

# LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

VOL. 10, NO. 4

MARCH-APRIL, 1963

## Appoint R. W. Lee Executive Vice-Pres; R. G. Johnson Named Vice-Pres, Finance

(GLENDALE) Richard W. Lee was named Executive Vice President and General Manager of the Information Systems Group, GPI, on March 4 and R. G. Johnson becomes Vice President, Finance, on April 1.

Both new officers come to ISG from the GPL division of the Aerospace Group. Lee was President of GPL and Johnson was Vice President-Finance, and Treasurer.

Lee reports to ISG President W. E. Bratton. Reporting to Lee are Presidents D. C. Webster of Librascope Division and R. E. Hastings of Commercial Computer Division, R. A. Dietrich, Director of the ISG Research Center, Vice-President Johnson and M. L. Lindahl, ISG Vice President and Treasurer.

As defined by Bratton, Johnson's areas of responsibility include budgets, pricing and estimating, cost accounting, cost control, data processing, systems and procedures and general financial management.

Lindahl now has responsibility for contract administration and negotiation, cost reduction and the treasury functions of taxes, insurance, payables and related areas.

(Continued on Page 4)

## Glendale Leaders Move to Bldg I-03

(GLENDALE) Headquarters of the Glendale Branch shifted from Bldg A-21 to Bldg I-03 this month, putting the branch, Librascope Division and Information Systems Group managements in the same building.

Newly-resident are Division Vice-President and Manager T. D. Bryant, Ass't Manager Harlan Buseh, Finance Manager N. J. Cronk, and O. S. Dwire, Manager, Contracts and Product Support and their staffs.

Administrative Services were moved to Bldg A-15. Field Service and Customer Services were shifted to Bldg A-14.

Individual telephone extension numbers remain, in most cases, the same as they were in previous locations.

## Sunnyvale Bookings 25% Over Estimates For First Quarter

(SUNNYVALE) Sunnyvale Branch of the Librascope Division, ISG, has exceeded its first quarter estimated bookings of new business by almost 25%, Branch Manager A. R. Vallarino announced March 15.

Award of two major contracts, one for \$600,000 from the Westinghouse Corp., and one for \$150,000 from the United Technology Center, plus other contract work brings the first-quarter bookings to more than \$1,000,000. Estimated bookings were \$770,000.

The Westinghouse contract calls for Sunnyvale to provide an undisclosed number of electro-explosive systems for the Polaris missile launch system. Sunnyvale engineers worked with Westinghouse on the preliminary design and development phases of the E-E gear.



ACQUISITION OF the Westinghouse contract resulted from "the teamwork of Engineering, Marketing and Contract

(Continued on Page 7)

## Add \$3,200,000 To C-141 Contract

(SAN MARCOS) A follow on contract for ASN-24 (V) airborne computer systems for the Air Force C-141 Starlifter jet cargo-transport planes, was awarded this month to the San Marcos branch by the Aeronautical Systems Division of the Air Force.

DOLLAR VALUE of the contract, according to Operations Manager Hugh Beatty, is approximately \$3,200,000.

The Starlifter is being built by Lockheed Aircraft at its Marietta, Georgia, plant.



ISG PRESIDENT W. E. Bratton welcomes Rep. Olin E. Teague (R-6th District, Tex.), center, chairman of the House subcommittee on manned space flight, during recent subcommittee visit. Other subcommittee members include: Rep. E. Q. Daddario (D-Conn.), far left; Rep. E. J. Patten (D-N.J.), second from right; and Rep. E. J. Gurney (R-Fla.), far right. Bratton outlined role of computers and data processing systems in manned space-flight effort, describing their use in space-information and command-and-control systems.





**NEW COMPUTER**—Model Margie Smith calls your attention to the LGP-21, the company's newest small scale computer, designed and produced by the Data Processing Systems branch of the Commercial Computer Division. The computer, in its simply-styled case, is at left; the standard input-output device is at right.

## ISG To Exhibit Components, Computers, at New York Show

(GLENDALE) Products of both Information Systems Group divisions will be exhibited in the annual international Institute of Electrical and Electronic Engineers show and convention March 25-28 in the New York Coliseum.

An operating LGP-21 computer, the newest addition to the ISG product line, will be a feature of the group's exhibit. Designed and developed by the Commercial Computer Division, the LGP-21 is a compact scientific and business computer selling for less than \$20,000. (LIBRAZETTE's next issue will offer a full report on the new computer.)

Miniature servos, magnetic encoders, magnetic discs and mechanical components will be exhibited by the CCD's Components and Special Devices branch.

The Librascope Division will display a full-size model of the L-90 lightweight airborne digital computer and a scale model of an L-3000 series large scale computer system.



### FROM THE ROSTRUM

W. J. Picker, Product Assurance Manager of the Glendale branch and Director of P/A for the Information Systems Group, was the featured speaker March 19, before the Phoenix, Ariz., chapter, American Society for Quality Control. Picker spoke on "Reliability as a Factor in Incentive Contracts."

## Name Peterson Mgr LA Area Marketing

John M. Peterson, previously Manager of Customer Requirements, San Marcos branch, has been appointed Manager of the Los Angeles District office of Librascope Division Marketing.

In his new post Peterson will have responsibility for maintaining established relationships and developing new relationships with the major prime defense contractors and military procurement agencies in the greater Los Angeles area.

Peterson, a graduate aeronautical engineer, joined the company in October 1961. Previously he had served in marketing operations with Minneapolis-Honeywell, and as a design engineer and design analyst with Aerojet-General, North American and Cal-Tech's wind-tunnel operations.

