



LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

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JULY-AUGUST, 1963

D. C. Eng. Office, Metrology, to Move

(GLENDALE) Hampered by lack of space to handle increased business, the Washington Engineering Office and the Metrology Laboratory in Van Nuys, shortly will move to larger quarters.

The East Coast location is in the wooded section of Montgomery County, Md., near Rockville, a few minutes from Washington. The West Coast location is at 8230 Haskell Avenue.

The Rockville space provides much needed room for the engineering staff, headed by Chief Engineer Chet Brandon. Engineering Manager Harold Timken, Jr., will have his office there and space will be provided for visiting members of the ISG organization.

The Washington Regional office, a part of the ISG marketing organization, remains in Washington.

(cont. on page 8)

Starlifter Rollout

Hugh Beatty, operations manager of Librascope Division's San Marcos Branch, was among the scores of aerospace industry and military guests on hand when Lockheed's first C-141 "Starlifter" jet transport rolled out of the hangar at Marietta, Georgia, Aug. 22. Hugh was "standing in" for all the San Marcos folk who designed and built the lightweight digital computer which helps guide the huge plane through the skies.

As Librazette Went to Press . . .

A contract for \$3,280,000 had just been awarded to the Glendale Branch Command and Control Systems department for engineering work and production on a third subsystem for the Air Force's 473L program.

A contract for \$750,000 worth of modules to be used in the Navy's SQS-26 program was in the final stages of negotiation between the Glendale branch and EDO Electronics.

Contracts for additional production of Mk 113, Mod 2, Fire Control Systems, Mk 114 Fire Control Systems, the C-141 product improvement program and follow-on production on the C-141 computer system, were in various stages of definition or negotiation.

Hourly Employees Retirement Plan Will Be Put Into Effect Sept 1

(GLENDALE) Employee benefits enjoyed by all employees of the Information Systems Group, will be further enlarged Sept. 1, when the Retirement Income Plan for hourly-paid employees goes into effect.



Annual Golf Tournament

(GLENDALE) The Precisioners' annual golf tournament will be held Saturday, Sept 28, at the Indian Wells hotel and golf course, Palm Springs. All ISG employees and their families are invited to attend the tournament and the party to be held the same evening.

Announcement of the Plan was made by President W. E. Bratton in a letter to all hourly employees.

The Plan provides a monthly income for life to all eligible employees after they retire. Amount of the income depends upon total service, and is in addition to payments received from Social Security.

The Plan is completely cost-free to employees. The cost of providing retirement income, as well as all operating and administrative expenses are borne by the Information Systems Group. These costs will be paid for out of the earnings "which all of us have a part in producing," Bratton declared.

Some features of the Plan:

Normal Retirement Age is 65, but, at the discretion of the Company, employees may continue to work until they are 68, on a year-to-year basis.

(Employees who will be 68 or over when the Plan goes into effect next month, are being given a year's grace and may continue to work until Sept. 1, 1964, if they so desire, says ISG Benefits and Services Supvr A. R. Pederson.)

Employees who become disabled and unable to work still will be entitled to retirement benefits, on a pro-rated basis, if they have been continuously employed for a total of 10 or more years and have reached age 50.

Employees who leave the Company after the Plan goes into effect, also are entitled to retirement credit for their years of service, if they terminate for reasons other than disability or retirement, have attained age 45 and have accumulated 20 or more years of continuous service. Their retirement payments would start after age 65.

Credit toward retirement for hourly employees who previously were salaried employees with ISG or any other GPE company, is provided in a section of the Plan called "Non-Benefit Service."

(cont. on page 8)

Appoint B. A. Lizzi To Accounting Post

(GLENDALE) In Bruno A. Lizzi, newly-appointed Accounting Manager of the Information Systems Group, the Company has acquired a multiple threat man; by profession—certified public accountant, Lizzi is familiar with the accounting practices of Canada, the United Kingdom and the United States, and by birth he is fluent in French, Italian and English.



Lizzi

ISG's new accounting leader was born in Canada, is now a naturalized citizen of the U. S., and is an accounting graduate of Canada's famed McGill University. He holds government-awarded ratings as a Chartered Accountant in Canada and Certified Public Accountant in California.

Married and the father of two youngsters nine and eight years old, Lizzi was with the well-known public accounting firm of Price, Waterhouse & Company for seven years before joining ISG.

Prior to joining Price, Waterhouse, Lizzi was with Canadian chartered accounting firms and also spent two years with the Canadian Department of National Revenue, our across-the-border neighbor's equivalent of the U. S. Internal Revenue Service.

Greene New Methods Improvement Supervisor

(GLENDALE) Frederick Greene, who traveled the long path from boot seaman in the Navy to a college degree in industrial management, is Glendale's new Supervisor of Methods Improvement.

