

**D. C. WEBSTER** ... Chief Engineer



#### Volume 3, Issue 9

# **Bond Drive Chairmen** Sign Up 424 in Week

Savings totaling more than \$100,000 yearly were assured Librascope employees who signed up during the U.S. Savings Bond drive.

The week-long campaign was authorized by General Precision Equipment Corporation and was conducted during the week of September 12-17 at all GPE subsidiaries. While results

from other companies in the GPE family have not yet been obtained, Librascope officials feel our drive was an unqualified success.

Almost half of Librascope's 1000-odd employes were signed up by departmental representatives during the drive.

For the statistical-minded, the For the statistical-minded, the 424 who signed up authorized pay-roll deductions totaling \$1790 a week. This sum represents the purchase weekly of bonds valued at \$2236, or \$116,272 worth of bonds a year. Individual payroll deductions average out at \$4.17 per pay period per pay period.

Major credit for the success of the drive must go to the depart-ment chairmen and their representatives who contacted each of us not once but several times during the week.

Hats off to Art Curley, Bob Mc-Buzz Newman. Ozzie Osborn, Walt Sertic, Dean Frederick, John Blake, and Lavonne Wellen for a job well done.

# Employes Approve

Enthusiastic approval of a Yule-tide charity program in lieu of a mass exchange of Christmas cards within the company is reported by the committee formed to study the plan.

First suggested by the Precision-eers and reported in the last issue of the Librazette, the idea brought generally favorable comment from Librascope employes who have watched their Christmas mailing

lists grow to unmanageable size.

# Engineering Regrouping Keyed To Growth and Diversification

Librascope's Engineering Division is moving forward in design and development work under a new organizational structure keyed to the company's growth and increasing product diversification.

Engineers, designers, technicians and clerical personnel—240

strong—regrouped forces in a manner as precise as the mili-tary forces which they team up to strengthen the nation's defenses. Five departments, each having complete responsibility and auth-ority for performing all engineer-ing phases of a project within its ing phases of a project within its area of business endeavor, emerge in the new divisional structure.



#### BILL McABOY ... Administrative

Chief Engineer D. C. Webster, who announced the changes after reviewing the organizational struc-ture with President Lewis W. Imm, stated that each department will conduct its own research and development and become expert in its field and will in addition: 1. Become familiar with poten-

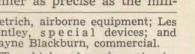
tial markets and secure new business in its own area; 2. Develop and maintain con-

tinuous customer contact; 3. Prepare its own quotes and conduct related correspondence;

Be responsible for effective performance under its contract or commercial assignments.



five departments, each The functioning under a director re-sponsible to Chief Engineer Webster, are Commercial, Special De-vices, Airborne Equipment, Ship-



borne equipment, special devices, borne equipment, special devices, and commercial departments will become smoothly functioning or-ganizations specializing in areas to which the members uniquely are suited. Teams of engineers, designers, technicians, and others will work as self-sufficient units under the immediate direction of a project manager. The Administrative Department

The Administrative Department will fulfill important liaison func-tions withother departments and with the Manufacturing Division. Under the Administrative depart-ment will be the Engineering Services and Field Service units, Services and Field Service units, and the production engineering section. Drafting and checking personnel also will be under its direction, forming talent pools from which work assignments will be made on the basis of assisting workload flexibility throughout.



#### TOM BRYANT ... Shipboard Equipment

In his August 26 letter announcing there would be an organiza-tional review, President Imm

stated: "During the past few years Librascope has been going through a period of rapid growth. This ap-plies not only to increase in facilities and number of employees, but also to the number of prod-ucts, both military and commer-cial, which have been under-taken" taken.

taken." Continuing, he said, "This diversification is desirable and adds greatly to the security of the fut-ure of the Company. Certain or-ganizational problems have re-sulted, however, and it appeared that we should review our entire engineering organiaztional struc-ture, with a view of finding the best way to get things done, es-tablish better communications and means for work measurement."

means for work measurement." In line with this, the new struc-ture is poitned toward: 1. Clearly defining individual

LES BENTLEY ... Special Devices

reaching effects on Librascope's over-all efficiency and will chan-nel the company's path toward

nel the company greater success. As stated, the divisional re-grouping and redeployment was grouping executed. Those inskillfully executed. Those in-volved, and they included the Bulk of the Engineering Division, began their mass redeployment maneuver October 1 when they weighed anchor with such prized possessions as slide rules, T-squares, drawing boards, pencils and typewriters and sailed off as far as another room or another desk area

far as another room or another desk area. Sans duffel bags, members of Librascope's engineering division utilized packing boxes in the voy-age. Most of the crew were old hands at reberthing, having taken part in the shakedown cruise of the new Administration and En-gineering building just one year ago ago.