Peterson is married, the father of two boys and makes his home in Arcadia.



## Expand NASA Centaur Award

(SAN MARCOS) Award of a contract to build additional computer systems for NASA's Centaur space vehicle, was announced this month by Dr. D. L. Farr, Manager, San Marcos branch. Ultimate dollar value of this phase of the Centaur project is \$1,500,000.

The award was made by Minneapolis-Honeywell Corp., prime contractor on the Centaur's guidance system. General Dynamics/Astronautics is prime contractor on the entire project.

THE CENTAUR -3 model is the computer to be built under this contract, according to Program Manager Ansel Q. Berglund. Future orders are expected to call for the -5 model.

Keith Tattersal has been named Project Manager and Hugh Jackson is project administrator.

## Dr. J. M. Salzer Joins ISG Staff

Dr. John M. Salzer, former Director of the Intellectronics Laboratory for Thompson Ramo Woolridge, has been named Associate Director, ISG Advanced Systems, reporting to Director J. R. Weiner.

Dr. Salzer joins ISG following a year as senior staff engineer with Space Technology Laboratories, a subsidiary of TRW. Earlier, as director of the Intellectronics laboratory, he headed TRW's R&D efforts on pilot production of computer and display products, command and information system, and data processing. He also served as special assistant to the executive vice-president.

Dr. Salzer formerly was with the Magnavox Co., as assistant director of research and director of systems. He also spent three years as a member of the technical staff with Hughes Aircraft Co.

Dr. Salzer holds a BSEE and MSEE from Case Institute of Technology. He also attended Massachusetts Institute of Technology, where he received his Sc.D in Electrical Engineering.

Since 1952, Dr. Salzer has been a member of the Engineering faculty at UCLA, teaching graduate courses in sampled-data control systems. He is also on the thesis committee for advanced degree students.

Dr. Salzer is married, has four children, and makes his home in Santa Monica.

**"If ignorance paid dividends, most Americans could make a fortune out of what they don't know about economics."**  
—Luther Hodges, Secretary of Commerce



# Name R.M. Anderson New EDP Director

(GLENDALE) Robert M. Anderson, whose experience in modern data processing covers a 20-year span, became Director of Electronic Data Processing Mar 18 for the Information Systems Group, GPI. He reports to ISG Controller K. N. Beiriger.



A native of St. Louis, Mo., Anderson studied at Washington University, Northwestern University and Harvard.

Anderson's background includes extensive experience in military, banking and industrial data processing. In World War II he was a

statistical service officer; in the Korean War he was Chief, Machine Accounting Division, 15th Air Force and Base Statistical Service officer at March Field.

Following Korea, as a civilian, he became Chief, Electronic Data Processing, and Assistant Division Controller of the Air Force's San Bernardino Air Materiel Area. Later he joined the Chicago National Bank as a systems analyst.

During four subsequent years Anderson was Manager, Systems and Procedures, for the Carter Carburetor Division of ACF Industries. For the past two

## Back to School

P. E. Mobley, whom Anderson succeeds, is shifting to the planning of the third phase of our electronic data processing operations. This involves the development of a real-time, on-line operating structure integrating financial, manufacturing and engineering reports to management.

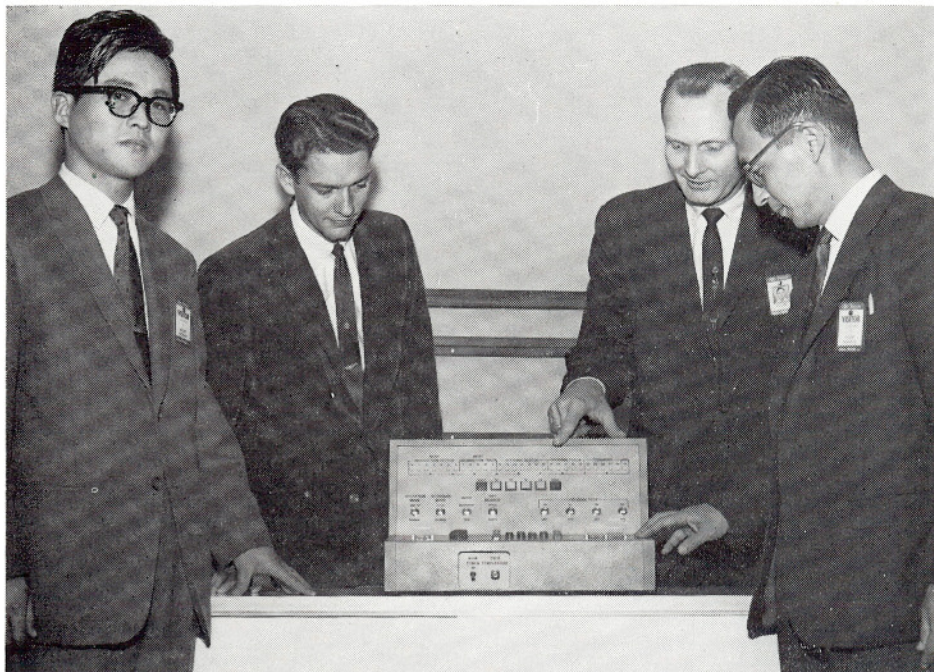
Before taking on the design of this new system, however, Mobley is returning to the University of Oregon for three months, to complete work for a degree in business administration, with a major in accounting and a minor in economics.

years he has been Corporate Manager, Data Processing and Computer Applications, for the Brunswick Corp., Chicago.