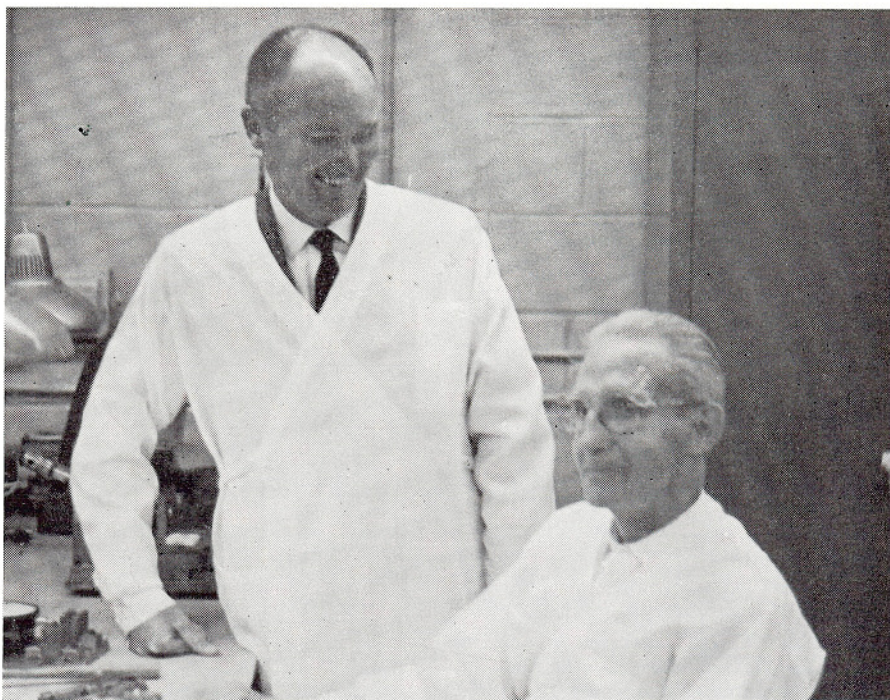
Greene, who reports to L. J. Winik, Manager, Industrial Engineering, spent eight years in evening classes winning his degree from San Fernando State College. Meanwhile, he held down full-time jobs with Packard-Bell, Northrop-Ventura, Hoffman Electronics, Automation Electronics, and other electronics firms.

The new Supervisor has been an electronic technician, assistant production manager, production foreman, senior manufacturing engineer, senior industrial engineer and, with one firm, was assistant to the president.

Greene, who makes his home in Granada Hills, is married and the father of two youngsters five and two years old.



Greene



HERCY G. SALES, who will be ISG's first retiree under the Hourly Employees Retirement Income Plan, is visited in Glendale's dust-free room by ISG President Bill Bratton. George will retire Sept 5, four days after the Plan goes into effect.

George Sales, 10-Year ISG Veteran, Is First Retiree Under ISG Hourly Plan

(GLENDALE) Hercy George Sales, a 10-year veteran of the Glendale Branch's assembly department, will be the first employee to retire under the newly instituted Information Systems Group Retirement Income Plan for hourly employees.

George, whose 68th birthday is coming up next January, elected to retire Sept. 5, just four days after the Plan goes into effect.

An expert assembler of high-precision devices all his life, George has been a final assembler throughout his career with the Company. He currently works on differentials in the "dust-free" operation in Bldg 2, headed by Supvr Willard Mather.

His years with the Company have been "good ones," George told President Bill Bratton when the latter visited him at work. "I've enjoyed my time here and it's been a good place to work."

Reminiscing about past events, George recalled for Mr. Bratton the time when an assembly problem threatened to delay delivery of some important "black boxes."

"I helped lick that problem," George related, "and the Company gave me a raise for it, too."

A World War I medical corpsman, Sales later developed arthritis from his months in the mud of trenches in France and it has left him partially disabled. He uses a cane and sometimes a wheelchair. But it hasn't affected his work. Says Supvr Mather:

"George is one of my best assemblers. If I give him a job I never have to worry about it, because it will be done properly. I hate to lose him, but he sure has earned a rest."