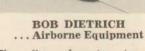


WAYNE BLACKBURN ... Commercial

### **Two Promoted in** Personnel Dept.

Continued company growth lead-ing to an expansion of personnel department functions is reflected in two in two promotions announced October 12. Ray McDonald, former employ-

ment manager, has been named to



## **Krill Appointed** To MEC Post

Appointment of Charles Krill to the post of Chief Engineer of Minnesota Electronics Corporation has been announced by Dick Hastings, MEC general manager.

Krill, supervisor of electronic engineering at Librascope since 1948, assumed his new duties September 6.

Charlie takes with him to his new post at MEC a broad back-ground of electronics experience— experience which will be of farreaching importance in the future.

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

The eight-member committee selected to formulate plans in-cludes Keith Kinnaird, Galen cludes Keith Kinnaird, Galen Mannan, Ruth Kennerknecht, Chuck Keesling, Pauline Ponnish, Charles Carroll, Herb Darby, and Mac McKeague.

Substituting philanthropy for a company-wide exchange of greeting cards is a growing trend in industry, especially with organizations as large as Librascope.

The committee is studying suggested philanthropies, many pro-posed by employes, and full de-tails will be carried in the November Librazette.

Under the projected plan, employes, who last year exchanged upwards of 10,000 Yule cards, would be invited to give a dona-tion to a company-wide Philan-thropy Pool. The actual program would be carried out with as many Librascopers as possible personally participating.

Committee members are also discussing ideas for a form of token holiday greeting to be dis-played within buildings or departments of the plant.

board Equipment, and Administrative.

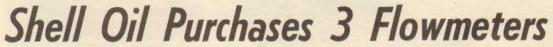
Departmental directors are Bill McAboy, administrative; Tom Bryant, shipboard equipment; Bob iobs

Spelling out areas of respon-sibility and lines of authority within the division. 2.

Both goals, according to Mr. Imm and Mr. Webster, have far-

fill the new post of wage-salary administrator.

Succeeding Ray as employment manager is Glen Seltzer, who moves over from Engineering to assume his new responsibilities



Warren Perrine, project mana-ger in the Engineering Division's Commercial Department, knows his onions about selling flowmeters; showed it recently when he landed a big, new customer, the Shell Oil Company of TCP additive fame, for Librascope.

Warren made believers out of 12 Shell Oil Company reps who were in Southern California to attend the Instrument Society of America's annual show. First First Warren explained how the Librascope flowmeter would pulse total natural gas flow on Shell trap farms (distribution points) more accurately than any other device on the market today. Then he played up the "save money" angle. Finally he showed them just how the flowmeter works. That did it!

So far Shell has ordered three flowmeters. These will be put to the test. Shell figures to order ad-ditional flowmeters if the initial three live up to their advance billing.

Most of the visiting Shell officials, who came from far distant points in the U. S. and Canada, had first learned of the Librascope flowmeter through sales literature. With their curiosity already stirred, they happily accepted Warren's invitation to see an actual demonstration.

Especially appealing to the men from Shell, is the way the meter permits direct-thus faster-reading of figures. Need for slide rule mastery and complex computation with paper and pencil, before tallying final flow, is practically eliminated.

Dark horse - and white hope, too—in Librascope's commercial product lineup, the flowmeter has also piqued interest in other industrial quarters. Southern California Gas Company, for example, has made inquiry. So have many other companies whose operations require measuring large flows of compressible fluids.

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#### THE LIBRAZETTE

ET.

**PLANT SECURITY** is a "round the clock" operation at Librascope and other firms working on vital projects linked to our national defense. The task of seeing that plant security is not breached falls to men such as the Librascope guards shown above. They are (l. to r.) Bob Trowbridge; LeRoy Brown; Archie Taylor; Charlie Myers, day shift supervisors; and Walter Doty. Not present at the time the above picture was taken were Ernie Wenberg; R. J. Blackhurst, swing and third shift supervisor; Edwin Kostland; John Carlson; C. L. Jenkins, and O. A. Young.

# **Plant Guards Hold** Key to Our Security

# Picknickers **Enjoy** Outing

As usual, the weather was un-usual for the annual Precisioneer Picnic held this year at Moun-tain Oaks Park, La Crescenta. Un-usual for a picnic, that is, since it was a beautiful day.

Several hundred enthusiastic Librascope families turned out to enjoy the sun and the fun of an old-fashioned picnic.

While the kids romped in the buyy at the throttle of the Toon-erville Trolley, the teen-agers bopped or rocked and rolled on the outdoor dance floor.

The more active of their elders indulged in a milder form of exercise, limiting themselves to a little baseball, some horseshoe pitching, and a cooling dip or two in the pool with the younger set. Librascope President Lewis Imm was on hand for the festivities and

proved himself no mean hand with the stein and the paddle.

Precisioneer picnic committeeonsit or t

### By DONNA SNYDER Librazette Staff Writer

A security program without national defense plant guards certainly would be akin to a dike with a thousand holes.