Anderson is a member of the American Institute of Industrial Engineers, the National Machine Accountants Ass'n and the National Systems and Procedures Ass'n. He was President of the latter organization's St. Louis chapter.

Decision making is rarely easy . . . but history is made up of the stories of men and women who were good at it.

—Anon



POINT OF INTEREST — M. Hayashi (left) and M. Shimada (right) visiting engineers from Mitsubishi Precision are shown the L-2010, Glendale's general-purpose disc-memory computer. Pointing out the computer's capabilities are Stan Williams, Supvr-Math Analysis (second from left), and Grey Stone, Glendale Staff Engineer.

## FILLING UP

(SAN MARCOS) Full occupation of Bldg D-34, San Marcos' newest structure, is expected by April 15, according to Operations Manager H. E. Beatty, thus providing permanent housing for sections and departments now in trailers, rented buildings and Bldg D-29.

## Award Glendale \$116,000 Contract

(GLENDALE) A \$116,000 U.S. Army contract, calling for the production of an auxiliary magnetic-tape memory system for the Army's Field Artillery Digital Automatic Computer (FADAC), was awarded recently to the Glendale branch.

THE PORTABLE memory system will be designed to supplement the main memory unit of the FADAC computer. FADAC is an operational field computer that solves ballistic problems for pinpoint firing of artillery weapons.

With the additional bulk storage provided by the Glendale-developed memory system, the flexibility and capability of the computer are expected to be considerably extended. The system will be used primarily for program storage and will be controlled by the FADAC computer.

THE CONTRACT, Phase I of a projected three-phase program, was awarded by the U.S. Army Ordnance District, Los Angeles. A. J. Pankratz, Glen-Eng, has been named project manager.

## Hey to Glendale Assembly Supt.

(GLENDALE) Les L. Hey this month was named Superintendent of Assembly operations for Glendale Manufacturing, to succeed the veteran H. J. Darby, who has announced he will retire June 1.

Announcement of Hey's new assignment was made by Lloyd C. Somerfield, Glendale Superintendent of Production. At the same time Somerfield appointed C. R. Cole to succeed Hey as Superintendent-Machining, and R. D. McFarlin as General Foreman, Model Shop, succeeding Cole.

Darby, now on a month's leave to attend to personal business, will join Somerfield's staff section upon his return, to handle various special assignments in the months preceding his retirement.



## NEWS BRIEFS

A \$1.5 million contract was awarded recently by the Denver Division of Martin-Marietta to the newly established Gyrodynamics Division of the Aerospace Group for more than 200 prototype and production units of a miniature floated rate integrating gyro. Three prototype units will be delivered by June 1, with production unit delivery starting Aug 1. The gyros will be used on the USAF-Martin "Titan III" space booster program.



# H. A. Timkins Heads Washington, D. C. Engineering Office

(GLENDALE) Appointment of Harold A. Timken, Jr., as Manager of the Glendale branch Washington Engineering Office, was announced this month by T. D. Bryant, Glendale Branch manager. Timken succeeds G. L. Stancliff, resigned.

An electrical engineering graduate of Tulane University, Timken comes to Glendale from the Corporation for Economic and Industrial Research (C.E.I.R.), Washington, where he was Corporate Director of Government Liaison.

Previously Timken was Assistant to the President of the Washington Technological Assn', Senior Engineering and Project Manager for Given Mfg Co's R&D division and head of an engineering section for Vitro Corp of America's Silver Springs, Md., laboratory.

Timken served in the Navy during World War II and was discharged with the rank of Lieutenant. He is married, the father of two boys and makes his home in Potomac Highlands, Md.

Among his professional memberships are the American Institute of Electrical and Electronic Engineers, the American Rocket Society, the American Ordnance Ass'n, the Navy League, the Air Force Ass'n, the National Aeronautics Ass'n and the National Rocket Club, Washington, of which he was President last year.

## Engle-Kusch

(GLENDALE) His many friends in the Glendale branch were saddened by the death of Harold G. Engle, on Feb 24, following a prolonged illness.

Engle, a machinist—engine lathe, was born and raised in Glendale, and joined Librascope Feb 3, 1949.

Funeral services were held Tuesday, Feb 26, with interment at Forest Lawn cemetery. He is survived by his widow and one son.

Friends of Irving W. Kusch, Electronics Storekeeper in Glendale Branch engineering, were saddened by his death, March 19, after an extended illness. He had been with the company since July 27, 1959, and made his home with his wife, Dorothy, in Burbank.

Kusch was a veteran of three years Army service in World War II. Burial was in Fort Rosecrans National Cemetery, San Diego, on March 22.

# Meet Mister Value!



Mr. Value At Work

(GLENDALE) Mr. Value, a short stubby character with an inquiring mind devoted to finding better and cheaper ways to accomplish the job, has been enlisted by the Glendale Branch to spread the gospel of value engineering throughout the organization.

Mr. Value is a man who gets around—into engineering, assembly, the machine shops, contracts, purchasing, the various offices—and wherever he goes he has questions to ask. For instance:

“WHAT DOES this cost? What should it cost? What else would do the job? What would that cost? Should we make it or buy it?”

Mr. Value sees himself as a stimulator whose job it is to encourage everybody to plan with economy in mind and to re-examine old ways of doing things to see if they can't be done better and cheaper.

MR. VALUE and his message appear regularly in pay envelopes, on bulletin boards and, in the future, will appear from time to time in LIBRAZETTE.

