

LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

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NEW BUSINESS

\$2 Million Add to FRAM

The Glendale branch and the Navy's Bureau of Weapons have negotiated a \$2,000,000-plus contract for FRAM follow-on production, calling for a fixed-price per unit, plus a percentage of all savings Librascope is able to achieve.

A typical FRAM system consists of the Mk 53 attack console, the Mk 134 computer, the Mk 78 position indicator and associated hardware. The current contract carries production through August, 1963.

Called a fixed-price incentive contract, the award reflects a Department of Defense policy which is expected to be widely applied in all defense contracts. The Government's aim is to reward efficient producers and, at the same time, reduce the cost of defense materials to the taxpayer.

The F-P. I. contract is the first such to be awarded Librascope in recent years. Previous contracts have been CPFF (Cost Plus Fixed Fee); FFP (Firm Fixed Price); RFP (Redeterminable Fixed Price) all without incentive payments.

There are also CPFF-Incentive and FFP-Incentive contracts in which the incentive payments are geared to the successful attainment of cost and delivery targets.

The "New Look" in defense contract policy means that virtually all contracts will be awarded on a competitive basis, Tom Bryant, Glendale branch manager told LIBRAZETTE.

This means, Bryant said, that no defense contractor has any guarantee that it will receive a production contract, even though it may have conceived the design and have done the development and prototype work. "Price and performance are the governing factors," he said.

Glendale, because of its cost improvement program, has improved its ability to meet competition, but continued cost reduction effort is needed, Bryant said.

New Air Force Contract

Aerospace branch added to its backlog of business during July with the receipt of a letter contract for the design modification and manufacture of two



LIBRASCOPE ORIENTATION — Better than 30 new Librascopers gathered in Bldg I-03 conference room last week to hear Division training specialist J. J. Schwarz (far left) outline the background and policies of their new company. The orientation class, a regular part of our "get acquainted" program, was the largest held in recent months.

complete AN/ASN-24 (V) computer systems.

Initial funding is for \$215,000 and the total contract, with input and output devices, display equipment, documentation and test equipment is expected to reach \$650,000.

Destined for the Air Force 665-A program, the computer systems were ordered by the Aeronautical Systems Division, USAF, at Wright-Patterson Air Force Base, Dayton. When completed they will be flight-tested with special sensor equipment at Dayton.

Engineer Tom Zander has been named Project Manager for the contract and Bob Horton, of Contracts Manager G. R. Gibbs' staff, has been appointed project administrator.

USAF Award to GPI-Aerospace Division

As LIBRAZETTE went to press, General Precision-Aerospace, at Little Falls, N.J., was notified that it had been awarded the prime contract for the guidance and control system for the Air Force's Mobile Medium Range Ballistic Missile. The notification came from the Ballistics Systems Division of the Air Force.

Authoritative press reports described the award as a \$185-million contract, extending over the next four years.

JPL Contract to Reliability

Librascope's Division Reliability department has been awarded a contract by Cal-Tech's Jet Propulsion Laboratory to evaluate the performance and reliability of components used in current and planned spacecraft operations.

The components, according to Director W. J. Picker, range from standard transistors and diodes to highly complex integrated and microelectric circuits.

Reliability engineers will subject the components to shock and vibration, high vacuum, extreme temperature ranges and other conditions encountered during launch, space flight and reentry.

BACK HOME

Librascope Reservists Return

Reservists and national guardsmen who answered our nation's call to the colors a year ago, are now returning to civilian life. And for those Librascopers who have been away on military leave of absence, their old jobs are waiting for them.

The familiar faces who will be turning in the military livery for civilian apparel, include:

Navy—Lt. J/G David R. Finley, who will return to Glendale engineering, following a tour of duty aboard the USS Marsh; and John T. Hendrix (EM-FN), aboard the USS Colohan, who will return

LIBRAZETTE

**GENERAL
PRECISION**

**LIBRASCOPE DIVISION
GENERAL PRECISION INC.
GLENDALE 1, CALIFORNIA**

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Reservists Return (cont.)

to Glendale Quality Control as a junior engineer.

Air Force—Capt. Donald L. Gallop, San Marcos field engineer, a returnee from the 115th Air Transport Sqdn; T/Sgt Paul Diamond, Glen Publications tech writer, a member of the 195th Air Transport Sqdn; and T/Sgt Richard X. Johnson, Glen Production Test Equipment De-

One returning reservist, who never really had a chance to get acquainted with his fellow employees, is Thomas E. Roberts, soon to be discharged from Ft. Hood, Texas.

Roberts joined Librascope's Burbank branch as an office services clerk in May, 1959. Three months later, he was drafted into the Army. He returned in August, 1961, only to be recalled to active duty less than two months later.

Roberts returns this month with what he hopes to be a longer stay at Librascope. His record to date: Librascope time—five months; Army time—three years.

sign, with the 146th CAMRON Squadron, Van Nuys.

Army—1st Lt. Harold E. Compton, Division training, on his way back from Ft. Bragg, N.C., and a year's duty with the 308th Psychological Warfare Co.; and Wayne M. Niehuus (SP4), San Marcos designer, returning from the 916th Engineering Group.

MARKETING

Heading Our Western Region

Zachary K. ("Jack") Geanes, once a competitor of Librascope in the military hardware business, has been designated Director of the newly-organized Western Region of Division Marketing.

Geanes (pronounced "Jeans") was appointed to his new post by Director of Marketing R. O. Vaughan. He will direct marketing in the eight-state area of



GEANES



REYES

California, Washington, Oregon, Nevada, Utah, Colorado, Arizona and New Mexico.

Marketing personnel in the L.A. regional office and Librascope representatives in San Diego, San Francisco and Seattle will report to Geanes.

It was while a Senior Systems Engineer for American Bosch ARMA Corp. for 13 years, that Geanes found himself in competition with Librascope on Navy fire control system contracts. Later, while Western Division Manager for Lockheed Electronics Co., he worked in concert with Librascope in team efforts to obtain Government awards.

"You might say I know Librascope pretty well," Geanes observed to LIBRAZETTE, "and it feels great to be a member of the organization."

Geanes, who earlier was AVCO Corp.'s west coast marketing manager, was Director of Corporation Marketing for Quantatron, Inc., Santa Monica applied science firm, before joining Librascope.