Yet, the efforts of these men who keep watch over Librascope are often undervalued and sometimes misunderstood.

When Librascope sentinels such as Charlie Myers, "Pop" Giles, and Ernie Wenberg insist on seeing EVERY employe's

hours.

rest while working.

badge as they enter the plant and all material carried out, they are not being cantankerous. Rather, they are holding to a guard's card-inal rule of NO EXCEPTIONS.



**Radiation Detector for Civil Defense Offered** 

Compact. Inexpensive. Easily operated and read.

This is what the military and civil defense wanted in a radiation detector and this is what Librascope's research laboratories are ready to give them.

The Balanced Ionization Chamber, known as the BIC-2, is in limited production after months of design and development.

Scientifically, it is regarded as especially significant because it is NOT in the geiger counter category.

Only its size—18 ounces, 3 by 3 by 6 inches—belies its impor-tant-scounding name. What it will do for the civil defense worker or soldier moving into an atom-bombed area is not only important but life-saving.

A flick of the switch and the wearer would know almost in-stantly how long he could remain in the contaminated area without suffering fatal radiation.

Switched on, the instrument begins radiation measurement by balancing the negative ion current of external radioactive material again the positive ion current which an alpha transmitter with-in the BIC-2 is developing.

As the negative ion current mounts, a radium-treated needle measures the corresponding radiation factor on a calibrated scale of roentgens. The BIC-2 scale ranges from .05 to 50 roentgens per hour.

Fatal radiation to a human be-ing is approximately 200 roentgens.

By dividing the scale reading into 200, the wearer can easily determine the time length before radiation is fatal.

radiation is fatal. If the BIC-2 scale reads 50 roentgens, the wearer would know a four-hour stay would prove fatal. Under a reading of "50," according to scientists, a person could remain safely in the danger area from one to two hours, taking about half of the fatal dosage of 200 roentgens.

Shock- and moisture-proof, the BIC-2 will operate for up to 180 hours on hearing-aid batteries. The sealed unit is easily carried by a permanent belt, or shoulder strap, attached to the instrument. Other than periodic changes of

Other than periodic changes of the batteries, the instrument requires no further service maintenance or adjustment.

# Toastmasters **Organize Here**

October 1955

Librascope employes interested in mastering the art of extempo-raneous speaking have joined to-gether to form a local chapter of the Toastmasters Club.

the Toastmasters Club. The Toastmasters, a group ded-icated to the proposition that man can talk in an interesting and in-formative manner without re-course to notes or a script, has chapters in almost every city, vil-lage, and hamlet in the country. Prospective members of the Lib-rascope chapter met as guests of the Eagle Rock chapter, Septem-ber 29, to get a first-hand view

ber 29, to get a first-hand view of toastmasters in action. Called upon to participate in the

Called upon to participate in the Table Topics session (a regular meeting feature wherein members are required to give a one-minute talk on a subject made known to them only as they arise to talk) the Librascope group, 21 strong, conducted themselves with the aplomb and sang froid of a Jessel. When the smoke of oratory had cleared, Ray McDonald, employ-ment manager, was tapped as the

ment manager, was tapped as the top toaster. Art Peterson, production control,

Art Peterson, production control, served as temporary chairman of the local chapter, pending elec-tion of chapter officers at the in-itial meeting October 5. Assist-ing him were Bill Balch, purchas-ing, and Voyle Sipes, production control. Maury Kimmel, model shop, vice-president of the Eagle Rock chapter, is serving in an ad-visory capacity in the organization of the Librascope chapter. Results of this October 5 elec-tion were as follows:

tion were as follows:

President, Sid Briggs; vice-pres-ident, Art Peterson; educational vice-president, Walt Sertie; sec-retary, Bill Greer; treasurer, Bill Brown; sergeant - at - arms, Bob Whitcomb.

# Parking Lot to Be Locale of Glendale 1955 Gymkhana

Librascope's parking lot will assume a racier aspect than usual Sunday morning, October 16, when the clan gathers for the second annual Glendale Gymkhana.

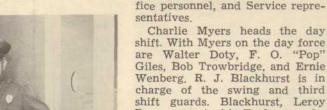
When action begins at 9 a.m., sports car enthusiasts will have a chance to watch highly skilled drivers pilot their favorite sportsters through a tricky, pylonpunctuated course.

Several members of the Librascope Sports Car Club plan to pit their driving skills against entrants from other clubs throughout Southern California.

# Ambassador Hotel To Be Dance Site

Scene of this year's Precisioneer sponsored Christmas dance will be the Ambassador Hotel's Embassy Room, Precisioneer President John Delle Fave anounced last week.

A Precisioneer committee is currently making plans for the gala affair. Date of the dinner-dance,



this year's affair were Loy Thomp-son, Jack Perry, Roy Gombert, Bud Bradley, and Bob Garrett.