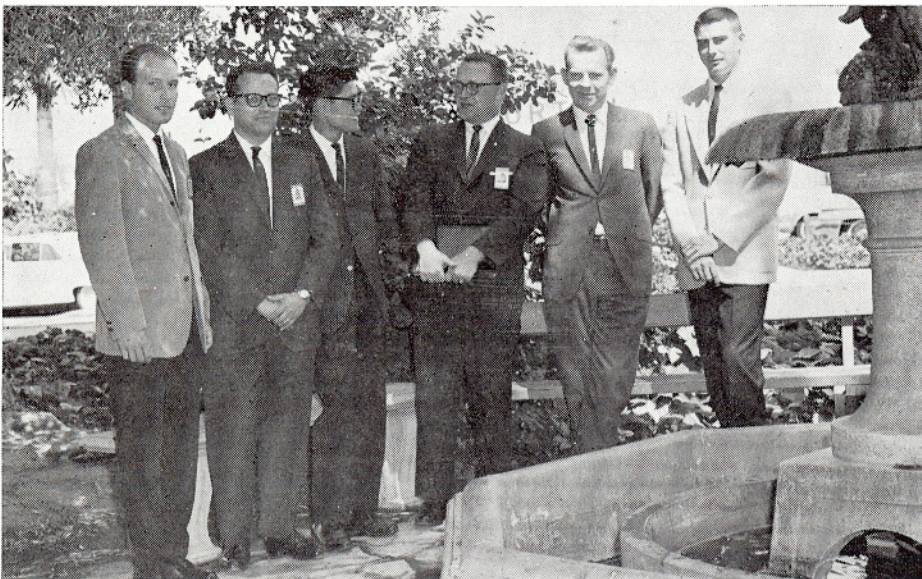
On the eve of World War II George had designed an oil burner, back in his home state of Michigan, and helped organize a company to market and manufacture it. Lack of material priorities killed the project and, after the war, lack of capital prevented reviving it.

"But now that I'll have the time, I think I'll bring that burner up to date and see what I can do with it," George told LIBRAZETTE.

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AN INVESTMENT in the future is this group of new associate engineers, shown here with ISG training Director Wayne P. Strong, in front of Glendale Publication Section's building. L-R, Roger A. Endara, UCLA; David Zollman, L.A. State; Roy Kakuda, Cal-Poly, SLO; Strong; Robert W. Gaines, L.A. State; and Wayne E. Paschen, L.A. State. (See story at right.)

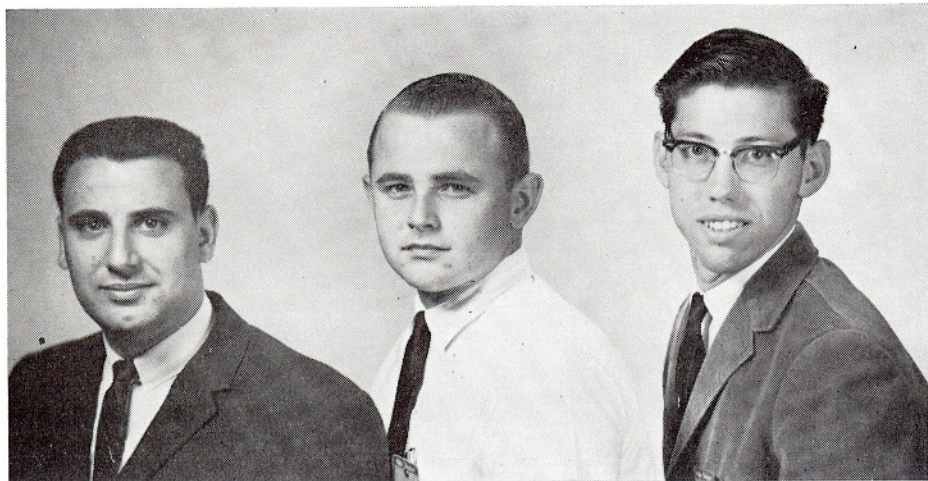
Cal-Poly, SD State June Grads, Are New San Marcos Engineers

(SAN MARCOS) The San Marcos branch made such a good impression on two of its temporary employees that when they received their engineering degrees this year it was only natural that they returned to the fold to begin their professional careers.

Associate Engineers William L. Westlake, who was an engineering aide during the summer of 1962, and Robert D. Patti, who was an electro-mechanical component inspector in the summer of 1959, are 1963 BSEE graduates of Cal-Poly at San Luis Obispo and San Diego State College, respectively.

They and Robert O. Kellam, Jr., a B/S graduate of Cal-Poly, form the "Class of June '63" engineers at San Marcos. Like their counterparts in the Glendale branch of the Librascope Division, ISG, they constitute part of San Marcos' "Investment in the Future."

All three have been assigned to areas of their professional interest; Westlake to circuit design under Project Manager Keith Tattersall and Patti and Kellam to Design Engineering under Director Philip J. Wyels.



THREE of San Marcos branch "investments in the future" are newly-graduated associate engineers (l-r) Robert D. Patti, William L. Westlake and Richard O. Kellam, Jr. Westlake and Patti were "summer hires" during their school years.

Glendale Hires Five New Grads

(GLENDALE) "An investment in the future" is what R. R. McDonald, Glendale Branch personnel manager, calls the five young engineering graduates who have just joined the organization.

The five, all graduates of Southland institutions, are assigned to engineering, engineering support and manufacturing support areas, after a period of orientation in Company operations.

"We're gambling," says McDonald, "that these young examples of talent will develop into the leaders of tomorrow, just as some of those we recruited in the past developed into our leaders of today."

