.

The Credit Union is now closed on Mondays, reminds president Val Castle.

Office hours, Tuesdays through Fridays inclusive, are now 11:30 a.m. to 12:30 p.m. and 4:00 p.m. to 4:45 p.m.

The altered schedule began last April 4, and will continue indefinitely, Castle reports.



TESTING TRANSISTORS—on the new SMART machine (Sequential Mechanism for Automatic Recording and Testing) is Marilyn Bohn, General Clerk in Quality Control. Standing beside her is Jack Ochoa, Quality Control Engineer in charge of the machine's operation. The SMART is located in Receiving Inspection in Building 2. It can test as many as 16 parameters on transistors on a "go" or "no go" basis. It is being leased by Librascope from the Texas Instrument Corporation.

## Art Pederson Gives Counsel; Solves Employee Problems

Have you got a personal problem? Finance company troubles? Draft board complications? A group insurance claim?

If so, see Art Pederson, Supervisor of Employee Benefits and Services.

"We want to encourage our employees to come to us with their problems," says Pederson.

"In cases where an employee's salary might be attached by a finance company because of unpaid debts, we try and find a way he can pay his debts without a wage attachment."

"IN THE MAJORITY of cases we succeed, for there are always several alternatives to an attachment."

"The credit union is one."

"Perhaps, after talking with the finance company, the employee finds that he can pay off only the loan's interest for a while."

"His debts may not always be his fault," Pederson continued, "and in that case, extenuating circumstances may allow him to file a petition of bankruptcy. We then call on Librascope's legal department."

THE JOB OF THE Benefits and Services Department is to guide and advise.

"I try to steer people who come to see me, after having probed all the facts in the case," declared Pederson.

"We'll handle draft deferments for young engineers, and arrange for reserve officers to take training leaves."

"If you have reason to claim against the group insurance plan, we'll handle that too."

"I OFTEN COUNSEL an employee who is unhappy about his job and who feels he can't go to his supervisor about the problem."

"In a nutshell," Pederson concluded, "our department services the company's benefits. We handle all employee records for non-engineering personnel, schedule vacations, handle sick leave, severance pay and a score of other benefits."

## Friends Mourn Max Schirmer, Dead At 57

General Foreman Max Schirmer of Assembly died Friday, April 29, three months after a routine medical checkup revealed that he had an inoperable cancer. He was 57.

A soft-voiced, invariably courteous man with great personal charm, Max joined Librascope in August 1957. German-born and educated, he came to the United States when he was 18, after graduating from technical school in Nuremberg. Starting as a machinist, Max worked his way up to become plant superintendent of a large New York manufacturing firm.

Leaving an assured career behind him, Max came to California because of the ill health of his wife, Grace, and was hired as a foreman the day he presented his credentials at Librascope. Such was his professional skill and talent that he was promoted to general foreman eight months later. Under his direction Plant 15 broke all records for production of converters and integrators.

He was admired and liked by all who knew him and will be greatly missed.

## John Tuggle Named Senior Mathematician In Reliability Section

John Tuggle, is a new Senior Mathematician in the Reliability Section.

Tuggle will design statistical tests and examine the data collected on reliability and quality tests.

Previously with Bendix systems in Ann Arbor, Michigan, he was lead engineer in the reliability section of standards and quality. He has also been a mathematician in the reliability section of Westinghouse Electric Corporation's Ordnance Department in Baltimore.



LEARNING TO SOLDER—Shown here in Soldering School are (from left to right) Dolores Gilsteichter, GAE; Jesus A. Navano, GAE; Gil Lohito, GAE; Steve Roza, Wireman; Bonnie Raley, Wireman; June Moss, GAE; Marie Nemechek, GAE; Jim George, GAE; Lorraine Mackey, Assembler; Geneva Fitzgerald, GAE; Carmella Salvitti, GAE.

# Librascope Hires 4,000th Employee; Produces 400th LGP-30; Unveils RPC-4000 Computer On Same Date

Librascope hired its 4,000th employee on April 14, and at the same time produced its 400th LGP-30 computer at the Burbank branch.

The 4,000th employee—who was also logged in as the 400th employee hired at Burbank—is Anne Louise Farrell, 18, daughter of Mr. and Mrs. George W. Farrell, Van Nuys.

Miss Farrell, an honor graduate of Birmingham High School, Van Nuys, is employed as a clerk-typist in the office of Murray Harrison, Burbank Production Manager.

AT A PRESS RECEPTION commemorating the hiring of the 4,000th employee, Miss Farrell was given a bouquet of American Beauty roses by Vice President and Burbank Branch Manager Dick Hastings.

She was also greeted by Assistant to the President Sid Briggs, who appeared on behalf of President Lewis W. Imm.

"The hiring of the 4,000th employee," said President Imm, "highlights the rapid growth and continuing expansion of Librascope, a growth that has been marked by

the company's attainment of industrial leadership in the fields of computers, controls, and guidance systems.

"The production of the 400th LGP-30, a desk-size general purpose digital computer, widely used in business and industry, marks the steady rise in sales and applications of this product.

"AND THE LGP-30 is now second in national sales among all computers on the market," Imm declared.

The press reception became a genuinely "four-fold" occasion when Hastings and other members of the Burbank Branch engineering and production staff unveiled the first model of the RPC-4000.

A fully transistorized computer, the RPC-4000 has the largest memory capacity of any computer its size—8,000 words. It will be introduced to the market during late Summer or early Fall, according to Imm.



CONGRATULATIONS—go to Anne Louise Farrell from Sid Briggs (left) Assistant to the President, and Dick Hastings, Librascope Vice-President and Manager of the Burbank Branch. Miss Farrell is Librascope's 4,000th employee. In the foreground is Librascope's newest commercial computer, the RPC 4000 developed at Burbank.