### The Librazette

Photographer

Lee Duggan

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Bill Goeppinger	Adjustment
Doris Appleby	Assembly
Charlotte Hoskinson	Engineering
Marge Anton	0

		ufacturing		
Robert	t McCol	lumM	odel S	shop
Mac I	<b>IcKeagu</b>	le	Perso	nnel
Ray N	IcDonal	d	Perso	nnel
Betty	Meyer	Productio	on Cor	itrol
Millie	Calitri			ales

#### F. O. "POP" GILES ... Security Plus

Librascope's guards, and their counterparts throughout the nation, are the men immediately responsible for preventing classified information from falling into unauthorized hands.

Theirs, indeed, is a great re-sponsibility and it can best be carried out by keeping unauthorized personnel out of the plant by the use of badges, and by keeping all classified papers and mate-rials in the plant by requiring package passes which are issued by a responsible supervisor.

Bulwarking the security program is not a completely strange job to the 12-man Librascope guard team.

the regular checking of employes at shift changes, are responsible for escorting, or providing an es-cort, for all visitors and outside service people while they are within the plant, with the excep-tion of those holding complete clearance.

Nearly every member of the team has a public protection or service job in his background.

Included are former fire depart-

ment captains, policemen, post of-

Brown and Archie Taylor are the

swing shifters; while Edwin Kost-land, John Carlson, C. L. Jenkins, and O. A. Young work graveyard

Contrary to the popular concep-tion, plant security officers don't

The day guards, in addition to

Also within the guards' jurisdiction are delivery trucks and their drivers who are not allowed beyond the doors of the shipping and receiving department.

And if you think the night guards have time to relax, check over their duties and the walking involved in patroling the company area. The three buildings are al-ways under 24-hour surveilance. A total of 39 clock stations are distributed throughout the build-ings and each of these stations must be checked every hour. As the wag said, keep walking!

Next time it's raining and your badge is "lost" under a mountain of wet weather paraphernalia, don't grumble at the wary guard. So, he's seen you every morning for five years—just try to remem-ber that he's not taking you for granted and he only asks the same of you in return.

Engineering's Fred Kirr and Bud Linsley; Denise Miller and Pat Hanson from materials con-trol; Factory Superintendent Har-lan Buseth; and Lloyd Sommerfield, general foreman, have al-ready signified their intentions of competing for top honors.

Sponsored by the Glendale Junior Chamber of Commerce in cooperation with the T. C. Motoring Guild, the 1955 Gymkhana prom-ises to be bigger and better than ever.

ever. This year's event brackets com-petition into four classes: Over 100-in. wheelbase (Jags, T-birds, Corvettes); under 100-in. wheel-base (MG's, Porsches, Volkswag-ons, Austin Healeys, Singers, Mor-gans, and the like); closed sedans; and "specials."

The "special" class promises to draw a weird variety of homemade, hand tooled, unique-bodied vehicles powered by "bootleg" fuels. A committee will rule on the acceptability of entrants in the special class.

which will be semi-formal, is Friday, December 23.

Carroll Wax and his orchestra will provide the dance rhythms. Additional entertainment will be furnished by the Libratones, com-pany choral group, who will pre-sent a program of Christmas carols.

### **Library News**

The following books have been added to the Precisioneers library:

#### FICTION

FIGTION Marjorie Morningstar, The Fon-tine, Flight from Natchez, The Four Winds, Band of Angels, The Virginia Exiles, The Sixth of June, The Web of Victory, The Man in the Gray Flannel Suit, The Break-ing Waya ing Wave.

Several new mysteries have also been added to the library's collection.

#### NON-FICTION

Grand Inquest, Arctic Doctor, Eleanor the Queen, Tibetan Marches, Beyond Expectation — The Volkswagon Story, and Amer-ican Science and Invention.

October 1955

**Catalina Bound** 



JUST ABOUT READY to shove off for Catalina island's Camp Fox are JUST ABOUT READY to shove off for Catalina island's Camp Fox are three of the four boys who were named winners in the essay contest sponsored earlier this year by the Precisioneers. The youngsters spent eight fun-packed August days swimming, hiking, fishing, and learning handicrafts on beautiful Catalina. The boys, shown here with Chuck Baumgard, essay contest committeeman who presented \$5 spending money to each of the youths before they left for camp, are (l. to r.) Tommy Nelson, son of Bob Nelson, then in engineering; Carl Haldwell, son of Leona Sahl, assembly; and Dennis Elkin, son of Sol Elkin, field services. Not shown is Gary Brown, son of Eileen Brown, Precisioneers store, who left for the camp a week later.

### Anglers End Season on High Note

Librascope devotees of the Isaac Walton cult were all set to call it quits for the season following their most successful fishing trip of the year.