As a personality, Mr. Value flows from the drawing pen of artist John Erickson, Glendale Publications, but his script is a cooperative effort. Frank T. Copple, Manager of Manufacturing Support, who also is Supvr of Value Engineering, and Engineers Phil DeGrazio and Alan LaRue are Mr. Value's writers.

# Appoint Lee-Johnson . . .

(Continued from Page 1)

Both new appointees are veteran members of the GPI-GPE organization. Dick Lee, a physicist-turned-manager, joined GPL shortly after it was formed in 1945. He rose from project engineer, through

nology. He holds a BS-Physics degree from Hastings College, Hastings, Neb., and a Master's degree in Physics from the University of Nebraska.

Ray Johnson, a veteran of 30 years with GPE companies, earned a BS degree from the University of Wisconsin.



R. W. LEE

section, department and division head assignments to Vice President in charge of engineering and research. He became President of GPL in 1959.

During World War II Lee was Chief of the Ground and Ship radar section of the famed Radiation Laboratory of the Massachusetts Institute of Tech-



R. G. JOHNSON

He joined National Theatre Supply Co., a GPE subsidiary, shortly after graduation. Subsequently, with NTS and other GPE companies he was a Buyer, Assistant Controller and Comptroller.

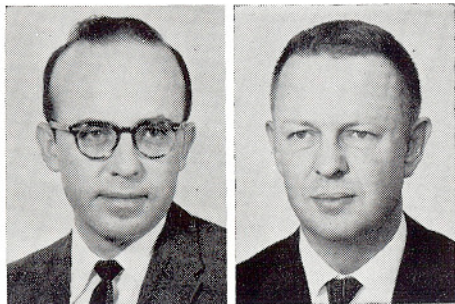
Johnson joined GPL as Controller in 1950, became Assistant Treasurer in 1956 and was made a Vice President in 1959.



# DPS Engineering Shifts to Glendale

(GLENDALE) Major portions of the Data Processing Systems branch engineering department were shifted Feb 21 from the Commercial Computer Division to the Librascope Division.

The department, managed by L. H. Bentley, is now a part of the Glendale



BRYANT

BENTLEY

Branch, with Bentley reporting to T. D. Bryant, Librascope Division Vice-Pres and Manager. It has been designated the Command and Control Systems department.

The move brings together under one divisional roof, all military and other government engineering development effort. Remaining in Burbank are the Commercial Computer Development section and the Process Laboratory.

Purchasing, personnel, finance, and other services are provided by the Glendale Branch. Marketing remains under the direction of the Librascope Division marketing organization, with E. W. Kyle as Manager.



no matter how I cater to him - He still says before APRIL 15th I'd better see my -

LIBRASCOPE

## CREDIT UNION

MARCH-APRIL, 1963



**HAPPY FAREWELL** — It was far from an all-male gathering, as witnessed above, that paid their respects to Jim Jones at his recent retirement party. Females flanking the celebrant include (l-r): Helene Whitt, Purchasing; Rose Raymond, Technical Library; Margaret Jarnagin, Purchasing; and Jessie Ferris, Glen-Accounting.

## Jim Jones Retires At 71; Gifts and Party Make Happy Sendoff

(GLENDALE) James E. Jones, Outside Manufacturing Buyer in Glendale Purchasing, retired March 1 on a GPI pension, five days after celebrating his 71st birthday, and five months short of completing 17 years with the company.

In the opinion of his superiors, Jim had developed to a fine and very personal art the complex process of developing reliable suppliers to meet the company's needs. Many a small company was able to compete on an even basis with larger firms for company orders because of the time and effort Jim expended in helping to develop their capabilities.

**THE OWNERS** of one small business, hearing of his coming retirement, wrote a letter to management which sums up the feeling of the many suppliers Jim had developed over the years. They wrote:

"His consistent help in teaching us how to meet Government and Librascope standards, how to handle the paper work, how to bid for a contract and many other examples of personal concern, are going to be missed as much as they have been appreciated.

**"ALTHOUGH JIM** will not have professional reasons to call upon us in the future, we hope that he will continue to call upon us as a friend."

A more vigorous and vital septuagenarian than Jim would be hard to imagine. One of President's Kennedy's 50-mile hikes wouldn't have daunted him; his natural pace on foot around the plant was a good five miles an hour.

Colorful in speech and manner, as well as in attire (who will ever forget those neckties and brightly-banded, sporty hats?), Jim's departure was no commonplace farewell. Several score fellow employees, former associates, and present and past Supervisors saw to that.

**THEY SAID** their goodbyes to Jim in a fashion he could enjoy—with a cock-

tail party and dinner in a private dining room at the Carriage House in Burbank. The party started at 6:00 P.M., and was still going strong at 11:30 (that's when LIBRAZETTE's representative faded away).

Among the partygivers were Joe Freiberg, Jim's most recent Supervisor; Marsh Cowan, now Division Materiel Director of the Librascope and CC Divisions, who hired Jim almost 17 years ago as a stockroom clerk, and Art Pederson, Supvr Benefits and Services, who was Jim's first supervisor.

**THE IMMEDIATE** future for Jim involves a long-planned trip to the Mid West to visit Mrs. Jones' relatives, ditto to La Grange, Georgia, Jim's hometown, then some sitting around before maybe starting his own consulting business.

Useful in these plans are the farewell gifts from his Librascope friends—a handsome suitcase, a \$100 U.S. Savings Bond and a folding chaise lounge.

## Up the Ladder

Herbert Meyer, Reliability Analysis Supervisor, Glendale branch, for the past year and a half, was appointed Reliability Manager of the branch on March 18.

Meyer's appointment, by Quality Assurance Manager W. J. Picker, followed extensive interviewing by the branch Supervisory Selection Board.