## Willard Opocensky Tells Integrator Improvements

The integrator, one of Librascope's earliest patented devices, renowned for its accuracy, has been improved still further.

"There have been three modifications on the integrator, all added within the past two years," explained Willard Opocensky, staff engineer and designer of the integrators.

"The first redesign surrounded each ball in the ball carriage with four ball bearings. It reduced the friction of the ball against the disc, and extended the accuracy-life of the integrators from several hundred hours to 7,000 hours.

"Next, the ball carriage was placed on a lead screw, instead of on the long push rod as it had been in the earlier instrument.

"THIS IMPROVED MODEL, now named the lead screw integrator, has a shortened rod which is almost entirely contained within the integrator capsule.

"For the shorter we could make the rod, the fewer the errors that could be created by thermal expansion and contraction of the rod."

The lead screw, capable of moving the ball carriage 1/10,000 of an inch, must not vary in length since the slightest change could give inaccurate readings.

"The third modification of the integrator," he continued, "was the incorporation of the sine-cosine mechanism into the capsule.

"This additional model, also containing the new ball carriage design, is called the sine-cosine integrator.

"THE MODIFICATION also reduced the length of the connecting link between the sine-cosine output and the ball carriage, lessening the errors caused by temperature variations."

The lead-screw integrator, designed to solve a special problem and first sold to Sperry Gyroscope a year ago, has had great success. To date, 300 have been produced without one rejection.

### CREDIT UNION HOURS

11:30 a.m. to 12:30 p.m.  
4:00 p.m. to 4:45 p.m.  
Tuesday through Friday

The training section of Personnel wants to discover the talents of company employees in case they may have need to draw upon them.

If you have had experience in instruction or if you have knowledge in a specialized field, call Shirley Corrigan, Training Secretary, ext. 1231, 1232.

## Alvin Smith Joins Applied Research, Solid State Group

Alvin M. Smith has recently been named to the solid state devices section of Applied Research as Senior Chemist, reports Herman Graff, Senior Physicist in charge of the section.



Smith will set up the processing of tunnel diodes, a high frequency switch used in computers and oscillators, on a semi-production basis.

He had extensive experience in the field of metallurgy and semi-conductors at Hughes Aircraft, Semiconductor Division, for four years as Project Engineer.

Smith has also been an Analytical Control Chemist with Kennicott Copper Corporation in McGill, Nevada.

His BS in chemistry is from the University of Portland in Oregon.

## Oliver Added to Applied Research, Solid State Group

Physicist Stuart Oliver has been added to the staff of the solid state physics section of Applied Research, according to Wayne Blackburn, Director.

Oliver is currently working on the preparation of single crystals.

Prior to joining Librascope, Oliver worked in the Analytical and Control Division of Consolidated Electro-dynamics in Pasadena on such devices as flow instrumentation, the mass spectrometer leak detector, and moisture monitors.

Oliver earned his BS in Physics at California State Polytechnic College in San Luis Obispo.

## Walker Names Don Green To Marketing Staff

Don W. Green, Market Analyst, has joined the Market Research and Product Planning section at Librascope's Burbank branch, headed by Marketing Director Jack Walker.

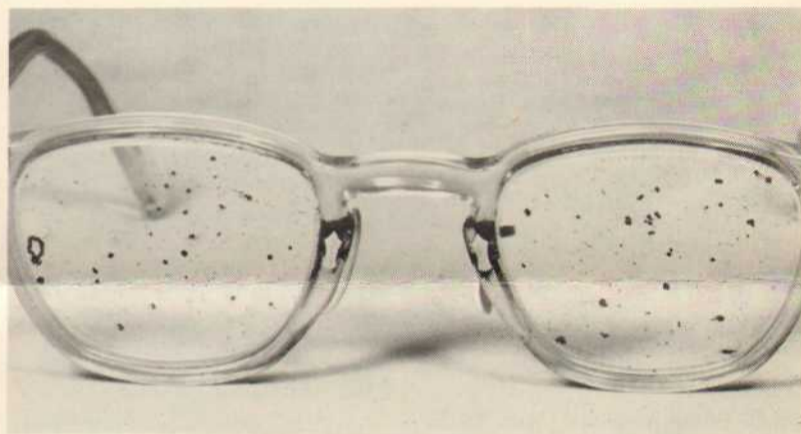


He comes to us from Burroughs Electrodata in Pasadena where he worked for three years in planning, forecasting and control of sales. As administrative assistant in market research and sales analysis, Green has also been at the RJM Company, a steel distribution firm.

Los Angeles State College awarded him a BS degree in Industrial Engineering and he will soon receive his MS in Market Research from that college.



"A CLOSE CALL"—says Joe Buteau examining the results of an electrical explosion that sprayed molten metal on his hat and glasses. He holds the panel that made contact with the "hot" buss bar, showing where the heat burned a hole.



SAFETY GLASSES—saved Joe Buteau's eyes from the debris of an electrical explosion. Note the pitted areas indicating where molten metal hit the glass. The glasses are safety prescription lenses, made of specially tempered optical glass.

## Glasses Save Buteau's Eyes In Explosion

Safety glasses have rewarded Joe Buteau, Industrial Electrician, with the preservation of his eyesight during a recent electrical explosion, reports Bob Lee, Safety Engineer.

Buteau's face, hat and glasses were sprayed with molten metal, when the panel of an electrical transformer on which he was working accidentally touched a "hot" buss bar carrying 230 volts causing an explosion.