The anglers, 18 strong, boarded their charter boats, the Star and Crescent, at Port Hueneme, Sunday, October 2. Braving an early morning sea that was running a bit rough, the boats

put out for Santa Cruz Island. It wasn't long, however, before the sea calmed down and the sun came out. Nor did the eager fishermen have long to wait before the fish started biting. Bass, red snapper, and California grouper were hooked and landed in quan-

tity, with some anglers hauling in two at a time. The day, from the fisherman's standpoint, was a whooping success, with no one going home empty-handed. How the fish felt about all this was not recorded.

Prizes were snagged as follows: Biggest fish-Buzz Newman Second biggest fish-Jack

Perry Most fish-Ray McDonald

Arrangements for the charter trip were made by Carl Miller. Unfortunately for Carl, he couldn't make his own party. Maybe Carl doesn't trust his fellow fishermen anymore, eh, Carl?



Librascope welcomes the following new employes: Personnel-

Eleanor Dowdy

Manufacturing Methods -Mattie Bollman, Linda Hustedt, Donald Knights, Keith Martin, Ruth Slike, Victor

Watson

Water Color Entry Accepted for Show

Paul Kane, senior technical il-lustrator in engineering services, has been accepted for membership in the California Water Color Society.

Membership in the society is limited to those who have their entries accepted for exhibit in the annual national exhibition of water color painting sponsored by the California group.

For the past three years Paul has submitted the required three entries, with no success.

This year, Paul made it when a jury composed of California's leading artists selected one of his entries for the Society's 1955 exhibit.

Paul's painting, titled "Retired," depicts a waterfront scene. His, and other paintings submitted by and other paintings submitted by fellow western artists, will re-ceive their initial showing at the Long Beach Municipal Art Cen-ter, October 30 through December 4.

- Model Shop Sol Giles
- Inspection -
  - Ruby Cordero, Phyllis Harris, Alden Robinson, Frank Toom-ey, Henry Warden ction Prod ontrol

THE LIBRAZETTE

# **Thousands View GPE Exhibit** At Tenth Annual ISA Show By JIM ROBINSON

#### Librazette Staff Writer

Scientific wares and services that may trigger a new industrial revolution were viewed by thousands of visitors attending the Instrument Society of America's tenth annual Instrument-Automation Conference and Exhibit.

More than 325 exhibitors displayed their products in Shrine Auditorium, September 12 through 16. Purpose of the ISA

show: "... to reveal how instru-ments and automatic controls strengthen our defense, our national economy and our American standard of living."

Graphically portraying its his-tory of dramatic growth in fields of technical wizardry, Librascope's display caught the admiring eyes of many. Also showcasing representative products, in the largest single display at the five-day session, were these additional members of the General Precision Equipment Corporation family: Askania Regulator, Kearfott, Link Aviation, and General Precision Laboratory

Librascope's exhibit starred the company's recently developed flowmeter for gases. A real boon to the oil, gas, and chemical industries, this intricate device continuously computes pipeline flow within one percent of the total. Unlike previous flowmeters, Librascope flow computer tallies total flow past a given point dur-ing any specified time period.

Sharing the spotlight with the flow computer were our highly efficient transistorized servo amplifier and a precision-built lab-oratory drum for use as a compu-tational or memory unit in a digital computer.

The magnetically-gated servo amplifier can be employed to step up a weak signal voltage sufficiently to drive a servomotor which could, for example, open or close a large valve. About the size of a pack of cigarettes, the servo amplifier contains two tiny pow-er transistors—those mighty mites of the electronics industry which give promise of replacing the vacuum tube.

Importance of the ISA show was indicated by the attendance of top officials from GPE and participating companies who flew out from the east coast to attend.

Among those in attendance at the show were Hermann G. Place, president and chairman of the board of General Precision Equipment Corporation; Robert T. Rin-ear, GPE vice-president; Dr. R. L. Garman, vice-president and managing director of General Precision Laboratory; Blair Foulds, vice-president of GPL; and Otto Kolb, GPL representative; H. J. Velten, president, Askania Regulator; H. Ziebolz, Askania vicepresident; J. Kaufman of Link Aviation; J. S. Gassaway, local Kearfott representative.

President Place, in commenting on the show, stated that with the growing automation of American growing automation of American industry, instrumentation becomes increasingly vital to technological progress. The activities of the In-strument Society of America, he went on to say, are particularly valuable in this connection, and the annual ISA Conference plays an essential part in enabling in-dustry to keen abreast of the latdustry to keep abreast of the latest developments in the field.