The five are:

Roger A. Endara, at 23 the youngest of the group, a BSEE from UCLA, who worked for Douglas Aircraft for a year following graduation, then enrolled at USC to study for an MSEE, which he expects to get next February. He has been assigned to a circuit design group in the Command and Control Systems Dept under Director Marvin E. Ettinghoff.

Robert W. Gaines, at 30, is senior of the group. Married and the father of four, Gaines' interest in engineering was kindled while serving a four-year enlistment in the Air Force. He graduated from L.A. State last June with a BSEE, after seven years of combining work and study. He has been assigned to the Reliability section under Supvr Warren K. Emery.

David Zollman, 28, is a newly-minted citizen of the U.S., as well as a brand new BSEE from Los Angeles State. Born in Israel, Zollman was a radio technician with the government radio network, also served in the Israeli Army for 2½ years. He came to the U.S. four years ago to further his education, met and married an American girl, decided to become a citizen. He also is the brand new father of Felice Sharon Zollman, born Aug 20. He is assigned to Quality Control and reports to Supvr Russ Hofgren.

Wayne E. Paschen, 25, attended Cal-Poly at San Luis Obispo and San Fernando Valley Junior College, before winning his BSEE degree from Los Angeles State College last June. During summer vacations he worked for Rocketdyne, Litton Industries, Lockheed Aircraft and Bendix-West Coast in electronic related jobs, plans to continue his work toward an MS degree. He has been assigned to the electronic circuit design group headed by Supvr Paul F. Fischer.

Roy Y. Kakuda, 24, a June BSEE from Cal-Poly, San Luis Obispo, was editor of the college unit IEEE bulletin, vice-pres of the Alpha Sigma society and a member of the cross country track team. As his senior year project he wrote a paper entitled "Effects of Nuclear Radiation on Electronic Components." He is assigned to Supvr Fischer's group.

Marketing Adds Six to Staff

(GLENDALE) Further strengthening of the Librascope Division marketing organization has been announced by Robert O. Vaughan, Vice-Pres, Marketing.

Four experienced marketing men have been added to the staff, Vaughan said, a liaison office has been established at GPI headquarters in Tarrytown and Staff Engineer Philip A. Ingalls, previously head of Systems Analysis at San Marcos, has joined the marketing group.

New to the ISG organization are: **Arthur G. Red**, to whom, as Director of Regional Marketing, all regional marketing representatives will report. Red, formerly Director of Government Operations for Litton Systems, Inc., is a 1944 graduate of the U.S. Naval Academy. He is a former assistant head of the radar branch, U.S. Bureau of Aeronautics, and was a project engineer in the advanced design department and head of the command and control section with Litton before shifting to government operations.

Red holds a patent in microwave electronics under the title, "Automatic Wave Guide Compensation," is the author of a paper entitled "Airborne Tactical Data Processing," published in the proceedings of the 1957 Navy data processing systems symposium.

Wesley E. Niemond, named Marketing Manager for the Command and Logistics Systems Dept of the Glendale branch. Niemond was Manager, Proposal Operations, for System Development Corp., for three years, before shifting to ISG. Earlier he was digimatics operations manager of Stromberg-Carlson's electronic division, a member of the technical staff of Hughes Aircraft's industrial systems division.

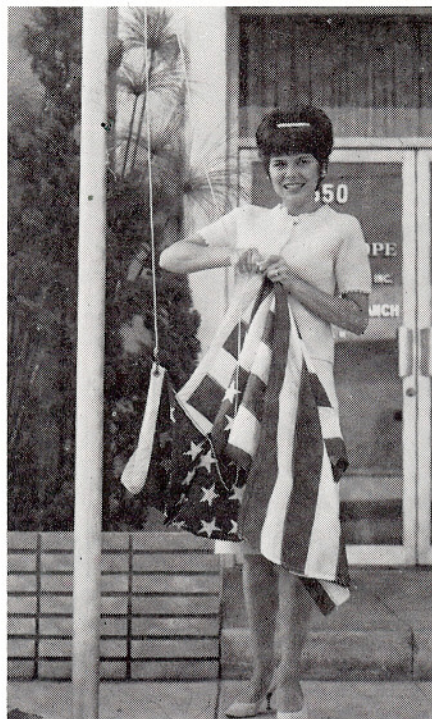


Red



Niemond

Arthur W. Galusha, named Manager Boston Regional Office, succeeding Staff Engineer Alan Bloch, who has shifted to the Research and Systems Center. Galusha previously was Manager of Litton Systems' northeast regional office in Boston. For three years he was Manager, Navy Product Planning, for the Raytheon Co., at Bedford, Mass., and Sales Manager, Advanced Programs, of General Electric's Military and Space Vehicle Dept at Burlington, Vt.



EACH MORNING of the work week finds **Toby Moll**, receptionist in Bldg 11, Glendale, carrying out the added-duty assignment of raising the stars and stripes to the top of the flagpole. All is according to regulations, too; visiting Air Force students have briefed Toby on the proper protocol.