A native of New York City, Geanes studied mechanical engineering at the University of Virginia, and electrical engineering at the Cooper Union Institute of Technology. He is a member of the American Marketing Ass'n, Navy League,

THE SECRETARY OF THE NAVY

*in recognition of support of the
UNITED STATES NAVAL RESERVE
takes pleasure in presenting this*

CERTIFICATE OF APPRECIATION

to

LIBRASCOPE DIVISION GPI

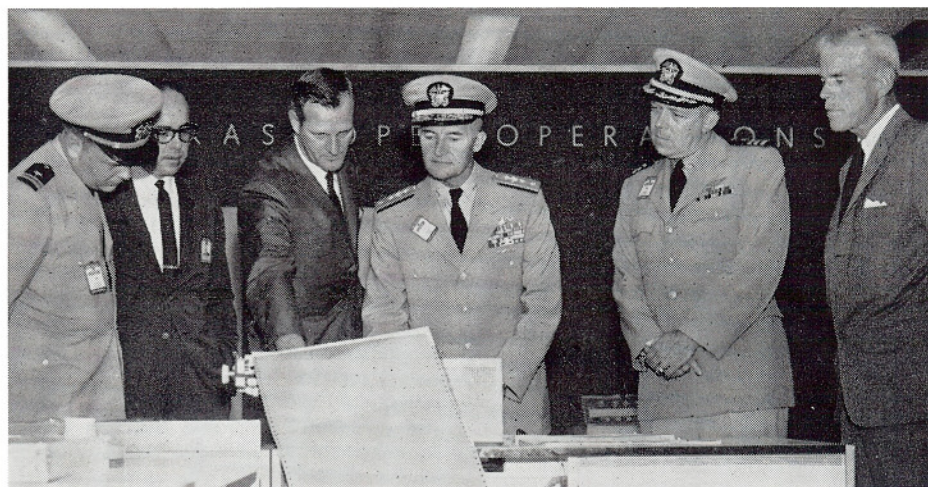
*for the patriotic support and public spirited cooperation
displayed in the release for active duty in the Naval Reserve
of your valuable personnel during the period
2 October 1961 to 1 August 1962.*

*In recognition of these outstanding services which were
rendered in an unselfish manner this certificate
is presented this 1st day of August 1962.*



Fred North
FRED NORTH
Secretary of the Navy

CERTIFICATE of appreciation from the Navy to Librascope in recognition of support given to Naval Reserve program in releasing Librascopers to active duty, has been received by Rear-Adm S. E. Burroughs, Vice-Pres of Librascope.



NAVY VISITORS — R/Adm I. J. Galantin, USN, (third from right) director of the Navy's Special Projects Office, views a demonstration of LOCS in Bldg A-01. Admiral Galantin heads research, development, and production of the Navy's Polaris weapon system. Accompanying the Admiral during the tour are (left to right): Lt. R. D. Buzzard; T. D. Bryant, Glendale branch manager; W. F. Girouard, Division director of industrial engineering; Adm Galantin; Cdr M. H. Holt; and S. E. Burroughs, (R/Adm, USN, ret.), Librascope vice president.

Air Force Assn, the AOA, the IRE and the Armed Forces Communications and Electronics Ass'n.

Married and the father of a 16 year old daughter, Geanes makes his home in Pacific Palisades.

New Regional Rep

Joseph A. Reyes joined Librascope in late July as a Regional Engineering Representative on the staff of Myron R. Prevatte, Vice-Pres and Manager of the Washington office.

Reyes (pronounced Rays) is a graduate electrical engineer (University of Maryland), a former senior engineer with Westinghouse-Baltimore and was assistant manager-applications engineering, with the Laboratory for Electronics before joining Librascope.

At Westinghouse Reyes was active in research and development in radar, later moved into radar applications engineering.

Married and the father of seven youngsters, Reyes makes his home in Bethesda, Md. He is working on his thesis for a Master's degree in Engineering Administration at George Washington University.

Plotting the Course

Librascope's marketing objectives and plans for achieving them, were set forth July 26-27 at a division-wide meeting of company leaders and marketing specialists.

It was the first meeting in company history at which virtually every man in marketing and in top management took part. Some 54 individuals from all points of the compass were at the gathering, held in the Hollywood Roosevelt hotel.

Pres W. E. Bratton presented the Division's over-all plans and policies; Vice-Pres R. M. Brunson explained GPI corporate, Division and Branch marketing policies; R. O. Vaughan, Division Director of Marketing, explained the structure of the Division marketing organization,

Regional Office responsibilities and how the Division marketing operation is directed.

Vaughan also presented a forecast of expected bookings over the next three years, based upon stated procurement plans for various governmental and military agencies.

"It is our opinion that, by the latter part of this year that the booking curve will begin to rise substantially," Vaughan said. "We look for solidly beneficial results for the company, particularly in the more advanced space projects."

A review of long range GPI plans was offered by P. G. Bardos, Division planning director; current and next year's plans for advertising and public relations were explained by K. J. Slee, resident representative of Weekly and Valenti, Librascope's advertising agency.

R. A. Dietrich, Division director of technical planning and T. W. Kampe, Director of advanced applications, reported on the Division's research and development programs.

Other highlights:

Glendale branch is broadening its scope by efforts in space applications, specifically in ground support equipments, Manager T. D. Bryant and Customer Relations Manager J. A. Lockheed reported.

Manager H. W. Norris of San Marcos (Aerospace) branch, Chief Engineer D. L. Farr and Cust-Rel Mgr H. E. Beatty outlined the branch's work for NASA and the Air Force, and their future plans with these and other agencies.

The 473L program and other potential programs for the Air Force, were discussed by E. W. Kyle, systems applications manager for the Data Processing Systems branch.

Components and Special Devices branch foresees its sales doubling over a 2-3 year span, because of increased use of digital systems in which its products have important functions, according to Manager M. C. Hirsh and Sales-Mgr D. L. Marshall.

A. R. Vallarino, Manager of Sunnyvale branch and G. F. Roberts, customer relations manager reported on electro-explosive product developments and the branch's work for NOTS and other governmental agencies.

Reviews of present and future planned operations also were given by G. L. Stancliff, Jr., director of the Washington engineering branch; Vice-Pres M. E. Prevatte, of the Washington office; Manager D. L. Nichols of the Dayton regional office; Alan Bloch, Manager of the Boston regional office and Lee Gurfein, Manager of the Huntsville regional office.

Z. K. Geanes, Director of the western regional marketing office, explained the structure of that new operation and outlined the responsibilities of its staff and the services it will supply to the branches.