Ed Couleur, Librascope sales engineer, coordinated the GPE exhibit and did an excellent job. Ken Slee, sales manager, assisted by sales engineers Dave De Haas and Wilbur Silvertooth, and members of the design and project engineering staffs, manned the three booths

With the successful 1955 show recorded, ISA is already looking ahead to its 11th annual Confer-ence and Exhibit. Next year's show will be staged in New York City's Coliseum, September 17-21. Many European firms are expected to participate in the 1956 program when ISA will again alert its members to the latest developments in instruments and automation

# Winter Bowling **Gets Underway**

After a false start and some fast reshuffling of teams in the starting gate, the Librascope winter bowling league was off and roll-ing at the Burbank Bowl Sept. 15.

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Complications resulting from a shortage of teams on the official opening night (Sept. 8) prompted the team captains to wipe results of that night's timber toppling off the record.

Thirteen company teams and a lone entrant from MEC make up the Thursday night league. While the caliber of bowling leaves something to be desired, the competition among the teams certainly doesn't.

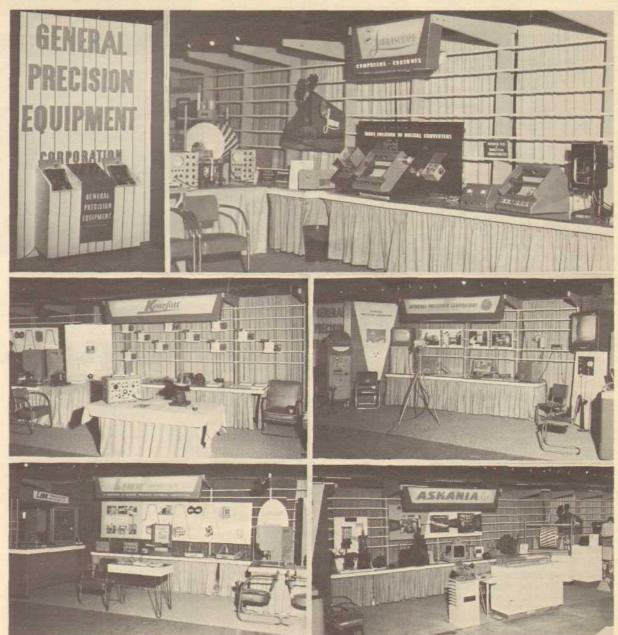
Team standings as of Oct. 1 found the Super Doops leading the pack with a  $9\frac{1}{2}$  and  $2\frac{1}{2}$  rec-ord. The Bob Cats were in the second slot  $\frac{1}{2}$  game out at 9 and 3, while the Guzzlers, Ceci's and the Guttersnipes were tied with 8 wins and 4 losses. The rest of the field was spread out behind the leaders with the Pin Heads' 2 and 10 record relegating them to the cellar

### **Company Adds New Air Show**

"Science Reporter" - a fiveminute radio show presenting the latest scientific news in layman's language — is a new Librascope public relations program.

The programs, which began under Librascope sponsorship on September 1, is heard at 5:00 p.m. five days a week over KHJ. It joins Librascope's familiar "You and Your Future" show, which is broadcast Monday through Friday at 6:55 a.m. over KABC.

#### Deadline for the November Librazette is November 1.



#### Toolroom

George Abele, Raymond Car-rier, George Cooke, Jon Mc-Dowell, Archie Sullivan, Allen Wecks, John Welsford, Sam Zatikin

Accounting — Frances Carlson, Gene Dean, Jacqueline Temple

#### Assembly -

John Arcand, Laura Barrett, Rose Bowman, Arthur Emond, Jane Francis, Alexander Golstab, Raymond Goodrich, Joan Howlett, Suzanna Kovalchik, Dorothy Lane, Jewell Mc-Adams, Geraldine McCorkle, Rose Pascone, Genevieve Pat-riccia, Delia Price, Ann Richard, Rose Richardson, Juanita Robinson

#### Engineering

Patricia Baker, William Car-penter, William Chase, Ed-ward Chosa, Charles Flannell, Clarine Miller, Bruce Posey, James Robinson, Lothar Schmidt, James Simon, Gaylord Vance, Alan Werner Paul Schula

Esther Andrede, Ronald Bak-er, Ronald Freda, William Tappa, Tommy Smith

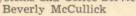
Shipping and Receiving -Arthur Moreno, Emanuel Palilla

#### Purchasing -

Mary Lou Hockstadt Machine Shop -

James Abbott, Hugo Amantea, Francis Anderson, Clifford Barnes, Jack Boen, Charles Breuer, William Cartwright, Donald Crawford, Alfred Emmons, Gary Evans, Harold Folsom, Jim Haenisch, Floyd Haskins, Ur bana Hemphill, Norman Higgs, Leigh Hilt, Robert Jette, John Kazantzis, Adney Milliken, Edmund Perry, Joseph Pleso, Harvey Robbins, George Starr, Al-fredo Uribe, Joseph Vanek, John Veytia, Kenneth Weim-dorf, Roe Wilson, Paul Woerle, John Warnelduff John Womelduff

Systems and Procedures --Judy Wagner Systems and Office Services -



#### THE LIBRAZETTE

SUPERVISORS IN the Manufacturing Planning department meet with Department Head Earle Runion (extreme left) to consider ways and means of promoting manufacturing efficiency. The five men named to supervisory posts in the recently organized department are (standing, l. to r.) John Delle Fave, tool design; and Charlie Cole, Tool Engineering. Seated (l. to r.) are Ed Sullivan, Time Standards and Estimating; Loy Thompson, night shift tool room foreman; and Bob Berg, Methods Engineering. (Photo by Duggan)

# New Department to Provide **Improved Production Planning**

### By JOE MESCH Librazette News Editor

Company emphasis on manufacturing efficiency and its resulting higher production and cost reduction is reflected in the formation of a new Librascope department.