David B. Graeser, newly appointed District Marketing Representative at Dayton, was senior marketing specialist in the Dayton office of National Cash Register's military marketing department. Before that he served as an Air Force project engineer on the Snark and Goose missile programs at Wright-Patterson Air Force Base. He holds a B/S degree from Case Institute of Technology, Cleveland.

J. Ward Wright heads the Librascope Liaison Office at GPI, Tarrytown. He previously was Manager, Librascope Regional Office at Huntsville, served as Assistant Manager there of the Martin Company's office. A former government economist, he holds M/A and B/A degrees in economics from the University of Michigan. As an Air Force Captain he served two tours of active duty, in 1943-46 and 1951-53.

Phil Ingalls, who joined the Librascope organization immediately after graduation as a BSEE from Cal-Berkeley in 1957, has been involved in the engineering phases of every major project in the San Marcos branch. His immediate assignment in marketing is to provide additional marketing and technical support on current airborne and space programs originating in the Dayton area. As Program Manager-Space Electronics and Information Systems, Ingalls headquarters in the Dayton Librascope office.

Set Libravet Party Date For Oct. 19

(GLENDALE) Saturday evening, Oct 19, has been chosen as the date and Pike's Verdugo Oaks Restaurant has been selected as the location for the 1963 Libravet party and dinner dance honoring veteran ISG employees, according to Chairman Dave Harrison.

The restaurant's new Versailles Room will be the setting of the party, to be preceded by a cocktail hour at which President Bill Bratton will be host.

Invitations from Mr. Bratton will be sent to all employees who will mark their 10th year with the Company this year, and to all employees who have served 15 years or longer.

Service pins and certificates will be awarded to the new 10 year Libravets and to those attaining their 15th and 20th years of service.

Chairman Harrison has been aided in making plans for the event by a committee of Librascope and Commercial Computer Division Libravets composed of the following:

Dorothy Brand, Robert D. Geno, Paul C. Kane, Keith Kinnaird, Robert Laperle, Iva M. Pate and Harry L. Plunkett.

Barrios to Property Meet

(GLENDALE) Eloy A. Barrios, Corporate Property administrator for ISG, was a delegate to the 2d annual government meeting of the Industrial Property Management Ass'n in Los Angeles, July 11.

The group, composed of industrial property managers from throughout the U. S., met to hear discussion on the new Armed Services Procurement Regulation, "bible" of the defense industry in its relations with the federal government. Discussions also were held on incentive type contracts, contract termination procedures and other matters related to management and use of government property.

Speakers included representatives of the Department of Defense, General Services Administration, the Air Force, the Army and the Navy.

Barrios is secretary of the association and one of its founding members.

San Marcos Open House

Children and wives of San Marcos employees were guests of the management Sunday, Aug 25, at an "open house" in which the new building was the center of attraction.

It was the second such event since the branch began operations in Dec, 1961. "We've grown so much since then—530 people on the payroll now—that we felt it was time for another get-acquainted session," said Hugh Beatty, operations manager.



(Above) ATTENTIVE are these five Air Force civilians and military men in classroom session on circuitry. L-R, A. L. Glidden, R. L. Chandler, S/Sgt H. E. Branson, T/Sgt H. E. Branson, T/Sgt L. D. Stokes and M/Sgt C. E. Jacobs. (Right) OPERATING aspects of the data processing subsystem's huge disc memory, are explained by Engineer Irwin Furman to T/Sgt Stokes and M/Sgt C. E. Jacobs.



Air Force Men Learn How To Maintain 473L System

A group of nine senior Air Force non-technicians are making their home with the Command and Control Systems department of the Glendale Branch for five months, getting ready for assignments which won't be issued until early next year.

They are the men with whom the Air Force will form the nucleus of a maintenance and repair squadron in Washington to support operation of the 473L Command and Control System. This huge, complex and many-unit assemblage of electronic gear has been assigned a classified mission in the Air Force command structure.

Glendale's C&CS department is building the AN/FYQ-11 Data Processor Subsystem portion of the 473L system. Program Manager Maurice Center estimates that the subsystem will be delivered "early in 1964."

It will take some 760 hours of classroom and on-the-job training to equip each Air Force man with the knowledge

and capability of servicing the 473L subsystem, says Dick Jaeger, systems engineer who is serving as training director for the group.

"This works out to 19 weeks of eight hour days, five days a week, with plenty of 'homework' assigned," Jaeger told LIBRAZETTE. "It's no snap course."

All the men assigned by the Air Force have a background of radar, communications and other electronic instrument experience, but their current training is their first exposure to digital computers and electronic data processing.

"These are all mature, serious-minded career men," observes Jaeger, "and they make good students. The training they receive here, plus what they will learn in actual operation during the 'run-in' period, will make first class technicians out of them."

As set up by Jaeger, the average school day consists of four hours in the classroom in Bldg 12 and four hours in the checkout area in Bldg 11.