Scientific Group Meets

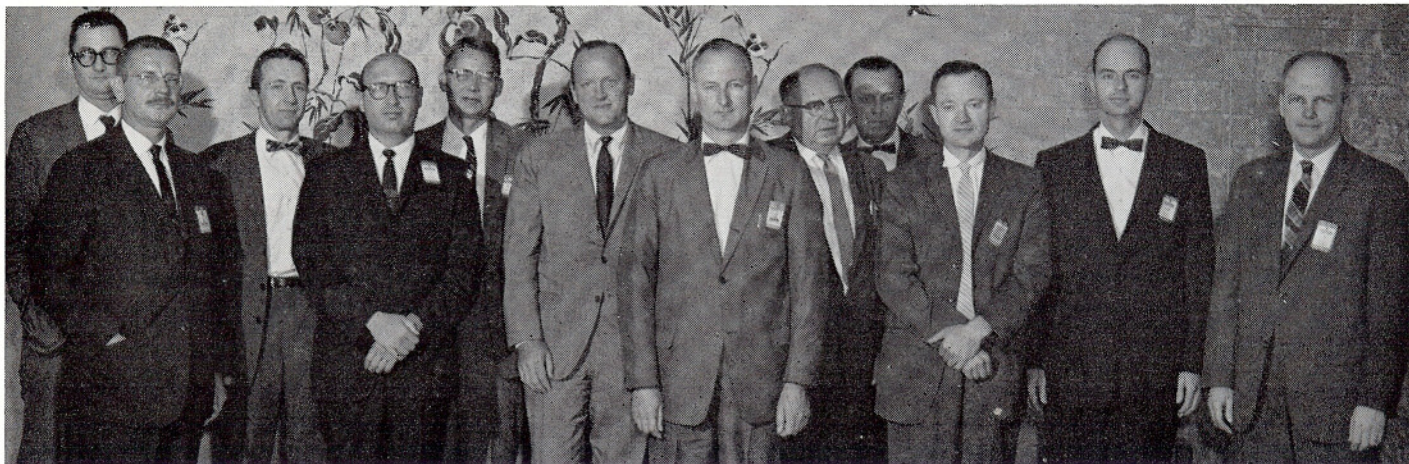
Current activity and future operations in Librascope's research and engineering planning groups were given expert evaluation July 12 and 13 by General Precision's scientific advisory group.

The body of noted scientists and university leaders, of which Dr. Coleman duPont Donaldson, President of Aeronautics Research Associates of Princeton (ARAP), is chairman, gave their approval to Librascope's efforts, and made several suggestions as to future work.

In attendance at the meeting, the first to be held at Librascope, in addition to Dr. Donaldson, were:

Dr. R. L. Garman, Vice-Pres and Chief Scientist, GPI, vice chairman; Drs. E. J. McCluskey, Jr., W. H. Surber and E. A. Frieman, Princeton Univ; Dr. W. A. Baum, Mt Wilson-Mt Palomar observatories; Dr. R. L. Sproull, Cornell Univ; Dr. George Carrier, Harvard Univ.

Also, R. R. Williamson, Technical Assistant to Librascope President W. E. Bratton; Dr. John Hunt, Vice Pres and Technical Director, Link div; Dr. R. G. Frosch, Director of Columbia University's



GPI Scientific Advisory Group, holding first meeting at Librascope, poses for news camera. Left to right, alternating front to back, are: McCluskey, Williamson, Carrier, Frosch, Sproull,

Donaldson, Langford (center), Garman, Ziebold, Berger, Baum, Surber. (See accompanying story)

Hudson laboratories; Dr. Robert Langford, Director of Research, GPI Aerospace Group and Dr. B. F. Berger, Director of Research, General Precision Laboratory.

To Be Seen at WESCON

A new 400-cycle power filter for analog circuitry and a new digital interval timer, will be introduced by Glendale's Military Components section at the WESCON show, Aug 22-24 at the Sports Arena in Los Angeles.

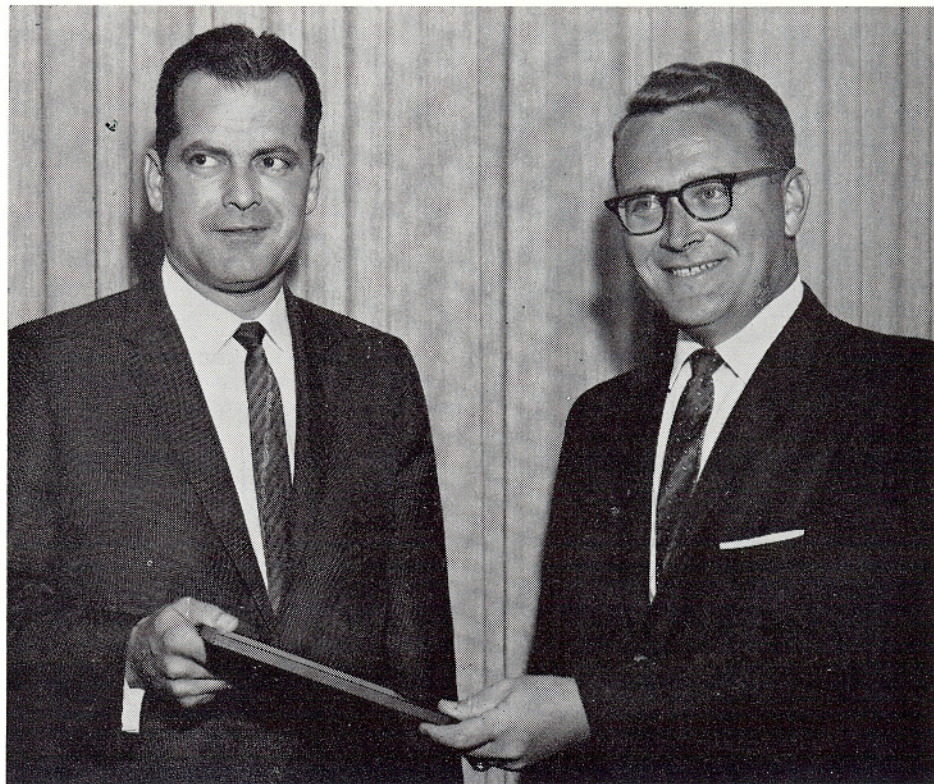
Exploding bridgewire components will be shown by the Sunnyvale branch. Components and Special Devices will display a new non-contact magnetic converter and new developments in its encoder, mini-servo, amplifier, integrator and differential lines.

Gurfein to Houston Office

Librascope is establishing a regional marketing office in Houston, Tex., headquarters of space-flight research for the National Space and Aeronautics Administration.

Lee Gurfein, Manager of Librascope's Huntsville, Ala., office, has been named to the new post by R. O. Vaughan, Division director of marketing. A successor to Gurfein will be appointed shortly.