Members of the board were W. P. Strong, Training Director; G. W. Seltzer, ISG Employment Manager; Harlan Buseth, Assistant Branch Manager; J. H. Paquin, Director, Electronic Engineering, and Picker.





# Cost Reduction Report #46: Glendale Saves \$42,000 by Investing \$23,000

(GLENDALE) Sometimes you have to spend money in order to save money.

That, at least, is what happened in Glendale Reproduction recently, when the go-ahead was received to streamline its operation with the purchase of \$23,000 worth of new microfilming equipment.

The expenditure, however, is already proving to be a wise investment. From all indications and estimates, the microfilm equipment will pay for itself within the first half-year of operation. And from that point on, it's \$\$\$\$\$\$ saved.

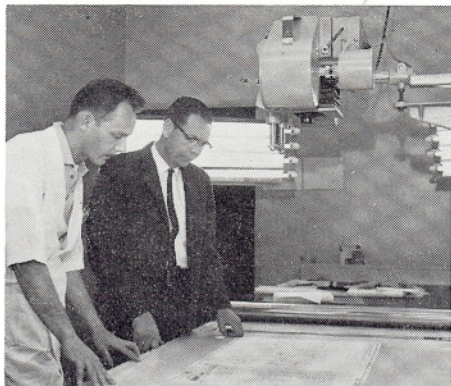
**THE HEART** of the new cost-cutting equipment is the 105mm (Micro-Master) microfilm camera. Its prime purpose: to reduce all engineering drawings to half-size reproductions, and in so doing, trim the consumption of blueprint paper by nearly 75 per cent.

The dramatic slash in our paper bill can best be seen by viewing the tremendous output of the Reproduction section. Last year, something on the order of 1,000,000 square feet of paper was consumed each month in Ozalid or blueline reproductions of engineering drawings. Using 1962 figures, the new equipment will be able to cut our annual paper consumption by nearly 9,000,000 square feet!

**THE INDIVIDUAL** who championed the cause for the microfilm setup was Walt Hendrix, Reproduction Supvr.

"With cost reduction an important theme throughout the company, we took a critical look at our operation to see if there wasn't a better way of doing things," Hendrix states.

**AIDING HENDRIX** in his search for a "better way" was a team of industrial engineers from the Glendale Management



**COST-CUTTING CAMERA**—Microfilm operator George Seimers and Reproduction Supvr Walt Hendrix look over original drawing about to be recorded on film by the 105mm Micro-Master camera. After it has been shot, the film is processed and washed, and ready for projection. In photo at top right, Seimers makes adjustments on the Micromaster projector while microfilm technician Stan Terrill uses magnaviewer for focusing the print. Once the print is made, it is processed, developed, and dried, then matched with its original order for blueline reproductions.



Engineering section headed by Supvr R. E. Awbrey. After several months of review and analysis, both Hendrix and the survey team concluded that there were several areas where operational modifications were needed, but the most significant change could be realized through the addition of a microfilm and miniaturization system.

The result of the investigation became known as Report #46. And the result of the report was the purchase of the Micro-Master camera and projector, and its support equipment.

In addition to the tremendous decrease in paper, the microfilm setup has achieved several other noticeable savings, also pro-

vides new conveniences for the man who uses the drawing.

"**THE NEW** half-size prints are much easier to work from," Hendrix points out. "They are more compact, more manageable, and perfectly readable—and they use 75 per cent less paper."

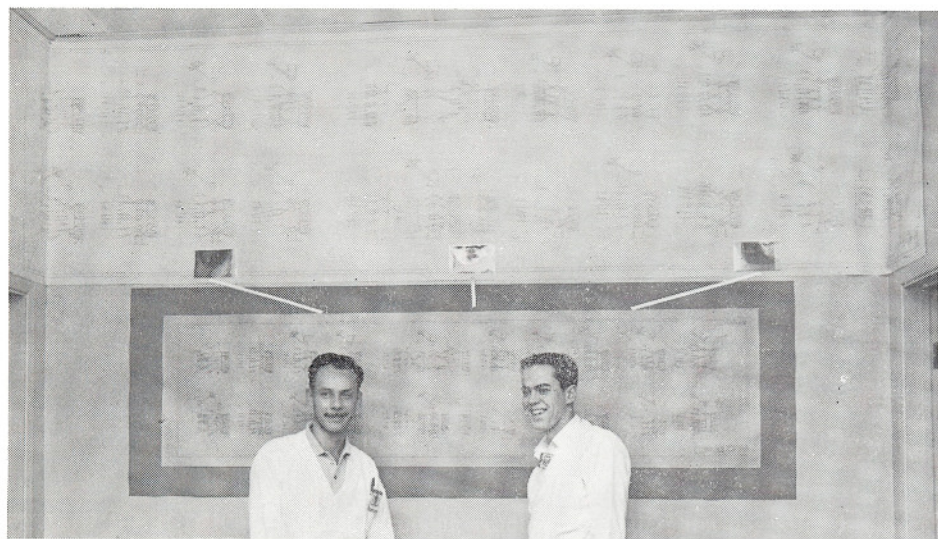
If the user is happy with the new drawing, so are the people who turn them out. Thanks to the new equipment, time spent on folding and handling of the prints has been trimmed substantially, and with the drawing recorded on film, there is no longer a need to reproduce and store bulky "second originals." The negative file now takes care of that.

**THE MICROFILM** system also provides the branch with new capabilities in "special process" reproductions which formerly were handled by outside vendors. Full size reproductions on autographic paper, linen cloth, and cronaflex film, suitable for record drawings and duplicate tracings, can now be done within the company.