Buteau's glasses undoubtedly saved his vision, says Lee, for the explosion of molten metal pitted them badly.

Buteau was consequently made a life member of the Wise Owl Club of America, an association sponsored by the National Society for the Prevention of Blindness.

The schedule for Supervisor's Orientation Meetings for the remainder of this month is as follows:

May 24-25, a talk on "Production Control" by Bill Singleton.  
May 31-June 1, "Reliability" by Walt Picker.

Meetings are held on Tuesdays at 1:30 pm and on Wednesdays at 9:30 am, for two hours, in the Conference room of Bldg. 16.

## June Kostyk Joins Engineering Library

Technical Librarian June Kostyk, is the latest addition to the Library staff, reports Chief Librarian Nate Sands.



Miss Kostyk will assist Sands in cataloguing, reference work and general library operations.

Before coming to Librascope, she was assistant and reference librarian at UCLA. Prior to that, at the University of Florida, she had charge of the science reading room.

Miss Kostyk holds a number of degrees: a BA in biology from Youngstown University in Ohio; a BS in Library Science from Drexel Institute of Technology; and a Master of Education degree from the University of Florida.

As a graduate assistant at the University of Florida, she taught biology while she studied for her degree.

## The Librazette

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## Librascope Leases Former Pacific Automation Building

Leasing of a 40,000 square foot building, construction of a new service building and plans for extensive alterations of existing structures, were announced this month by Executive Vice-President Bill Bratton.

Overwhelming need for additional space to cope with Librascope's continuing expansion, dictates the action, Bratton told LIBRAZETTE.

When completed the alterations will provide additional space for some departments, new homes for others which will be shifted from present locations. The entire program will take at least four months to complete.

**TAKEN UNDER LEASE** is the building at 1000 Airway Drive, former headquarters building for Pacific Automation, which will provide some 14,000 square feet of administrative space and a potential 26,000 feet of storage or manufacturing space. Exact department occupancy of the structure had not been determined as LIBRAZETTE went to press.

Five buildings will undergo extensive alterations:

Building 3 will become a centralized administration headquarters. In addition to those groups already present it also will house the central group of Purchasing and all units of Personnel except Engineering and Technical employment. Also scheduled to move there is Bldg.-Eng. Cliff Dahl and staff.

**BUILDING 2**, after Personnel moves, will house Receiving Inspection, Quality Control, several units of Purchasing, Assembly, stockrooms and the existing dust-free assembly rooms. The Precisioneer store and Credit Union are tentatively scheduled to occupy one corner of the building.

Building 5, after removal of the Building Engineer's office, Security, and Communications, will be devoted exclusively to Final Adjustment.

**BUILDING 19**, the small bungalow adjacent to Shipboard, will become the Central Mail office and Security headquarters.

A new, 5,000 square foot pre-fab structure of steel, will be erected next to the existing Carpenter shop; the shop will shift to the new structure and the old shop will become a Maintenance shop and paint-spray operation.

Existing ASROC and POLARIS assembly lines, now in Bldgs. 2 and 10, will be shifted in the near future to Bldg. 17. The Navy Inspectors' office, now in Bldg. 2, and the Navy Contract Administration office, now in Bldg. 3, will move to Bldg. 17.

Building 1 will be altered in the area now occupied by Quality Control to provide additional space for the Model Shop.

## Name Herbert Missler Senior Engineer in Airborne Engineering

Herbert Missler, new Senior Engineer in Airborne, will be working for Charlie Foodim, Director of Projects, on proposals for the preliminary designs of systems.



An electronics engineer, Missler was with Minneapolis-Honeywell as contract engineer on inertial guidance and navigational systems.

Prior to that he was with Northrop Aircraft's Avionics Division doing design on guidance and other electronic equipment.

His BA from Washington University in Saint Louis is in Mathematics and Physics.

## Guard Chief Myers Is New Assistant Security Officer

Security Officer Don Knox has named Charlie Myers, chief of guards at Librascope for the past seven years, as his new assistant.



Myers, as Assistant Security Officer, will help Knox in the administration of the security program, and will have indirect supervision of guard personnel.

He will also act as liaison with the Civilian Defense and the Fire Brigade, in addition to investigating thefts and performing a periodic inspection of closed and restricted areas.

Before his current appointment, Myers was employed by Gerber and Company, the guard service contracted by Librascope.

Originally from Guthrie Center, Iowa, he now lives with his wife in Glendale.

## Margery Makalonis Is New Company Nurse For Second Shift

Margery Makalonis, newly hired Industrial Nurse, comes to Librascope from Pacific Automation Company, according to Training Director Wayne Strong.

She has had over ten years experience as a nurse in industry, having worked at Lockheed and the May Company.

During World War II Miss Makalonis was a navy nurse, and was stationed in the West Indies and along the east coast.

She earned her diploma at Chester Hospital Nursing School, in her hometown, Chester, Pennsylvania.