GPI also is establishing an office in Houston and W. L. Hill has been named Manager.



ANOTHER MILESTONE—Cliff Godwin, Division Director of Contracts (left), proudly displays his most recent academic achievement—an MBA degree from USC—to Wayne Strong, Division Training Director. For Godwin, a night-time education has become a regular way of life. Earlier, he received his BA in mathematics in the p.m., in January, 1959. Enroute to both degrees, Godwin made good use of Librascope's Educational Refund Plan which, this month, underwent some important changes. (See story on LEAP.)

ment furnished by the graduate school or faculty advisor, be allowed six hours' time off per week with pay, to attend such courses on a semester basis.

Perhaps the most significant feature of LEAP is the Advanced Degree Fellowship Program.

Fellowship grants will be made by Librascope to selected applicants holding a bachelor's or master's degree, with preference given to doctoral candidates.

An employee who receives the fellowship will attend a local university and will be required to work at least 20 hours per week during the academic year, and will work full time during school vacation periods.

Librascope will continue to pay the employee-student his regular rate for actual time worked, and he will remain entitled to all benefits granted to full-time employees. He will also be allowed payments to cover tuition fees, books, and thesis expenses.

The number of participants, limited to a maximum of four during any one academic year, must file a written request at least three months in advance of the starting date for the proposed graduate work. The applicant's request must then have the approval of his supervisor, training director, and branch manager.

If he is accepted for the fellowship program, he must complete his academic work with a grade of C or better, or a

mark acceptable for continuance in the graduate school.

Soon to become a part of our Supervisors Manual, LEAP is a program which will benefit both the employee and Librascope, according to Training Director W. P. Strong.

Says Strong: "Through this new plan, we hope to encourage employees to obtain further education which will increase their job effectiveness and aid them in advancing within the company.

"We are particularly interested in seeing that our engineering and scientific achievement keeps pace with the latest advances in the state of the art. All of our technical personnel, while receiving wide practical experience, should also have time for extensive theoretical education to cope with their increasingly difficult assignments."

A new addition to Librascopers' "Family and Home Survival Kit" will be distributed with your next pay check. The new pamphlet, distributed to industry by the Office of Civil Defense, is titled "Emergency Sanitation at Home".

A second pamphlet, dealing with the planning and construction of a family fallout shelter, is also available in Bldg I-03 at the Personnel records section and the Plant Engineering Department. For further information, contact Joe Fido, ext 2311.

EMPLOYEE BENEFITS

A Plan Called LEAP

A new statement of Librascope's interest and support in the self-development of its employees was spelled out recently in an expanded educational assistance program.

The new plan is called LEAP, the first-letter abbreviation standing for the Librascope Educational Assistance Plan. Developed by Division Training department, LEAP is a broadened, more generous version of the former Educational Refund Plan.

LEAP incorporates the tuition refund portion of the old plan, but makes one significant amendment: tuition refund has been increased from \$200 to \$300 per calendar year for employees enrolled in a curriculum which will lead to a bachelor's, master's, or doctorate degree.

The educational assistance program, however, extends beyond the refund of an employee's tuition. The new plan provides two major additions for those who are seeking advanced degrees.

With LEAP, an employee, under certain conditions, may now receive time off from his job to complete his advanced degree, if he cannot complete the requirements on a regular extended day schedule. When such a scheduling problem exists, an employee may, with a state-

Baumgard Likes the Policy

Two operations within a week's time followed by special, round-the-clock nursing care for 11 days is apt to take a sizeable chunk out of anyone's savings account, even under many types of insurance programs.



Such a misadventure happened recently to Chuck Baumgard, supervisor of Glendale Customer Services, and thanks to Librascope's group insurance policy, the family savings remained untouched.

From April 23 until his return to work last month, Chuck gathered a stack of medical bills totaling more than \$2700. What could have been a staggering cost ended up as a \$214 bill for the Baumgards. The rest of it was paid for by our insurance plan.

The ailment started on a Monday night after Chuck returned from work with what he thought was a mild stomach-ache. Later that evening, the ache became a severe abdominal pain, and his wife, Jean, rushed him to the Northridge Receiving Hospital.

Following a diagnosis of acute appendicitis, he was taken into surgery. His condition, however, was more advanced than expected; in addition to a perforated appendix, there was also a diverticulum of the lower intestine. Both the appendix and diverticulum were removed, and Chuck was taken back to his ward for what was expected to be a normal recovery.



REVIEWING THE SYSTEM—E. N. Alderman, Glen Systems and Procedures (standing), explains to visitors the government accounting management system as it is employed by our LOCS equipment. Seated in front, left to right: Martin Reinstein, Office of the Ass't Secretary of Defense; E. T. Wenzlik, property administrator, Marquardt; H. S. Ford, V. F. Tobias, W. E. Hayden, and Lt. G. W. Bridges, INSMAT. In second row (l-r): Dr. J. G. Carlson, director of management planning and controls, Glendale branch; W. J. Flanagan, material mgr, Glen; W. S. Williams, Glen-Controller; and E. A. Barrios and G. H. Fife, Division property control.

But such was not the case. In the days following, his digestive and circulatory systems failed to function properly, and rather than steady improvement, his condition became increasingly worse. Special bed-side nursing was required for the ailing patient.

Although X-rays revealed nothing significant, a second, exploratory operation was performed which revealed a new set of problems in the intestinal tract. Chuck had to undergo 3½ hours of more surgery and was returned to the intensive care unit, under close 24-hour surveillance.

From his second operation on April 30, Chuck's recovery was painfully slow but steady. The special nursing continued for a while, but was discontinued after 11 days. After 20 days in the hospital, Chuck was allowed to go home.

For both Chuck and Jean Baumgard, the following weeks were pleasant ones.

For one thing, they were free from the financial burden of a huge medical bill; the Librascope group insurance saw to that. And most important, Chuck was on the rebound from his critical days in the hospital.

Back on the job now, and in good health, Supervisor Baumgard can still be heard singing the praises of our insurance coverage.

"I think it takes one major setback—or at least it did for me—to appreciate the tremendous coverage we have under our insurance program," Chuck states. "To be face to face with a \$2700 bill, and then to see practically all of it wiped away is a terrific thing."

"I'd also like to publicly thank our Employee Benefits and Services people," Chuck adds. "Their quick work and prompt service made the whole ordeal a lot easier, especially for my wife."

'Operation Breakthrough' Goes at Glendale

The ideas of the men and women on the firing line—those of us who turn into results what company leaders have planned—are being sought out at the source by the Glendale branch.