"We tell them about it in the classroom, then we show them what we were talking about with the actual machines," Jaeger says.

"We" means Jaeger and the other members of the C&CS Dept who aid him. Functionally, Jaeger's "faculty" couldn't be better equipped for their extra-duty assignments; they are members of the engineering groups which designed the subsystem. Currently they are Engineers Jim Conway, Ben Sato, Irwin Furman, Gene Steen and John Freeman.

Members of the current class, the second of a scheduled three, are:

Senior M/Sgt Glendon W. Wetzel, Jr., in charge of the group; M/Sgts Clyde E. Jacobs and Charles W. Latta; T/Sgts Larry D. Stokes, Kenneth G. Winn and Donne W. VanCampenhout, and S/Sgts James E. Owens, Albert J. Wright and Hawden Branson.

Civilian members of the group are Robert L. Chandler, Bibb J. Dickey and Allen L. Glidden, from Keesler AFB, Miss.

(Below right) IN CHECKOUT area of Bldg 11, students check performance of L-119 computer's buffer processor with oscilloscope. L-R, S/Sgt J. E. Owens, T/Sgt Stokes, S/Sgt A. J. Wright and T/Sgt K. G. Winn. (Center) ENGINEER Ben Sato details operation of L-119 buffer/processor, following checkout, to S/Sgts Wright and Owens and T/Sgt Stokes. (Right) HIGH SPEED line printer operation is demonstrated by Engineer Don Forgea to S/gt Wright and T/Sgt Stokes.



New ISG Research and Systems Center Adds Four to Staff to Expand Capabilities

(GLENDALE) The new ISG Research and Systems Center, in a programmed expansion of capabilities, has added four staff engineers to the organization, according to J. R. Weiner, director.

Each has been assigned to current research programs or to studies leading to new areas of company endeavor, by Dr. John M. Salzer, R&SC associate director. They are:

Dr. Richard H. Fuller, recently awarded his PhD by UCLA, is concerned with memory techniques throughout ISG, will conduct studies in the organization and utilization of associative memories, and in the application of mass memory systems.

Dr. Fuller holds a B/S degree from Cal-Tech and an M/S degree from MIT. His doctoral studies were conducted under a grant from the Ampex Corp; title of his thesis was "Content-Addressable Memory Systems."

Dr. Fuller, a former Glendale resident (he graduated from Glendale High), has had 11 years of experience in computer languages, design and instrumentation, with Thompson-Ramo-Wooldridge, Pacific Semiconductors and with the engineering departments of UCLA and MIT, as section head, graduate and resident engineer.



Fuller



Bird

Richard M. Bird, who is the principal investigator in speech compression studies under a contract from NASA. Bird is a returnee to the organization, having served as project supervisor on the SUBROC program during 1959-60-61. During his absence he was a member of the scientific-engineering staffs at Electro-Optical Systems and a staff advisor with the Missile and Space Systems Division of Douglas Aircraft.

Bird holds a BSEE degree, from Cal-Poly, San Luis Obispo, a BS/Math degree from the same school, a BS/Aeronautical degree from Cal-Aero, an MSEE from Cal-Berkeley, an MS/E from UCLA.

James H. Paquin, previously electronics engineering director of Glendale Branch engineering, and one of the company's most knowledgeable men in circuit design and memory systems. He played an important role in both the SUBROC and ASROC programs.

Paquin, who studied at Illinois Institute of Technology and took his degree in communications at the University of Minnesota, has been assigned to the study of new memory systems, signal processing and new circuit design.

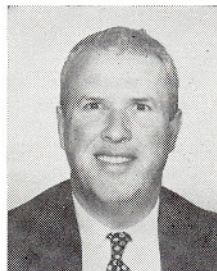
Alan Bloch, previously regional engineering representative in the Librascope Division's Boston office, and earlier staff consultant to the Director of Research at General Precision Laboratory (GPL).

Bloch holds a BA/Physics degree from Swarthmore College and an MA/Physics degree from Oberlin College. He worked in missile and computer development with Eclipse-Pioneer, ARMA and Lear, Inc., and was a teaching fellow in Physics at the State University of Iowa. He also was a staff writer for Fortune magazine and is a veteran of four years in the Royal Canadian Air Force during World War II.

Bloch has been assigned to advanced analysis of signal processing and will



Paquin



Bloch

continue to contribute to the 473L Air Force program, with which he has been identified from its start. He will headquarter in Boston.

Salomon WESCON Paper

(GLENDALE) Engineer Phil M. Salomon, of Glendale Engineering's electronic circuit design group, presented a technical paper at the semi-annual Western Electronic Show and Convention, held Aug 20-23, at San Francisco.

Salomon's paper, entitled "Electronic Instrumentation of a Photogrammetric System," is to be published in the WESCON Proceedings.