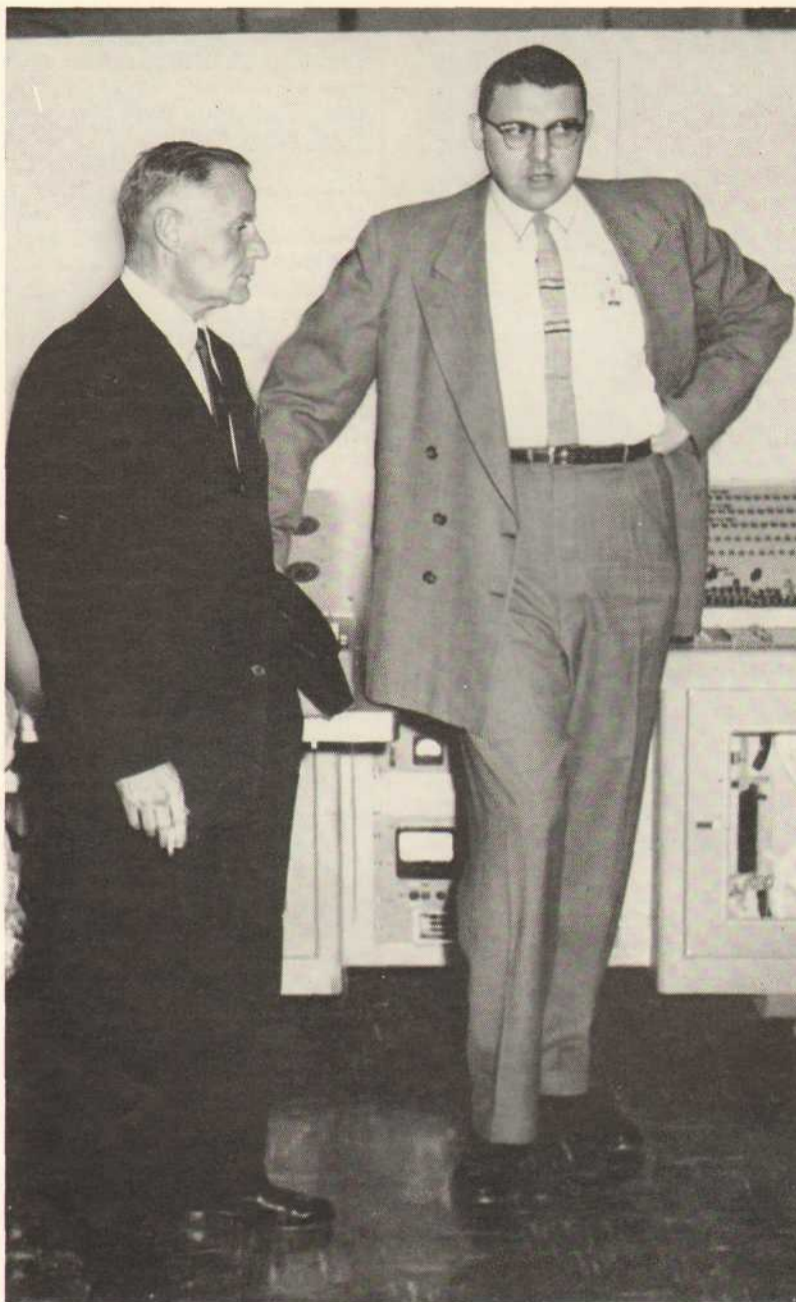
Miss Makalonis will be located in the First Aid room of Building 1, on the second shift.

## Saiers Joins Shipboard Advanced Projects Team As Senior Engineer

Shipboard's advanced projects section last month added Senior Engineer James L. Saiers to its staff and assigned him to a study of current computer packaging techniques as a prelude to future design activities.

Saiers, who reports to Project Director Howard Applegate, holds a BSEE degree from Los Angeles State College. He has also studied at Pennsylvania State College, the University of Kansas, St. Ambrose College and UCLA.

Before joining Librascope, Saiers was head of an electromechanical engineering group at Collins Radio and earlier was on the engineering staffs of ITT Labs and Lockheed.



Vice Admiral Wallace M. Beakley, left, vice-chief of staff, Naval Operations, Fleet Readiness, was a recent Librascope visitor. Here he talks with Jerry Deitz, director of digital engineering for Shipboard, about the SUBROC Mod 130 computer.

## New Airborne Computer Guides, Launches, Long Range Missiles

A new lightweight digital computer, designed by Airborne Engineering to provide guidance and launching direction for long range missiles, was introduced to the public early this month via formal announcements to the daily press and technical magazines.

The news was received with the importance the event deserved. Major news services took the story from Public Relations and sent it far and wide. Science editors of local newspapers made the computer the subject of detailed feature stories. Still to come are articles in upcoming issues of the technical and scientific journals.

"This computer," Chief Engineer Hank Norris of Airborne told LIBRAZETTE, "is a highly sophisticated device with tremendous capabilities. In one package we are offering a computer which can both stage the launching from a pad and guide the missile to its target, as well."

The new guidance and launch computer is described as a logical outgrowth of the Airborne effort which produced the ASN-24, pioneer airborne digital computer. It is the product of a design and development task force assembled by Norris and headed by Project Director Garland White. Working with him on the project were:

Project Manager Chuck Saunders, who directed Senior Engineers Dale Schmidt and Hugh Kilpatrick in the development of the logic and circuitry. Airborne Staff Engineer Bob McIntyre was a key figure in the logic design.

Project Manager Chuck Phillips, who had over-all responsibility for the packaging and memory drum design. Phillips was responsible for the computer's radical sandwich-type circuitry packaging. Senior Engineer Gene Wilkison was the designer of the high-speed memory

drum, which revolves at a rate of 6,000 rpm.

Senior Engineer Walt Spray designed new input-output modules for the computer. Very compact, each module measures 2½ x 2½ x 1 inches and weighs but eight ounces.

The entire computer package weighs 56 pounds, occupies less than a cubic foot of space and was specifically designed to fit within the frame of a missile. Some of its capacities:

The ability to multiply, work square root, divide and add in solving guidance problems, at respective speed rates of 533,293, 257, and 9,600 operations per second!

A storage capacity of 3,000 words of 22-bit length.

Operation on 16 basic orders, which can be utilized to create up to 100 separate control functions.