"Operation Breakthrough," a series of small, get-together meetings of supervisors and their immediate employees, is making it possible for every employee in the branch to meet with his supervisor and state his ideas about his own and the group's effectiveness.

"This is an attempt to get the benefit of everybody's thinking in solving our mutual problems," says Tom Bryant, branch manager. "No one person or group of persons has all the answers."

As of Aug 1, 36 meetings of a planned 201 sessions had been held in portions of manufacturing, manufacturing support and administrative areas. These are some of the questions asked:

"What are we doing that we could do in a better way?" "What do you need to make your time and effort more effective?" "Do you have any roadblocks in getting your job done to your satisfaction?" "What ideas do you have as to what needs improvement in your group?"

Responses to the questions and volunteered suggestions have been quick—and to the point—says Joe Schwarz of Division Training, coordinator of the program.

"Results have been all that we have hoped for," Schwarz told LIBRA-ZETTE.

"We are getting solid, practical suggestions that are highly worthwhile and these are being put into effect. We are also getting a better feel for the impact that any plan has on the people who must carry it out. This feed-back is invaluable because it helps in the proper formation of future plans."

When possible, suggestions receive

on-the-spot action from the Supervisor conducting the meeting. Others are incorporated in the minutes of the meeting, a copy of which is sent immediately to Branch Manager Bryant.

After study by Bryant, the minutes are forwarded to Schwarz, who logs each suggestion and prepares an "action" card which is returned to the Supervisor. The Supervisor is required to report back to Schwarz on what action is taken and Schwarz, in turn, submits an action report to Bryant.

Each employee who has submitted a suggestion will receive a written action report from his supervisor.

Operation Breakthrough will be spread over all of 1962. Current thinking is to incorporate its basic purpose—the development of effective two-way communication between all levels of operation—into the basic fabric of the Company. The form this will take awaits analysis of Operation Breakthrough's effectiveness.

Precisioneer Picnic: For the W



Although the turnout was small, who made it out to the annual Precisioneer Picnic time. This year's affair, held at M... drew a crowd of over 500 Librazette. Among the many attractions at the picnic was a host of other rides for the children, the customary nickel beer; a sw... raft of organized games and even... calendar is a Halloween costume c...



le Family, A Day Full of Fun

in recent years, everyone
r Picnic had a whale of a good
n Oak Park in La Crescenta,
d members of their families.
e 30 event were: live ponies
; free pop and cotton candy;
pool; a dance band; and a
xt event on the Precisioneer
o be held October 27.



CALL FOR PAPERS

The 1963 IRE International Convention is soliciting technical papers for its annual program, to be held March 25-28 at the Waldorf-Astoria and the New York Coliseum. A wide range of technical categories will be covered at the upcoming convention. Abstract and summary of proposed papers should be in the hands of the Librascope Editorial Committee, Bldg I-03, by Sept 28, to allow sufficient time for processing and mailing.

Technical papers are now being sought for presentation at the 1963 International Solid-State Circuits Conference, Feb 20-22, in Philadelphia. A 300- to 500-word summary accompanied by a 35-word abstract should be sent to the Editorial Committee by Oct 12. Key illustrations should accompany the summary if possible.

The International Conference on Non-linear Magnetics is seeking technical papers for its April 17-19 conference in Washington, D. C. Deadline for submitting 200-word abstracts to the Editorial Committee is October 19. The INTER-MAG Conference is sponsored jointly by IRE and AIEE.

Industrial Electronic Distribution, a

new trade journal of Mactier Publishing Corp., N.Y., is currently seeking by-lined articles for upcoming issues. Areas of interest include value analysis, vendor control and testing, and product evaluation and subcontracting procedures. Articles published in IED receive \$30 to \$40 per page.

Product Engineering, a professional design magazine published weekly by McGraw-Hill, is looking for new and fresh subject matter in the area of improved performance and reduced costs of manufactured products. PE pays its authors soon after articles are accepted. The amount depends in part on the number of published pages and the time and effort needed to prepare the article.

Any papers prepared by Librascope in response to above conferences and magazine requests will also be eligible for consideration and possible cash awards under the Employee Writing Incentive Program. For full details, contact J. O. Robinson, EWIP administrator, ext 1456.



HONORS

T. H. Lassagne, Librascope General Counsel, has been elected chairman of the Civil Service Commission of the City of Glendale for the coming year. A Glen-

dale resident, Lassagne has served on the commission since May 1961.

L. G. Cahill, Division manager of telecommunications, has been elevated from Secretary to Vice-Pres of the Tele-Communications Ass'n of Los Angeles.

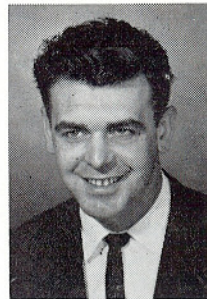
Kurfurst to Safety

Accompanying the shift of the Safety operation from Personnel to Glendale Plant Engineering, Robert J. Kurfurst, plant layout draftsman, has been named safety coordinator, reporting to plant engineer P. C. Lauridsen.

Kurfurst joined Librascope's plant engineering department in August, '59. He was formerly with Boeing Airplane Co. for two years as a plant planner in the Pilotless Aircraft Division; served earlier as a draftsman with Soule Steel Co. in Washington.

Born in Enumclaw, Wash., Kurfurst attended the University of Washington, majoring in art and architecture.

An Army veteran of the Korean War, Kurfurst is married, has three children, and makes his home in Glendale.





NEW FACES

DIVISION

A new addition to Librascope's Applied Research department is **Joseph E. Varga**, who has been named Supervisor of Development, reporting to Director W. E. Blackburn.

Varga comes to us from Texas Instruments, Inc., where he spent four years conducting thin film research and development. He was formerly with RCA—Tube Division, Lancaster, Pa., for five years, working in applied research.

A naturalized citizen, Varga was born in Nyiregyhaza, Hungary. He attended the Hungarian Royal Military Academy ("the West Point of Hungary"), where he received a BS in Physical and Military Sciences. He continued his education at the Signal Corps Institute of Technology, receiving his MS in electronics.

During World War II, Varga headed a Hungarian signal corps battalion before being captured and spending 18 months as a prisoner of war in Austria.

Varga is married, has two sons, and is a resident of Glendale.

★ ★ ★ ★

A reorganized Division systems and standard practices section, headed by J. W. Whiting, Director of organization planning and policies, has strengthened its staff with the addition of **Paul J. Kennedy** and **Harold W. Simons**. Both are assigned to systems development.