Earl Runion heads up the recently organized Manufacturing Planning Department.

The new organizational setup tion of the entire manufacturing process by bringing into close daily contact the men responsible for estimating, defining produc-tion operations, procuring tooling, and allied functions. We have a setup will provide closer coordina-plays a key role in the depart-ment. Its principal functions involve tool design, tool manufacture, and tool control. In order to prepare and procure the best possible tool

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Key groups in the department are Methods section, Tool Engin-eering section, and Time Stand-ards and Estimating section.

While these groups were all in existence before the new depart-ment was formed, their functions are consolidated for the first time within a single department. This consolidation will permit closer coordination between these func-tionally related groups.

In line with the Librascope pol-icy of promoting from within, for-mation of the new department saw five veteran employes elevated to supervisory posts.

Assuming the reins as super-visor of the Methods Engineering section is Bob Berg. The Tool En-gineering section is headed by Charlie Cole with John Delle Fave, popular Precisioneer prexy, being promoted from lead man to supervisor of tool design Fad Sul supervisor of tool design. Ed Sullivan takes over in the Time Standards and Estimating section. Loy Thompson moves up the lad-

tool design, tool manufacture, and tool control. In order to prepare and procure the best possible tool for a given job, the tool designer works closely with the methods engineer. He assumes joint re-sponsibility with the methods en-gineer and the tool maker for the performance of the finished tool. The Tool control group is re-sponsible for delivery of all tools in advance of job issuance by the production dispatcher. By coordinated control of tool

By coordinated control of tool design and tool manufacturing time, the Tool Engineering section will eliminate or greatly alleviate

will eliminate or greatly alleviate those production problems which can arise from the failure to have a new tool, tried and proven, ready for use when needed. The Time Standards and Estim-ating section is concerned with what is probably the least un-derstood aspect of production planning. Time study is by no means a new concept to industry, but appreciation of its true worth was long in coming. It is an es-sential ingredient in all intelli-gent production planning, and its gent production planning, and its importance can be seen in the increasing number of firms that are utilizing it to reduce costs and increase production. The time study engineer sets the time standards for both set-up and running time on the operation in-struction sheet prepared by the Methods section. This is no arbitrary standard set forth by the engineer. Rather it is established after carefully reviewing the part detail print and the tool descrip-tive material. All work element time standards are then checked against data developed from thousands of time studies set in shops throughout the United States during the past 25 years. Operations sheets are checked by the time study engineer for clarity, accuracy and sequence. If changes are necessary they are re-viewed by the Methods engineer and corrected. The section also assumes re-sponsibility for project estimating. These estimates are prepared from actual time standard data, ac-counting records, and information provided by the Purchasing department.

# **Dark Horse Victories Mark Play in Calcutta Tourney**

Elimination of last year's winner, Bill McAboy, and the threat to Librascope golf supremacy posed by two dark horse entrants from MEC marked play to date in the Calcutta playoff.

McAboy, after downing payroll's Bill Brown in the first ager, Dick Hastings on the 19th hole. Bill, forced to give away 14 strokes to Hastings, managed to

finish the 18-hole match all even only to go down to defeat on the first extra hole.

Joining Hastings as a semi-finalist in the lower bracket was a second MEC contestant, Wally Jobe. Jobe outlasted Forrest Mc-Coll to win his first round match 1 up and then defeated Glen Selt-zer 6 and 5 in the quarterfinals.

The upper bracket finds Carl Culver meeting the winner of the Bill Singleton-Tom Ryder quar-terfinal match for the right to meet the lower bracket winner for the championship.

Culver downed vice-president Bill Bratton 6 and 4 in his first match and then had to go 34 holes before conquering Cliff Godwin. Godwin earlier downed medalist Kenny Gowan 2 and 1 before bowing to Culver.

While a 28-stroke handicap coupled with his defeat of six-times champion McAboy marks Dick Hastings as the man to beat, he may have his hands full in his semifinal match with Wally Jobe, who sports a 20-stroke handicap of his own.

Handicaps play a big role in the upper bracket also, where Bill Singleton with a 24 meets Tom Ryder who must shoot to a 15 or better if he hopes to gain a semi-final beeth final berth.