Now in the prototype stage, the computer is being built in Production's model shop in Bldg. 1, under the general supervision of Model Shop Manager Charlie Cole.

## Bob Galletly Joins Airborne Eng Project

Bob Galletly, mechanical engineer, has joined Airborne as part of Project Manager Marv Alberda's group.



He'll work on the design of the Building Block computer.

Before coming to Librascope, Galletly was with Radioplane Company, division of Northrop

in West Van Nuys, for two-and-a-half years. There he worked on the structural dynamics of aircraft.

Galletly's BSME is from UC Berkeley.

## Charles Abbe, J. Wiltsie Are New Additions to Methods Study Group

New additions to a special study group in the Methods Improvement section of Industrial Engineering, were announced last month by Supervisor Shelby Drucker. They are:

**Charles E. Abbe**, formerly with Aero-Jet General, Hughes Aircraft and Caltech. Abbe is a mechanical engineer from the University of Minnesota, who has taught statistical methods of quality control at USC.



At Aero-Jet he was head of the audit section of the measurement standards lab and at Caltech he was a research engineer on various missile projects. He is a founding member of the American Society for Quality Control.

**Jay Wiltsie**, a Librascope employee with almost 11 years service, transferred from the production project coordinating group of Production, where he wrote progress and status reports on contract projects.

Wiltsie previously was a master scheduler in Military Relations and handled liaison with government inspection agencies. He is a graduate of Northern Illinois State Teachers College; he also did graduate work at Illinois Institute of Technology. Before turning to administrative work he was in the quality control and inspection areas of Aero-Jet and Consolidated Vultee.



Bob Putnam, third member of the special study group, comes to us from Bell Helicopter Corporation in Fort Worth, Texas, where he was Chairman of the Manufacturing Board.



Working in close conjunction with Abbe and Wiltsie, Putnam is responsible for the automatization of methods now being used in all of Librascope's outside activities such as status control in production, purchasing, sub-contracting.

He spent three and a half years in the Navy as Electrician's Mate Third Class and later studied electronic engineering at the University of Buffalo.

## Strosnider To Fill Audio-Visual Post As Writer-Director

Audio-Visual Services' new addition is Lee Strosnider, Writer-Director, announced Lowell Eisenhower, Department Supervisor.

Strosnider will be writing, directing, and producing instructional and progress-report films.

The department, in addition to creating Librascope's motion picture films, also makes film slides with narrated sound tracks.

A native of Indiana, Strosnider came to Los Angeles to study in UCLA's Motion Picture Department. He has done free-lance work in Hollywood. Previously, he was with International Sound Films in Atlanta, Georgia.



## Four Promoted To Foreman on Subroc Assembly

Four new Foremen have been appointed in Building 17 by General Foreman Carl Culver. They are:

**Charles Alger**, now Foreman of Subroc Mark 75 wiring and assembly, was promoted from the mechanical lab where he built, assembled and tested prototype parts.



When he came to Librascope four years ago, Alger worked in the Tool Room handling various tooling problems throughout the plant. There he designed the automatic diode feeder that goes into the leadformer machine.

Alger had over 12 years experience as a tool maker before joining Librascope.

**Charles Dellner**, promoted to Foreman of Printed Circuit assembly on Subroc, joined Librascope one month ago as a wireman.

He has had some 12 years experience as Foreman in the east before coming to this company.

**Dellner** was General Foreman and assistant in technical engineering on the Link simulators, devices for guiding planes into a landing, with Rust Industrial Engineering Company in Manchester, New Hampshire.

In addition he has taught soldering and made harnesses and cables.



**George Ounjian**, previously with the Engineering Test Group, is now Foreman of Subroc wiring and assembly, Marks 10, 19, 129, 130 and spares.



When he first joined Librascope, eight years ago, he was assembler on the Mark 30 and later worked on the Mark V.

Ounjian was an equipment tester for Schwein Engineering in Van Nuys before coming here.

**William Sauber**, new Foreman of the second shift, electrical and final assembly of Subroc Mark 50 and 51, was Leadman on ASROC in Building 2 before his promotion.

He has also worked in the Dust Free Room as Final Assembler on the viewfinder.

Prior to joining Librascope, Sauber was service representative for the International Cash Register Company.



## Carl Miller Returns; Joins Subroc Project As Design Specialist

**Carl Miller**, Design Specialist, has returned to Librascope to work on Subroc, after a four-year absence from the company, according to Project Engineering Director Dwight Roof.



Miller was here from 1946 to 1956, during which time he rose from Design Draftsman to Senior Designer. He then left to join another electronics firm where he was design engineer for four years.

In his present capacity at Librascope, Miller designs the mechanical packaging of instruments, working from functional sketches.



**TEN YEARS' SERVICE REWARDED** for Carl Dehart (left), Engine Lathe Machinist who retired last month from the company. Shown with him holding his ten-year certificate is Manuel Sanz. Sanz is presenting Dehart with a fishing rod and reel, gifts from fellow workers. Dehart also received twenty dollars and a can of worms at the Farewell fete in the Machine Shop of Building 1. Dehart plans to spend the first six months of his retirement "Catchin' the big ones" at June Lake where he has a cabin and outboard motor boat.

## Jerina Has Perfect 5-year Attendance

**John Jerina, Jr.**, Wireman on the CP 209 assembly, came to Librascope five years ago this month—and he hasn't missed a day since!

"I try to follow my Dad's example," says Jerina, "he worked for one company 42 years and was out only seven days during the entire time."

Here every morning at seven, just in case an unforeseen event delays him, Jerina is ready to clock in at seven thirty.

He has, however, been late once. "I was waiting for my brother and sister to arrive by plane at the airport," he explained, "and that morning the plane was 45 minutes late."