Kennedy, a former Librascope employee, returns to the homefold after serving as director of administration for Intellux, Inc., and Imm Industries, Inc., for the past 18 months. In his previous company experience he was supervisor of engineering placement. He is married, the father of six and makes his home in Pacoima.

Simons, who holds BS/EE and MBA degrees from Cal-Berkeley, comes to Librascope from Lockheed Aircraft company, where he was on the engineering research administrative staff. While at Berkeley he was an undergraduate assistant to Prof. Hans Einstein, son of Albert Einstein, in the Institute of Engineering Research.

Simons, who is married and the father of three, served three years in Army intelligence. He makes his home in Sylmar.



Varga



Foeste



Mendez



Kennedy



Simons

C & SD

W. E. "Bill" Foeste has been named production manager of Components and Special Devices branch in Burbank, reporting to M. C. Hirsh, branch manager.

Before joining Librascope, Foeste was a management consultant, specializing in production analysis. Previously, he was manager of logistics for Autonetics-Anaheim, and served as deputy chief engineer at Norton Air Force Base.

Before moving West, Foeste was assistant to the president of Telex, Inc., St. Paul, Minn., an electronics firm in which he held one-third ownership. During his 12 years with the J. P. Seeburg Corp., Chicago, he was assistant to the vicepres, manufacturing, and director of quality control.

A senior member of IRE, Foeste attended Missouri Technical College in his home town of St. Louis, where he earned his EE certificate.

Married, and the father of a 12-year-old girl, Foeste journeys daily from his home in San Bernardino to his Burbank office. A veteran "ham" operator, his call letters are WA6TEW.

★ ★ ★ ★

Ernest F. Mendez, another new member of C&SD, joins the branch as production control manager, reporting to W. E. Foeste.

Mendez comes to Librascope from American Systems, Inc., Hawthorne, where he spent two years as plant manager in charge of manufacturing, material control and purchasing. He was formerly production manager with Vinnell Steel Co., Azusa, for two years, and held the same position with Marvin Electric Mfg Co., for one year.

A graduate of USC, Mendez received a BS in Industrial Management in 1950, returned to his alma mater for his MBA in 1959. This Fall, Mendez will be a night school instructor at Chaffey College, teaching production management.

Mendez, who lives in Sierra Madre with his wife and four children, is a member

of the American Institute of Industrial Engineers and Society Management Association.

★ ★ ★ ★

Elcie Battaglia, R.N., has joined Librascope as an industrial nurse, functioning for both Systems and Data Processing, and Components and Special Devices branches.

Mrs. Battaglia comes to us from Queen of Angels Hospital, and was formerly an industrial nurse with Bendix Aviation. She replaces Dorothy Shaffo, R.N., who has returned to school at UCLA to complete her Bachelor's degree.

Mrs. Battaglia, the mother of two, is a graduate of St. Anthony's Training School for Nurses in Oklahoma City.

GLENDALE

Norman W. Hutchinson joined Glendale Accounting last month as staff accountant, reporting to Supervisor M. M. Olson.

Hutchinson comes to Librascope from neighboring Pacific Automation Products, where he served as staff accountant for two years. He was formerly an accountant with Ador Corp., Fullerton, and Waste King Corp., in Vernon. He also worked for Los Angeles County as a tax assessor.

A Chief Warrant Officer during World War II, Hutchinson attended California College of Commerce, Long Beach, where he received his BS in Accounting in 1952.

He is married and lives in Downey.

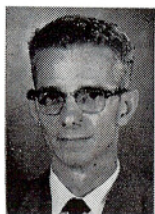
SAN MARCOS

With the great increase in project activity at the San Marcos branch, a 5200-square-foot building has been annexed (listed as Bldg D-33) and a number of new employees have been added. Among the new faces:

Alvin H. Willis, who joins San Marcos as program manager, reporting to chief engineer D. H. Farr.

Willis, who spent 17 years with the Air Arm Division of Westinghouse as director of producibility engineering, comes to Librascope from Ryan Aeronautical, where he served as chief of avionic development. He was formerly a member of the technical staff with Hughes, Tucson, and was program manager with Raytheon, Boston, for three years.

Born in Washington, D.C., Willis graduated with a BSME from the University of Maryland, received his MSME from the



Hutchinson



Willis



Walker



Nelson



Breninger



Camarata

Dosch

Buell

Hooper

Bromley

U. of Texas, and attended the University of Pittsburgh, where he began studies for an engineering doctorate. He also attended Johns Hopkins and Tufts Universities, for studies in management and executive development.

Willis is a member of AIEE, IRE and ASME. He lives with his wife and two children in Escondido.

★ ★ ★ ★

A new senior engineer reporting to R. E. Berri, is **W. Bruce Walker**, assigned to preliminary systems design on automated guidance system checkout equipment.

Before joining Librascope, Walker was a senior electronics engineer with General Dynamics/Astronautics for three years, working on Centaur guidance system integration.

An electrical engineering graduate of Massachusetts Institute of Technology, Walker is currently working toward his MSME at the University of California, San Diego extension.

A native of Attleboro, Mass., Walker is married, has one child, and makes his home in San Diego.

★ ★ ★ ★

A new senior engineer assigned to San Marcos proposal efforts, is **Alan W. Nelson**, formerly with GD/Astronautics.

Holder of a BSEE and MSME from the University of Illinois, Nelson reports to R. E. Berri.

During his three years with GD/A, Nelson was a senior design engineer in advanced dynamics studies and proposal work. Previously, he spent three years at the U. of Illinois physics research lab, working on design and development of electro-mechanical control instrumentation.

A member of IRE and the American Rocket Society, Nelson is married, has four children, and makes his home in San Diego.

★ ★ ★ ★

John O. Breninger, former staff member to the engineering manager of Rohr Corp's Antenna Systems Division, has joined the San Marcos branch as production engineer, reporting to V. J. Lees.

Breninger, who has been assigned to review for production engineering the C-141 project, was formerly with Hughes Aircraft and Lockheed-Burbank as a tool engineer and planner.

A native of Canton, Ohio, Breninger attended the University of Kentucky and Transylvania College before moving to the west coast.

He is a member of the American Society of Tool and Mfg Engineers, and the

Society of Plastics Engineers. He is also an active member of the San Diego Symphonic Chorus.

Breninger, his wife and two daughters, now make their home in Chula Vista, but are planning to move into the San Marcos area.

★ ★ ★ ★

Joseph M. Camarata, a June graduate (MSME) from the University of Notre Dame, is another recent engineering addition to the San Marcos branch. He has been assigned to circuit design on the XL-90 project, reporting to A. T. Trostrud.