The paper won an award under the ISG Employee Writing Incentive Program prior to publication. It was the third such award received by Salomon, who previously had been a co-author with two other ISG engineers.

Send 'Em Back!

The ISG Organization and Systems Planning department in Bldg I-03, Glendale, requests that all Management Manuals labeled "Librascope Division," be returned to the O&SP office. This manual is now obsolete and is being replaced by a new publication.

Post Office Puts ZIP Into Mail

If you want your personal and business letters to reach their destination in a hurry, use the U. S. Postal Service's new Zip Code addressing system.

ZIP (Zone Identification Program) Code is a five-digit number, tacked on the end of an address in place of the present zone number, such as:

Information Systems Group, GPI
808 Western Avenue
Glendale, Calif., 91201.

The 912 portion of the ZIP number identifies the area of the nation, the state and the city, the 01 portion the local number. A postal clerk sorting mail can do it much faster by using the ZIP number, rather than the spelled-out city and state names.

Learn your own ZIP number (you can get it by calling your local postoffice) and the numbers of your correspondents. Put it in your return address to insure quick delivery of replies. (We'll have the Company's printed on our new supplies of stationery.)

Actually, introduction of the ZIP code is a preparatory move on the part of the Postal Service, to get us used to the idea. Before too long we'll be required to use the ZIP number, because new computerized mail handling systems require it in order to function properly.

For those who want to start now in applying ZIP to company mail, here are the ZIP numbers of all ISG locations:

ISG, Librascope Division and Glendale Branch—91201.

Burbank—91501
San Marcos—92069
Sunnyvale—94086
Washington—20006
Houston—77023
Boston—02181
Dayton—45420

ZIP Code number of GPI headquarters at Tarrytown is 10592.

Osborn at AOA Meet

(GLENDALE) I. H. Osborn, Supvr of Packaging Engineering, Glendale branch, is aiding in arrangements for the Annual Meeting of the American Ordnance Ass'n, to be held Sept. 23-25 at the El Cortez hotel in San Diego. Osborn is Chairman of the Container section, Packaging Division of the national organization.

Name R. C. McCormick CCD Plans Director

(BURBANK) Robert C. McCormick, previously Manager of Sales Administration, Commercial Computer Sales, has been appointed Director of Planning for the Commercial Computer Division. He reports to R. W. Lee, President of CCD and Executive Vice-Pres & General Manager of Information Systems Group.

McCormick has been charged with responsibility for the coordination of product planning for the division's computer, components and electro-explosives product lines. He also is responsible for the generation of intermediate-term sales forecasts and the Division's research and development plans.

R. D. Mc Ewen Named Repro Supervisor

(GLENDALE) Robert D. McEwen has been appointed Supervisor, Reproduction Services for the Glendale branch. He succeeds the late Walter C. Hendrix.

McEwen (pronounced mick-you-en) brings almost 10 years of experience to his new post. He was manager of operations and sales for two commercial blueprint and general reproduction firms and also managed reproduction services for Hughes Aircraft's Fullerton plant.

A five-year Navy veteran (1942-47) McEwen left the service as a Boatswain's Mate 1st Class. He is married, the father of three and makes his home in West Covina.

PhD Candidates Aid Research, Manufacturing, in Summer Work

(GLENDALE) Two candidates for doctoral honors from the University of California, are part of the Information Systems Group this summer, working on projects for Glendale Manufacturing and for the ISG Research and Systems Center. Both return to their studies in the fall.



Quigley



Harris

Twenty-three year old Robert J. Quigley is an associate physicist in the Systems Technology section of the R&S Center; Roy D. Harris, 29, is a Senior Industrial Engineer with the Glendale branch.

Both are working on projects associated with their studies, Quigley on infrared inquiries and Harris on an inventory control system and development of documentary procedures to serve both manufacturing and engineering.

Quigley holds BS-Physics and MS-Geophysics degrees from Cal-Tech, is now in the second year of his work toward a PhD at University of California Riverside. He is a native of Los Angeles.

Harris, who hails from Palestine, Tex., earned BSME and MSME degrees from the University of Texas at Austin, is working on his PhD in Production Management at UCLA. He was the winner of a Ford Foundation Scholarship for 1963-64 at UCLA.