**HASN'T MISSED A DAY**—In the five years he's been at Librascope, John Jerina, Jr., shown above, has had a perfect attendance record.

## Margaret Stolle Is New Plating, Processing Foreman In Bldg 10

**Margaret Stolle** has recently been named Foreman in Building 10 plating and processing operations, according to Assistant General Foreman, Chuck McCutchan.

She will be responsible for the chemical analysis and standardization of circuit board plating solutions in addition to her supervisory duties.

First coming to Librascope in March 1959, Mrs. Stolle worked as a Plating Processor and then as a Lab Analyst before being promoted to Foreman.

Previously, at Hillgren Manufacturing Company in Huntington Park, she was Plating Technician and Supervisor over the analysis and maintenance of tanks.

Mrs. Stolle has also been an Inspector of precision components at General Controls, Inc., in Glendale.



## Pneumatic Crimpers To Be Demonstrated

Pneumatic crimping machines will be demonstrated at Librascope on Wednesday, May 25, from 1 to 3:30 pm, by Mr. Richard Colt of Amphenol-Borg Electronics Corporation, according to Lloyd Considine, Training Coordinator.

The machinery will be set up outside the rear entrance of Building 14. It crimps pins and sockets used in plugs and receptacles.

## Harold Compton Teaches Adult Education Class At Burroughs High

**Hal Compton**, Special Courses Instructor in Training, currently teaches a night course in blueprint reading in addition to his regular daytime soldering school here.

"It's a basic course for assemblers," he says, "so that they can learn to read all prints."

The subjects covered in the course include: Detail Drawings; Tabulated Drawings; Assembly Drawings; Pictorial Drawings; Wiring Diagrams; and Schematic Diagrams.

Some 75 mechanical and electrical assemblers attend the classes held Thursday evenings from 6:30 to 9:30 at John Burroughs Adult School, April 21 through June 16.

Compton, who is in the Training Section, has California State credentials as an Industrial Arts Teacher.

## LINK Sponsors Training Classes For LGP-30 Use

Several LGP-30 computers in use at the Link division were the subject of study for 13 systems engineers at that company, according to the company paper, Link Log.

Last month Link's Engineering and Development Divisions completed a five-week company sponsored course, programming the LGP-30 computer. The course consisted of four lectures and one laboratory session.

# Key Personnel Staffers Shifted to New Tasks

Some months ago Sid Briggs, Assistant to the President and Director of Employee Relations, told a meeting of Personnel staffers that he believed American business is suffering from the effects of over-specialization in the staff groups which serve management.

"There is nothing wrong with specialization as such," Briggs said, "if it proceeds from a broad, general knowledge. But today's specialist, both in training and work-experience, rarely gets the opportunity to acquire an expansive background. Practice tends to continue developing the specialist, as opposed to the 'generalist'."

**LIBRASCOPE**, Briggs declared, is as much in need of the generalist as any other business, more so, perhaps, because of the problems brought about by rapid expansion and its policy of decentralization. The setting up of new branches, he said, will create more and more need of executives—at all levels—capable of handling a variety of tasks.

Within the framework of Personnel, a part of Employee Relations, Briggs said he proposed to do something about the problem. Last month he did. In a department shuffle he:

Detached Ray McDonald from his post as Engineering Wage and

Salary Administrator and named him head of a group to study problems of manning the new branches;

**APPOINTED GLEN SELTZER** to take over from McDonald;

Shifted Paul Kennedy into Seltzer's former assignment as Engineering Employment and Technical Recruiting supervisor;

Moved Walt Sertic into Kennedy's former spot of Employment Supervisor in charge of hiring manufacturing and administrative personnel;

**PROMOTED WAYNE STRONG** from Training Coordinator to Training Director, to succeed Sertic.

"Each of these individuals is now learning a new job within a more or less familiar framework," Briggs told LIBRAZETTE. "It is the first step in developing generalists within the bounds of one department."

The new assignments will last for at least six months, Briggs said. After that?

"We'll pause, take a look at results and then take the next step."

## Ken Wright New Supervisor in Inventory Control

Appointment of **Ken Wright** to the post of Inventory Control Supervisor was announced recently by Ed Ellenhorn, Supervisor of Material Control.

Wright will establish inventory policies and operating methods for Inventory Control, as well as be responsible for the requisition and maintenance of warehouse materiel.

Prior to joining Librascope, he was Assistant Purchasing Agent at Douglas Oil Company in Los Angeles, and has also been Materials Coordinator with C. F. Braun Company, engineers for large construction jobs.

Wright has a BS from UC Berkeley in Business Administration, and is currently studying for a Master of Business Administration degree at USC.



## Sexton, Palmer, Loos New Promotions in Building Engineering

Three new promotions in Building Engineering were announced this month by Building Engineer Cliff Dahl.

**John Sexton**, formerly Plant Layout Supervisor, now fills the post of Area Engineer. He will be planning and designing the arrangement of offices for all buildings in the Glendale area.

**Jerry Palmer** was named Plant Layout Supervisor, and supervises all Plant Layout Draftsman. Palmer joined Librascope a year ago as Plant Draftsman.

**Lloyd Loos** was promoted to Power Electrical Engineer from his former position of Electrical Maintenance Supervisor. He will supervise the drafting of power circuitry and calculate power loads for offices, among other duties.

Loos has been with the company 10 years.

## Bob Curran Appointed Production Supervisor At Burbank Branch

**Bob Curran**, who joined the Glendale Division last April as a Mechanical Methods Analyst, was recently appointed Production Supervisor of Burbank's production machine shop, tooling and methods section. He reports to Production Manager, Murray Harrison.