A scholarship student at Valparaiso University, Camarata received a BSEE in June, '60, then received a teaching fellowship at Notre Dame while working for his MS degree.

Camarata, who hails from Gary, Ind., spent his collegiate summers with the U.S. Naval Avionics Facility in Indianapolis as an electronics engineer.

A member of IRE and AIEE, Camarata is single, lives in Escondido.

★ ★ ★ ★

Senior engineer **Richard E. Dosch** comes to San Marcos from Convair/San Diego, where he spent four years as autopilot project leader. His current Librascope assignment is the Centaur project, reporting to project manager Ansel Berglund.



APPRENTICE GRADUATION — Journeyman trade certificates, marking completion of four years apprenticeship training, were awarded to Anton Schneider and Jerry Kinnan (at left) at a company-sponsored luncheon in their honor at the Smoke House in Burbank. Pictured from left to right: Kinnan; Schneider; Richard Harden, business representative for Precision Lodge 1600, IAM; Harlan Buseth, assistant manager, Glendale branch; and B. A. Peskin, Glendale manager of manufacturing.

Born in Duluth, Minn., Dosch attended the State University, where he graduated with a BSEE in 1958.

A Navy veteran of World War II and Korea, Dosch is married, lives in Escondido.

★ ★ ★ ★

John A. Buell, Jr., joins San Marcos as an engineer, assigned to logical design on the XL-90 project. He reports to project manager A. T. Trostrud.

A physics graduate of Massachusetts Institute of Technology, Buell spent two years with General Dynamics/Astronautics on Centaur program checkout before joining Librascope.

Born in Fulton, N.Y., Buell was a science instructor at the Hotchkiss School, Lakeville, Conn. He is single, lives in Escondido.

★ ★ ★ ★

A summer employee who will return to Harvard University in the fall to complete his PhD degree, is **Philip K. Hooper**, assigned to the XL-90 project.

Hooper is a mathematics graduate of Hamilton College, Clinton, N.Y. He attended MIT for one year, then transferred to Harvard, where he received his Master's degree in June, '60.

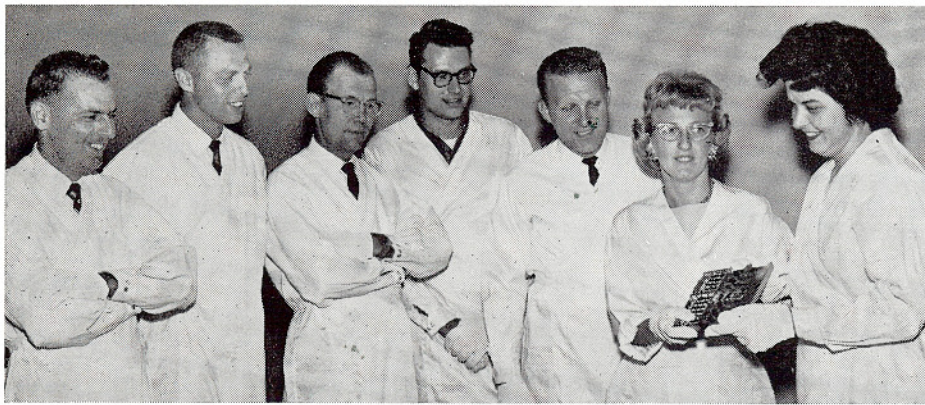
Hooper makes his summer home in Escondido.

★ ★ ★ ★

Robert W. Bromley joins San Marcos as a senior designer, assigned to the Centaur project.

Bromley was formerly with GD/Astronautics as a quality control engineer on the autopilot system for the Atlas missile, and spent three years as a design engineer with Stromberg-Carlson.

A S/Sgt in the Army Air Corps during World War II, Bromley received an electrical engineering certificate from the University of New York State. He is married, has two sons, and lives in Encinitas.



END OF THE COUNTDOWN on the Centaur space vehicle computer circuit board program, finds this group of Glendale and Aerospace branch looking over the 200th—and last—board to be produced. Holding the gold-plated board (at far right) are Jerry McCorkle, leadman and general assembler Chris Beatch. Others, left to right, are: Bill Dempsey, Aerospace QC engineer; Glendale production foreman Gerry Henshaw; Ed Claunch, Glendale QC project engineer; Bob Lovejoy, Glendale leadman inspector and Emory Fekety, Aerospace production engineer.

The Final Board

The 200th—and last—of the special, custom-built circuit boards for the Centaur space probe vehicle computer, was completed recently by Glendale production for the Aerospace branch.

The project was one of the most complex ever undertaken by Librascope. It involved special training of 40 general assemblers in the use of difficult and complex assembly methods and working to rigid and demanding standards laid down by the National Space and Aeronautics Administration.

The frames were made of cast and machined magnesium (for lightness of weight) and goldplated to achieve the desired degree of insulation. Each board contained 600 components—the highest component density ever achieved at Librascope—and required 2,000 solder connections.

Glendale's prototype shop also played an important role in the project, contributing the modules, memory drums and input-output gear.

Cleaner than Clean

Glendale is going to meet exacting NASA and Air Force requirements for equipments to be built under "controlled environment" conditions, by investing \$275,000 of hard-earned profit in a new temperature-humidity and dust-controlled cleanroom in Bldg A-17.

Through air filtering and other rigid control measures, Glendale will be able to prevent a dust particle as small as 10 microns in diameter, from entering the work area. Something like 330,000 such particles could fit on the top of an ordinary pencil eraser!

Construction of the 12,000-square foot facility will start in August. Carl Schmid, Plant Engineer for Kearfott division, and a nationally known expert in the design and construction of cleanrooms, was consultant to Librascope in the design.

Plans and layout for the cleanroom were drawn by Ivan Franklin, Manager

of Glendale's industrial engineering section, Supvr Jack Leighton and Ind-Eng Dean Crowell.

Coincident with cleanroom construction, facilities will be created for the relocation of the plating, processing and fabrication areas of circuit board manufacture, now in Bldgs A-18 and A-19.

LIBRAZETTE will carry a story in detail about the new facilities in its forthcoming issue.

Patent Plan Revised

Librascope's new liberalized Patent Incentive Plan, offering increased payments for inventions upon which the company files patent applications, is now in operation. It is effective retroactive to July 1, 1962.

The payment schedule calls for lump sum awards of \$100 to a single inventor, \$100 each in the case of two joint inventors and \$200 divided equally between more than two inventors. Payment is made at the time the inventor executes a United States patent application and assigns it to the company.

The previous plan, issued May 9, 1960, will be continued insofar as it applies to applications filed prior to July 1, 1962.