The new equipment, now four months old, has eliminated all of the early operational bugaboos, and is now realizing some of the significant savings predicted for it by supervisor Hendrix and the survey team from Management Engineering.

**IN ITS FIRST** year of operation, the microfilm system is expected to clip paper costs and other operating expenses by nearly \$42,000 after paying the cost of the equipment. From then on, the annual cost reduction is placed at a "conservative" \$60-75,000.

Sometimes, you have to spend money in order to save money—and in the case of Glendale Reproduction, it's worth every cent of it.



**FINISHED PRODUCT** — The cost-cutting result of the microfilm operation is shown above. The huge drawing covering the top of the wall is the original. The drawing below is the "new size" version, thanks to the Micro-Master equipment.





## NEW FACES

A recent addition to the San Marcos branch is **Vernon M. Burns**, who has been named Materiel Manager, reporting to H. E. Beatty, Operations Mgr.

Burns joins the company following 18 years with General Dynamics/Convair, where he served most recently as purchasing agent. He was in charge of procurement for GD's major aerospace systems, electronics, and raw materials.

For four years, Burns was a partner in the Caliwood Co., manufacturers of furniture for homes and churches.

A native San Diegan, Burns attended San Diego State College, majoring in English and Zoology, and since 1951 has been taking courses in Business Administration through University of California extension.

Burns, who makes his home in Rancho Santa Fe, is married and has two teenage sons.

\* \* \* \*

**Billy B. Tilden**, a youthful (age 36) retiree from the US Navy, has joined Glendale's customer training section as an instructor, reporting to Supvr Lyle Crawford.

Tilden, who retired in January as a master chief sonarman, is an old hand with Librascope fire control equipment. In 1959, he spent six months in Glendale as a member of a customer training class in FCS maintenance.

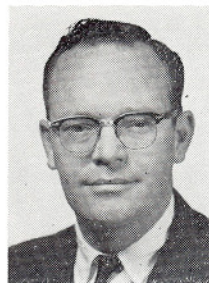
Prior to discharge, Tilden spent three years as section head at the Fleet Sonar School at Key West, Fla., supervising the instruction of FCS maintenance. He also spent three years as an instructor at San



Burns



Tilden



Matthews



Conant

Diego's Fleet Sonar School.

Tilden is married and has three girls and a boy. His family, which is presently located in Key West, will join him following the end of the school semester.

\* \* \* \*

**Billy A. Matthews**, formerly a technical programmer with the San Marcos (then Aerospace) branch, has rejoined the branch as a senior mathematician, reporting to H. D. Stanard, mathematical analysis supervisor.

In his new capacity, Matthews has been assigned to systems programming of real-time control computers.

During his year's absence from the company, Matthews was with General Dynamics/Astronautics as a research engineer assigned to the programming of the Centaur guidance computer.

A 1960 Mathematics graduate of UCLA, Matthews is married, has a teenage daughter, and makes his home in Escondido.

\* \* \* \*

**Theodore A. Conant, Jr.**, a BSME graduate from the University of Minnesota, has joined the San Marcos branch as a

systems analysis engineer, reporting to Supvr P. A. Ingalls.

Following his graduation in 1958, Conant joined General Mills, Inc., where he spent five years as a senior engineer assigned to logic design of digital computers.

A native of Des Moines, Iowa, Conant spent two years in the Army during the Korean War. He is married and makes his home in Escondido.

## Sunnyvale Bookings . . .

(Continued from Page 1)

Administration," Vallarino said over a two-year period. On-time delivery and performance of pilot E-E devices were important factors, Vallarino added. He credited the Electronics Engineering department, headed by O. W. Schreiber, Wm. Selbach, former applications engineer, and H. E. Roush, Contract Administrator, with playing important roles.

The production programming is complete and parts procurement is in process. Heading various elements of the program are R. L. Raschen, Production Manager, S. C. Proft, General Foreman, E. F. Browning, Supervisor, production control, and H. H. Hill, Director of production engineering.

**THE \$150,000 UTC** contract is for development of an ignition device to be used in stage separation in a major missile program. The device must meet certain critical current and voltage parameters, and Sunnyvale's demonstrated ability to manufacture explosive components which withstand rigorous environmental influences led to the contract award, Vallarino said.

Potential business in the production of this device is estimated at \$500,000 a year.

B. V. Carlson, Chief Engineer, Electro-explosive Engineering, heads the development team of which Senior Engineers W. C. Morgan and T. C. Parker, are members. Dr. Donald Davenport of the Stanford Research Institute, consultant to the branch, will assist.

**D. F. FINOCHIO, Jr.**, of the Sunnyvale Marketing department, played a key role in acquisition of the contract, Vallarino said.

"The beginning of all business wisdom is to be able to state what you're going to do."  
—Matthew J. Culligan.



**CCD EMPLOYEES** Carol Graham (left) and Rene Stratton partake of some Red Cross nourishment following their blood donation at the annual blood bank, held this month in Bldg B-08 cafeteria. All told, 76 employees made contributions to the CCD blood account maintained by the Red Cross.



# Supervisory Selection Plan Aid In Promotions To Foremen

(GLENDALE) The Supervisory Selection Plan was utilized again this month, to aid in the selection of two new Foremen in Glendale's Assembly department.