A native of Los Angeles, Curran has been a toolroom and experimental machine shop foreman, and an experimental machinist with Device Manufacturing Company, the W. R. Whittaker Company, and Douglas Aircraft, before coming to Librascope.

Curran, who attended Los Angeles City College, is a Navy veteran of World War II. As a machinist's mate aboard the USS Gunston Hall, and an LSD carrying Marine tanks, he took part in every campaign from the Marshall Islands to Okinawa.

## James Kinzie Added To Airborne Project Staff

Project Manager Bill Scott reports a new addition to his group in Airborne. He is **James Kinzie**, Engineer, who will be working on the logical design of such projects as the Building Block computer.

Kinzie was with Hughes Aircraft for four years before he came to Librascope, as missile systems engineer. He specialized in environmental evaluations projects.

A graduate of Virginia Polytechnic Institute in Blacksburg, Virginia, Kinzie received his BSEE in June 1956.



# Precisioneer Nine Begins '60 Season; Joe Fido Takes Helm, Al Akins Retires

by Charlie McKallor

Librascope's Precisioneer softball team, champions in Burbank industrial league competition for the past three years, open the 1960 playing season May 16. (See bulletin boards for time and place.)

For the first time in five years they'll be playing without Al Akins calling the shots as manager. Al, with a new job and family, has shifted the managerial burdens to Joe Fido, but—lucky for us—is staying on as a player. He's a stalwart of the pitching roster and can fill-in in the outfield, too.

The new strategist knows his baseball, too. Fido once was in the old St. Louis Browns farm system and was headed for the big leagues when World War II put a stop to his baseball progress. He's plenty powerful as a player, too, as anybody knows who followed the Precisioneers last year.

This year's team will have eight of last year's veterans on the field. Back again are Jim Fallet, Sam (Iron Arm) Houchin, Neil Hinton, Tom Flesher, Jim Arena, Don Mitchell, Akins and Steve Smith. Steve, unfortunately, will miss the opening games, because of a broken arm suffered several weeks ago.

Also lost to the team from last year's championship squad are Walt Newcomer, Art Moreno and George Henderhan. Their absence will really be felt because these veterans were basic to the team's strength.

However, Manager Fido has high hopes that three additions to the squad will be able to fill the emptied spots. Irwin Dubinsky, Hank Mason and Phil Plantamura have all shown promise of being good fielders and solid hitters.

This writer has been conning the records and has come to the conclusion that, in any class of competition, our retiring manager has only one competitor in the business of managing winning teams. And that fellow also is a Glendale boy, name of Casey Stengel.

## Klicks Still Tops In Mixed League; 3 Matches To Go

by Trois Cent Bouleur

With three weeks left to go, the Librascope Mixed Bowling League season was still a tight race at the end of the 31st week of play.

Still in front with a four-game lead, was the Kilroy's Klick quintet, followed closely by the Pin Busters with a three-game lead over the Hapa Haoles. The H-H's had only a half-game lead over Four Dashes & A Dot who, in turn, were only a game ahead of the Sweepers.

Barring last-minute upsets, the chances are that the season will end with the top teams in their current positions. That's only my opinion, of course, but experience bears me out. At this stage of competition the teams have realized on experience and skill and are generally as far as competitive ability can take them.

Complete standings:

	Won	Lost
1. Kilroy's Klick	77	47
2. Pin Busters	73	51
3. Hapa Haoles	70½	53½
4. 4 Dashes & 1 Dot	70	54
5. Sweepers	69	55
6. 4 Guys & A Doll	67½	56½
7. 4 Hits & No Miss	67	57
8. Lucky Strikes	65½	58½
9. Carl's Cadets	63	61
10. Exodus	63	61
11. Happy Five	62½	61½
12. Embalmers	59	65
13. Jennie's Brood	57	67
14. The Rejects	56½	67½
15. Woodpeckers	56	68
16. Odd Balls	49	75
17. The Bandits	45½	78½
18. Sleepers	45	79

## Librascope Keglers Win Scratch Title At Marlindo Lanes

by Fred Killips

A team of five top Librascope bowlers has walked off with the championship of the Mar-Lin-Do lanes 830 scratch bowling league in Burbank. Bucking stiff competition from 35 other no-handicap keggers, they made a walk-away of the race, winning by 61-36 over the nearest competition at 54½-41½.

The winning quintet, first ever to win a league championship under Precisioneer sponsorship, was composed of:

Bill Goeppinger, Capt.; Chuck Breuer, Sammy Summerfield, Carl Baker and George Kucks.

As many of their competitors discovered, Goeppinger and Breuer, who are State doubles champions, didn't come by their title by default!

In taking the championship the Librascopers piled up a record of 34 wins in 42 games following the end of the first round of play, also captured the season's team series title. They also racked up a total of 82,281 pins, 1,075 more than the next highest total.

## Snollgossers Win Swing Title; 2d-3rd Are Ties

by Howie Bennett

It was a foregone conclusion for the last few weeks of play that the Number 1 team in the Librascope Swing Bowling league was Setty's Snollgossers, which had been out in front most of the season. The 30th and last week of play merely made it final for the records, which show Setty's fivesome out in front by 82½-37½, a lead of 15 games over their nearest competitor.

However, as LIBRAZETTE goes to press, second, third, fourth and fifth place are up for grabs, because of two ties, and roll-offs are being scheduled. Rico's Bloopers and the Snafus wound up the season with identical scores of 67½-52½; the Spotters and Gutter Rats with 59½-60½.

Other standings: Moo Fooz—58½-61½; Pick Ups—57-63; Holey Rollers—53-67; Musketeers—51½-68½; Mazel Kins—43½-76½.