The plan is administered by George W. Seevers, head of the Patent Section of the Legal Dept.

General Precision Equipment Corporation and Smith Kline & French Laboratories recently announced the signing of an agreement for a joint effort in the medical instrumentation field.

The move will be carried out through the creation of a new division of SK&F, to be called Smith Kline—Precision Company, with headquarters in Philadelphia.

According to the announcement, SK&F will provide the management, bio-medical research and marketing capability for the new company, and GPE, through its principal operating subsidiary, General Precision, Inc., will provide the instrumentation research and development, engineering and manufacturing facilities.

Among the initial products of Smith Kline—Precision is the electronic Pupillograph, a product of our GPL Division. The Pupillograph, already in use in several hospitals and clinics, measures the reaction of the eye to light stimulus in diagnosing neurological defects.

The new medical instrumentation division will be headed by David W. Clark, formerly assistant to the president of SK&F.

Time for Three Wishes

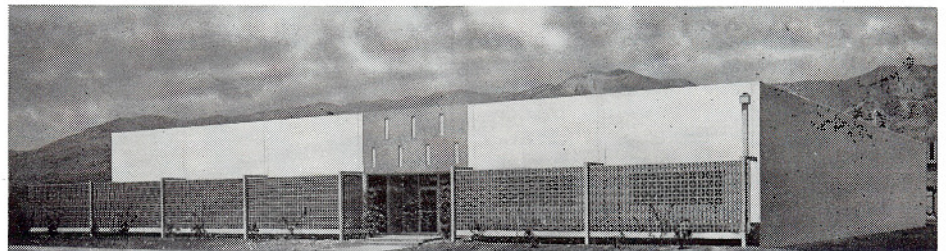
While blowing out the candles on his birthday cake recently, A. R. Pederson, Division employee benefits and services supervisor, silently uttered these wishes:

That all Librascopers promptly report changes in address or telephone numbers to their Personnel offices;

That when children reach age 19—or get married—that Dad or Mom report the fact to Personnel (kids aren't covered by Group Insurance after those dates);

That all of us check our insurance certificates to make certain that the proper beneficiary's name is on it;

That all employees report new dependents without delay so their names may be added to the insurance records; babies after 14 days and wives immediately. (A delay beyond 31 days requires evidence of insurability.)



MILITARY COMPONENTS section of Glendale branch made the move into its new 15,240-square-foot building last month. The new facility, located at 1201 Grand Central Ave., is listed as Bldg A-15, replacing the former A-15 located on Providencia Street in Burbank. Main feature of the new MC building is the 1,000-square-foot dust-controlled room, designed to conform to Air Force specifications. There is also a 4,000-square-foot assembly and production area, and another 7,000 feet presently being used as a stock area.

Some Unusual Answers from a Controversial Poet



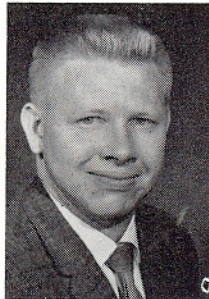
UP THE LADDER

John C. Schmidt, Division Training specialist, has transferred to the San Marcos branch in the new assignment of Personnel representative, reporting to Personnel manager W. P. Sertic.

Schmidt joined Librascope in September, 1958, following a four-year stint in the Navy as an electronic technician 1/C.



SCHMIDT



JOHNSON

He shifted to Personnel as an employment interviewer the following year, and joined the Training staff in 1961.

A certified NASA instructor, Schmidt headed the electrical assembly training program on the Centaur project in Glendale and San Marcos. He recently completed the UCLA curriculum for an Industrial Relations certificate.

Dennis R. Johnson, former E&M instrument tech leadman, has been promoted to tech instructor in Glendale Customer Training section. He reports to Supervisor Lyle Crawford.

A four-year Librascope, Johnson joined the division as an assembler, later



MK 113 MOD 2 GRADUATING CLASS*

Navy Personnel Completes Eighteen Weeks of FCS Schooling at Librascope

became an electrical inspector, then joined the Adjusting group under Foreman Harry Buseman.

One of our many "moonlight students," for the past two years Johnson has been enrolled at Los Angeles City College, majoring in physics and mathematics.

Prior to joining Librascope, he spent two years on active duty in the Navy as a Sonarman 1/c. Johnson is married, has three boys, and makes his home in Sepulveda.

Other recent promotions include:

James G. Weatherill from office supplies coordinator to records retention coordinator, Division Office Services.

Marvin R. Carpenter from engineer to senior engineer, Glendale Reliability.

Richard R. Piety from senior test tech to elec-eng associate, Glen Reliability.

Anton U. Schneider from apprentice machinist, Glen Tool Design, to methods analyst trainee, Glen Methods.

Terry L. Gaines from general clerk to tab machine operator "B," Div Data Processing.

Rudolph Caprio from budget analyst to financial analyst, Div Budget Planning and Control.

William R. Brockway from field service tech to FS engineer, Glen Field Service.

Laurence H. Hayn from test tech to senior test tech, Glen Reliability.

Marie Curry from repro typist to repro typist lead, Glen Publications.

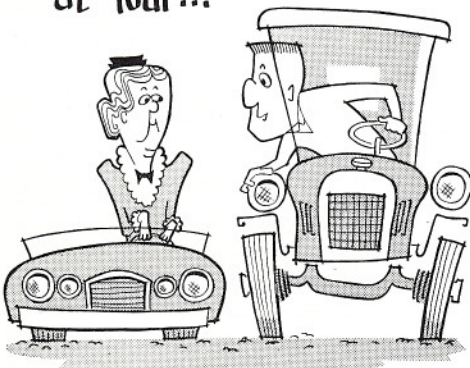
Ruth Wines from prod-control clerk to material order processor, Glen Prod-Control.

Donald E. Mosheneck from liaison eng associate to liaison engineer, Glen Liaison Engineering.

Robert G. Gunderson from general clerk to material order processor, Glen Inventory Control.

*Front row, left to right: F. L. Horton, Customer Training instructor; John Danes, USS Barb; Edward Voloka, New London Sub School; J. E. Francis, USS Pollack; B. G. Johnson, USS Thresher; and T. T. Masters, CT engineer. Second row: R. D. Havener, USS Plunger; J. P. Yeskelevitch, USS Pollack; C. W. Hurst, New London; W. D. Kisch, New London; and Phil Campbell, Librascope FS engineer. Third row: L. D. Akley, USS Pollack; J. W. Turskey, USS Barb; W. A. Siemer, New London; and H. G. King, CT instructor.

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