Local interest in golf has re-mained at such a high pitch, that Art Curley has initiated a second flight tournament in which forty Librascope golfers have entered. The size of the field plus the end-ing of daylight saving time will ing of daylight saving time will probably keep this tourney going until sometime next spring. With the cooperation of the wives and the weather, however, it should be ended before qualifications for next year's annual tournament gets under way.

# Stone Work

Raymond Rockwell, field serv-ices, and his wife, Alice, have adopted a baby boy. The infant, born August 7, has been christ-ened Scott Lee.

Woody Seney, engineering serv-ices, and his wife, June, returned from a 3-month stay in Chicago, October 1. While there, Woody conducted an orientation course in systems instruction at Great Lakes NTS for U. S. Navy fire control instructors.

Diane Lewis, production control, is still talking about the one on the house she didn't get for bowl-ing a sparkling 102 the opening night of the season.

Ellen Bunting, engineering serv-ices, her husband, and two sons moved into their newly acquired home at 1935 Chilton, Glendale, on October 1.

Jay Wiltsie, military sales, is now ready for his blind flying checkout following his recent fish-ing excursion to Malibu. Seems his ceiling and visibility were both zero-zero, and Jay, navigating by dead reckoning, hawed when he should have geed. How did they bit in Carpenteria, Jay?

Betty Wyatt, engineering serv-ices, her husband, and little girl, Sandra, moved into their new home at 13424 Dyer Street, San Fernando, on August 20.





DO IT YOURSELF enthusiasts may be missing a splendid opportunity for adding ornamental - and useful - bric a brac to their collections by overlooking the potential in alabaster carvings. Del Elwood, process lab, has achieved some striking effects with his carvings as indicated in the top right photo. Elwood offers additional evidence of his skill as a craftsman in the group of miniature tools exhibited in the left hand photo-

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der as the new tool room foreman on the night shift.

As now constituted, the department offers the men and the means for applying proven production techniques and procedures geared especially to Librascope requirements.

The Methods Engineering sec-tion, for example, has as its prin-cipal function the preparation of process instruction sheets. These sheets specify the kind and sequence of manufacturing opera-tions, naming the machine to be used, detailing machine setup instructions, and providing a com-plete listing of all tools to be used.

Methods engineers work with the Tooling section to develop the best tools for a given job and see to it that all tools are prepared in advance of the job issuance by the dispatcher

The Tool Engineering section forms the second major division in the Manufacturing Planning department. Because tool engineering is the basic foundation for production economy, this section

graph. The cigarette in the top right corner of the picture gives an idea of their tiny size. (Photo by Duggan)

# Hobbyist Works in Alabaster

### By BOB DUFF Librazette Staff Writer

Stork Club

Robert Nielson, engineering, girl. George Ouijian, adjusting, girl. Melvin Nelson, engineering, boy.

Don Derrington, engineering, girl. John Walker, engineering, girl. Arthur Crieger, machine shop, boy. Ray McDonald, personnel, boy. Charles Burgess, machine shop,

Chuck Ramba, inspection, girl. Paul Litvinoff, inspection, girl.

boy

Delmar Elwood, Process Lab, has been carving things ever since he can remember. In fact, it has turned into a very interesting hobby

Among his earliest recollections is the time he kidnapped a large sugar beet from a field near his home in Oxnard. When he finished working on it he was probably the only man in California with a sugar beet horse and wagon. However, after a few days the sugar beet shriveled up!

Del turned his attention to more durable materials such as wood, metal, stone, and plastic. The items he makes from these materials are useful as well as ornamental.

In 1941, Del made a miniature

pair of pliers (pair at right in photo) while working at Boeing Aircraft in Seattle. The collection of tiny tools grew in number, taking a total of 13 years to complete the set shown. Of course, the tools were made off and on at spare moments. The largest investment in time was made in the pipe wrench (at right in photo) which cost 14 hours of patient effort. The cigarette at upper left of photo gives some idea of the detail, particularly since the wrenches and pliers actually work.

Del has two brothers who are rock hounds, a particular breed of hobbyists interested in minerals occurring in the natural state. Through them, Del became inter-ested in carving rocks. Del's brothers told him of a deposit of alabaster at Ventacopa, between

Maricopa and Ventura. The three brothers went to Ventacopa and with eleven hundred returned pounds of alabaster.

From this raw material, Del carved the objects in the right hand photo. The mermaid, for example, took 26 hours to carve, and appears to be well worth it.

Alabaster is a soft translucent variety of gypsum that can be worked with woodworking tools. Del uses a handsaw, drill press, lathe, and other woodworking tools in addition to a valve scraper and files in producing such items.

Del Elwood's hobby is not only a satisfying avocation, but useful and ornamental as well—not to mention the possibility of a buck here and there, even a carved one!