This year's play saw some mighty fine bowling every night and a lot of bowlers were revealed as being much better than they thought—or said—they were. No doubt this will be taken into consideration when the team assignments are made up for next season by the handicappers!

## Start Summer Bowling Season June 2, at Grand Central Lanes

Two leagues—one of 10 teams, the other of eight—will take part in Librascope's summer bowling program, according to bowling league president Fred Killips. The 90 men and women enrolled form the largest contingent ever to participate in summer play.

The Grand Central Bowl, scene of regular season play, also will be home to the summer league. The season starts Tuesday, June 2, at 6:15 pm and all bowlers are reminded to be prompt!

The teams haven't yet picked their names, but rosters have been drawn up as follows:

Ten Team League: Team One—Moe and Mae Lehman; Frank and Virginia Rapa; Roy L. Holmberg. Team Two—Mary and Pat Coffin; Cass Baranski; Art Levine and Gloria Gray. Team Three—Mickey Ching; Kathy Langan; Tedd Wong; Patricia Monagle and Rudy Jimenez.

Team Four—Freeman and Clara Reiter; Joe and Angie Zajac and Fred Jackson. Team Five—Ron and Joan Custer; Bill Walter; Lori Provinse, Duane Vennes. Team Six—John and Betty Grieshaber; Joe and Sue Clark and Jerry McTeague.

Team Seven—Red and Shirley Brown; Al O'Million; Jean Lincoln and Tom Alder. Team Eight—Max Jacobson; Carol Bajema; Ray Davenport; Chris Silverman and Roy Johnson. Team Nine—Paul and Donna Nelson; Mr. and Mrs. Bob Bruce; Jack Roepke. Team 10—Tony and Dolores Falco; Craig and Julie Cusick; Don Beck.

Eight Team League, Team One—Fred and Pat Hays; Wally and Janice Winstead; Bob Halpern. Team Two—Barbara and Jean Swope; Bob Harmon; Harriett Lee; Hayward Marshall. Team Three—John Littlewood; Nan Schlieflman; Bob Johnson; Beverly Kuhlman and Walt Miller.

Team Four—Angelo Pizzo; Wanda Malone; Vern Coley; Rosemarie Zuzio; Jack Neubauer. Team Five—Jason Nakashima; Gladys Bryant; Mac McClure; Adeline Thode and Joe Zietler. Team Six—Roland Taussig; Carol Shields; Art Ostroff; Ruth Warner and Enrique Valdez.

Team Seven—Gene and Carol Thomson; Frank and Evelyn White; Frank Marshall. Team Eight—Toni Fowler; Jean Leffler; Ted Nichols; Marie Willard and John McDonal.

## Special Class Trains Buyers

Twenty-five buyers, members of the outside manufacturing and purchased components groups of Purchasing, are enrolled in a special class of instruction designed to increase their technical knowledge of electronic components.

The course was set up by the Training section of Personnel at the request of Marsh Cowan, director of materiel, and is being conducted by Engineer Charles E. Flickinger of Airborne Engineering. Joe Schwarz of Training is coordinator of the project.

Sessions are held weekly in the Conference Room of Bldg. 3. The first session was held May 17 and it is planned to continue the course through July 12.

Those enrolled in the course are: Phil Rousseau, Paul Kliebert, Bob Harley, Jim Jones, Art Olson, Tom Parker, Al O'Millian, Dick Walsh, Karl Sorrell, Byron Roper, Jim O'Malley, Von Gillette, John Mandala, Joe Frieberg and Frank McQuoid.

Also, Bob Glasser, Jack Derry, Loren Maxfield, Phil Cohen, Doug Whiting, Margaret Jarnegan, Ed Van Dyne, Ray McAvoy, Roland Smith, Casey Innocenti, Larry Fatz and Chuck Brennaun.

## Special Safety Glasses

Special arrangements whereby employees who wear corrective lenses and who need to wear safety glasses ground to prescription may obtain them at reduced prices, have been made by the Production Dept. and the Safety Section of Personnel.

Employees may take advantage of the arrangements by contacting their supervisor, safety director R. W. Lee, or Supervisor Jack Perry in the Tool Crib of Bldg. 1. Librascope will pay that portion of the cost represented by the normal price of ordinary safety glasses. The difference, less a discount granted by a firm in Burbank, is to be paid by the employee.



This Precisioneer-sponsored quintet, composed of some of Librascope's top bowlers, ran away from their competition in a scratch league at the Mar-Lin-Do lanes in Burbank. The victorious five, from left to right: Lloyd "Sommy" Summerfield, Carl Baker, George Kucks, Chuck Breuer and Bill Goeppinger.

## 500 Attend Precisioneer Spring Dance

Some 500 Librascopers turned out for the Precisioneer '60 Spring Frolic at the Los Angeles Breakfast Club on May 7, estimates Jim Manley, entertainment chairman.

Midway during the festivities, door prizes were awarded. Carnation leis went to Mickey O'Grady, Page Girl, Mrs. Jim Studdard, and Julie Mussi, Experimental Machinist Dave Conrad's date. Netta Owens, wife of Internal Auditor Art Owens won a transistor radio, Jackie Millner, wife of Chuck Millner, Military Sales, won a salad bowl set.

Eileen Brown, Precisioneer treasurer, dressed in a muu-muu and carnation leis, presented the ladies attending the dance with fresh orchids from Hawaii at the door.

Dancers swung to the music of Bill Steers and his nine-piece orchestra and listened to vocalists Lynn Marshall and Dottie Richards.

Librascope Division  
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## First Class Mail