Named to the posts were **Dave F. Sweeney**, who joined Librascope-Glendale almost five years ago as a General

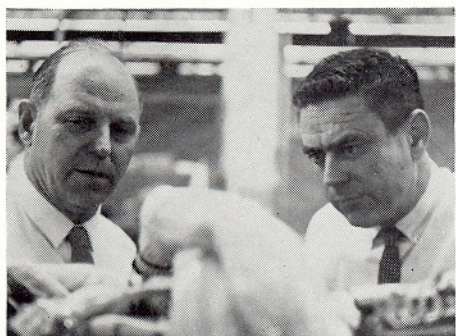


**NEW FOREMAN DAVE SWEENER**  
**GENERAL FOREMAN MARY BARNES**

Assembler - Electrical, and **Alfred W. Swingle** who signed on as a Methods Analyst - Electrical a little more than three years ago.

**WHEN TAPPED** for his new post by Assembly Supt L. L. Hey, Sweeney had been functioning as administrative assistant to retiring Supt H. J. Darby. Previously he had been a member of Glendale's Methods Improvement Group.

Swingle had been an area methods man in Assembly, working on several of the



**GENERAL FOREMAN JOHN BLAKE**  
**(R), NEW FOREMAN AL SWINGLE**

projects he will now have under his wing.

**BOTH MEN** were among the group of potential candidates for supervisory posts which the members of the Supervisory Section Board had assembled by interviewing employees and Supervisors throughout the manufacturing operation.

As usual, the winners had stiff competition, making the job of selection by Hey a difficult one. All candidates were currently employed in the branch, and all

rated high on the selection board's list.

Members of the selecting panel were Harlan Buseth, assistant branch manager, Supt Hey, Supt-Machining C. R. Cole, Pers-Mgr R. R. McDonald and Employment Supvr C. E. Talbot.

**BOTH NEW FOREMEN** spend long hours each week, after working hours, expanding their knowledge by attending college. Sweeney is working on his AA certificate at Valley Junior College, plans to continue on in pursuit of a B/A degree. Swingle, now in his ninth year of college work, expects to get his degree in Business Administration from San Fernando State College next June.



**VISITING STUDENTS**—Both university and high school students were touring guests at the Glendale facility this month. In top photo, Jim McKenzie, applications engineer, conducts a group of college students through Bldg B-11. The student visit was sponsored by IEEE. In bottom photo, Hoover High School students are seen focusing their attention on an oscilloscope during a vibration test in the Reliability laboratory. In center background is Reliability Engineer Jim Drugan who conducted the special tour (see story above).



## Science Students Learn Tech'n Needs

(GLENDALE) A new insight into the roles of the engineer and technician in today's society was provided for 44 visiting students from Glendale Hoover High School during a recent tour of the Glendale complex.

The students are members of a "technical science" course, a new pilot class being introduced this year at Hoover. The course, which includes in its curriculum instrumentation and calibration, is designed as an introduction to the highly skilled field of the electronic technician.

Heading the student tour was Jim Drugan, Reliability Engineer, who had visited the class and lectured on vocational guidance. Following an introduction to the company and its products by J. C. Whistler, Librascope Division Marketing representative, Drugan took the group through the Reliability environmental test facility in Bldg A-07 where they witnessed several tests in operation.



**Says Callaghan:**

## ***It's Yanks In the American and (Who Else?) Dodgers in National***

The two Walters—Alston and O'Malley—and the rest of the Dodger top brass can now put their minds at ease. It is now official. Harry Callaghan, the Nos-tradamus of Glendale Maintenance, leads off his annual baseball predictions with a Dodger pennant in 1963.

LIBRAZETTE interviewed Harry two days before St. Patrick's Day, a time when all Hibernian handicappers are allowed a special peek into the future. With a twinkle in his eye, Harry sees the Dodgers and the Yankees vying for the big money, come October.

**BUT WHILE** he is optimistic—even confident—about the 1963 Dodgers, there are several big "ifs" as Harry sees it.

"I'm kinda worried about Sandy's (Koufax) sore finger. He's looked good so far in spring training, but we'll have to see what happens during the season. And that Moose Skowron trade. We'll need a big year from him, too."

And how about Maury Wills? Will he drive pitchers crazy again with his base running? Says Harry: "I look for the kid to have another fine year, but I don't think he'll be stealing any 100 bases this year. I'd say he should be good for about 55 or 60."

**ANY SOFT SPOTS** in the home team that might halt their drive for the pennant? No, says Harry, unless some of the key men have disappointing seasons. "You can't foresee that sort of thing," Harry muses philosophically. "That's

what happened our first year on the West Coast—but I'd just as soon forget about that."

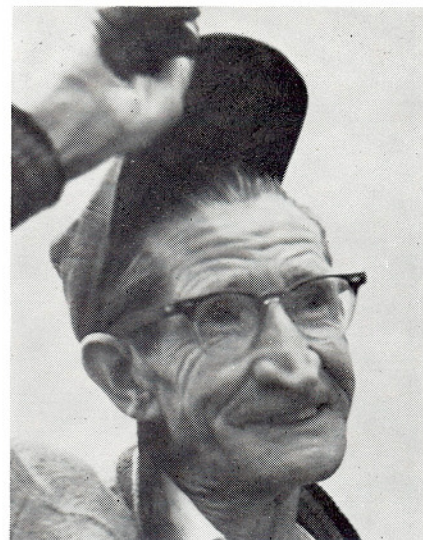
Harry, who preceded his Brooklyn club to California by some 12 years, won't date himself, but confesses to being a Dodger fan even before they moved into Ebbetts Field in the late 20's.

And what about the Giants, the Dodgers' arch rival in both New York and California, and the team that dumped the locals in last year's playoff? Harry predicts a third-place finish for them in 1963. "They're a big, strong club, but I don't think the pitching staff can take them to another pennant. I expect Cincinnati to have a good year, and be the major contender."

**AS FOR THE** "other" league, prognosticator Callaghan summarizes in a word: Yankees. As much as he admires the sensational sophomore year of LA's second entry in the major leagues, they are still a few seasons from keeping the Yanks out of the World Series, according to Harry. And the same goes for the remaining eight teams, he says.

So, if the Las Vegas oddsmen care to readjust the pre-season line on the upcoming pennant races, they may do so now. Harry Callaghan, dean of the Los Angeles chapter of Dodger rooters, has set forth his analysis of the upcoming season.

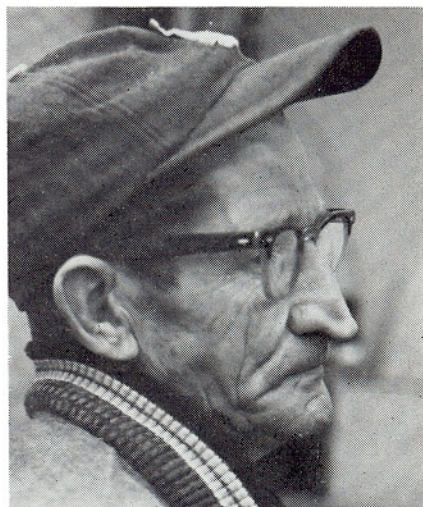
The only time he is wrong is when the Dodgers fail to win.



*"It's the year for the Dodgers . . .*



*"No one'll catch the Yanks . . .*



*"Maury won't steal as many this year . . .*

### **Callaghan Predicts!**

It's a brave man that is willing to commit his predictions to public record. Such a man is Callaghan. The following is Harry's evaluation of the two leagues and what he sees as their order of finish.

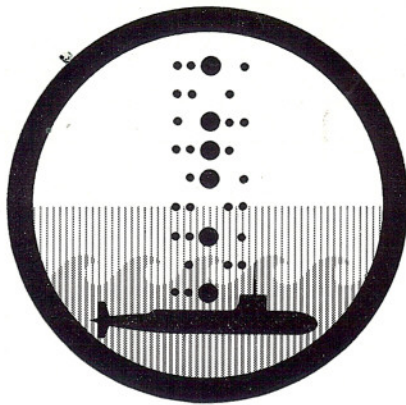
#### **NATIONAL LEAGUE**

1. Los Angeles — Great potential; should win it.
2. Cincinnati — They'll be right in there.
3. San Francisco — Strong hitting, weak pitching.
4. Milwaukee — A dangerous dark horse.
5. St. Louis — Good contender; might surprise.
6. Pittsburgh — Rebuilding for the future.
7. Philadelphia — Scrappy young team.
8. Houston — New and eager.
9. New York — Not much hope.
10. Chicago — Too many coaches.

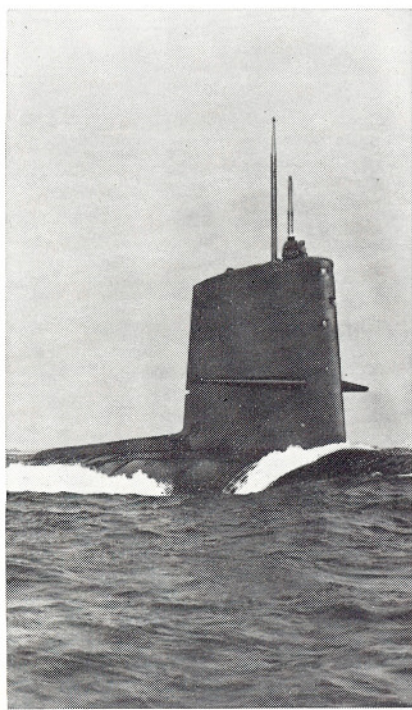
#### **AMERICAN LEAGUE**

1. New York — What's there to say?
2. Baltimore — Fine pitching; needs hitting.
3. Los Angeles — Already a contender.
4. Cleveland — Disappointed last year.
5. Minnesota — Will develop gradually.
6. Chicago — Speed, but that's all.
7. Detroit — Might be up closer at end.
8. Washington — Good pitching, zero offense.
9. Kansas City — Trouble maker for others.
10. Boston — Another bad year for Red Sox.





## In Shipboard Fire Control Systems, strength favors General Precision



This unique record in ASW and other shipboard fire control was achieved by the designers and developers of shipboard electronics for the Information Systems Group of General Precision: FOR POLARIS... analog computing modules for Fire Control Systems Mk 80 and Mk 84 installed aboard Polaris-carrying U.S. Navy nuclear submarines. FOR SUBMARINES... Underwater Fire Control System (UFCS) Mk 113, the Navy's first submarine-installed ASW fire control system to use electronic digital computing equipment. FOR ASROC... Underwater Fire Control Group (UFCG) Mk 111 incorporating the first electronic digital computer developed specifically for shipboard ASW fire control. FOR FRAM... UFCS Mk 114 shipboard weapon-control system, which can compute attack solutions for eight different ASW weapons; major element in Navy's Fleet Rehabilitation and Modernization program. FOR AASW... Study program for air-borne ASW computer system; in-being hardware capable of directing ASW operations from aloft. Send for information from **LIBRASCOPE DIVISION**

**GP GENERAL  
PRECISION**

INFORMATION SYSTEMS GROUP  
808 Western Ave., Glendale 1, Calif.