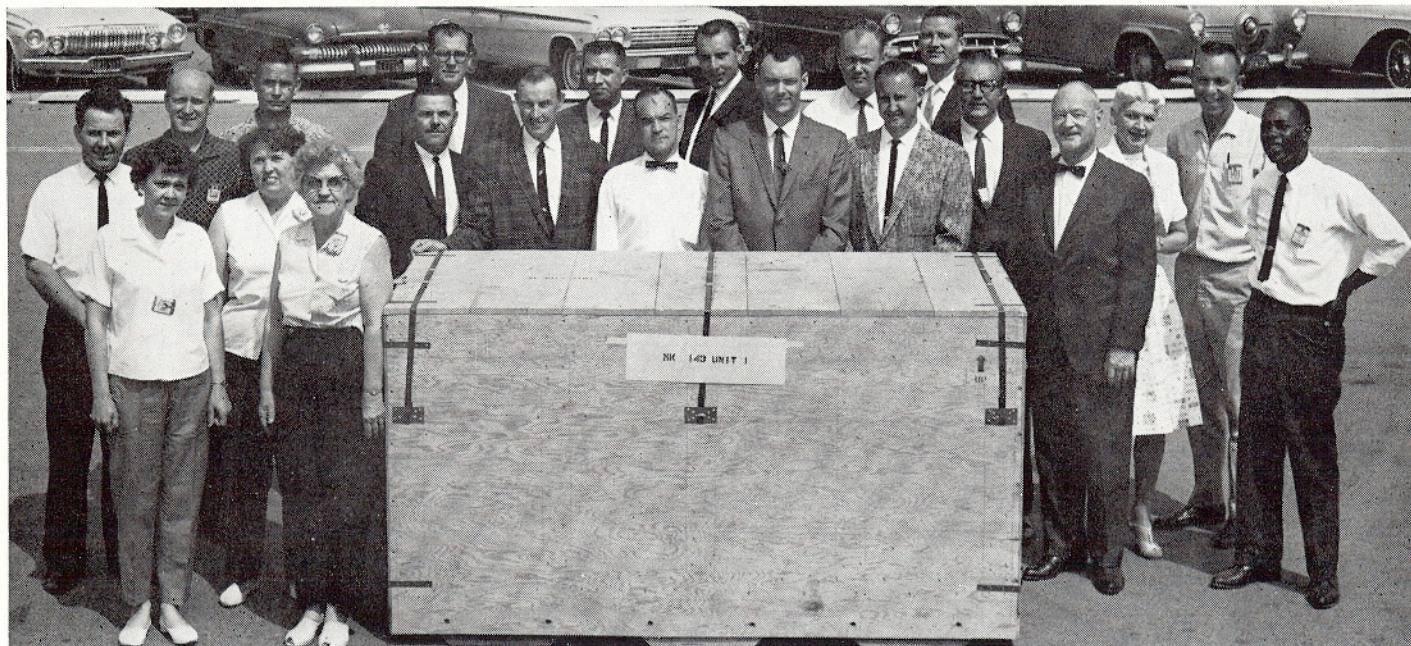
McCormick



McEwen

Wayne P. Strong, ISG training director, has been named Chairman, Research Committee, of the American Society of Training Directors, Los Angeles chapter.

Larry S. Cahill, ISG Director of Telecommunications, has been elected President of the Tele-Communications Ass'n for 1963-64. A founding member of the group, Cahill previously was Vice-Pres and Secretary.



THE FIRST Mk 143 Computer is inside the huge shipping container pictured above; gathered around are some of the Glendale Engineering, Manufacturing and support personnel who designed and built it, and the Navy quality control team which monitored the project. From l-r in the outer ring are Iva Pate, Jim Phillips, Steve Jackman, Charles Morgan, Rod Reynolds,

Ted Kolb, Don Tubbs, Arnold Peters, Bob Felker, Arlene Hesse, Gene Cullen and Matt Jones. In the inner ring, l-r, are: Marietta Ripley, Mary Butler, Charles Gilkey, Tom Chrisman, Harvey Goodwin, Robert A. Chambers (project manager), Harold Ferguson, Bill Wasson and George DeWolfe. DeWolfe is Chief of Navy QC here, Wasson and Jones are members of his staff.

Name Changes

A note to Summer brides; when you changed your name at the altar, did you change it, too, on all your legal records? Most important is to get the record straight with Social Security. Your local SS office will be happy to take care of it for you.

Name Ten Advisors to Jr. Achievement

(GLENDALE) Ten members of the Glendale branch and ISG Offices organizations have accepted appointment to be advisors for the two Junior Achievement companies that the Company will sponsor during the 1963-64 high school year.

The appointments were made by Sidney L. Briggs, ISG Vice-Pres, Administration.

Advisors for Company One are:

C. R. ("Bud") Linsley, Don Derrington, Dave L. Sanson, Mary E. Barnes and John L. DelleFave.

Advisors for Company Two are:

Dwight E. Roof, Ernie F. Mendez, Casper C. Dracy, William M. Walker and Harold E. Compton.

This year marks the 10th successive year that the Company has sponsored one or more of the student organizations, whose members learn the workings of the free enterprise system by actual organization and conduct of a profit-oriented business.

Retirement (cont. from page 1)

All employees who become full-time employees after Sept. 1, 1963, are eligible to receive retirement benefits, provided they were not 55 years or older when they hired in, and had accumulated 10 or more years of Benefit and Non-Benefit Service.

Counted as "Benefit Service" toward retirement are such paid-for absences from work as jury duty, annual "military encampments," and earned vacation time.

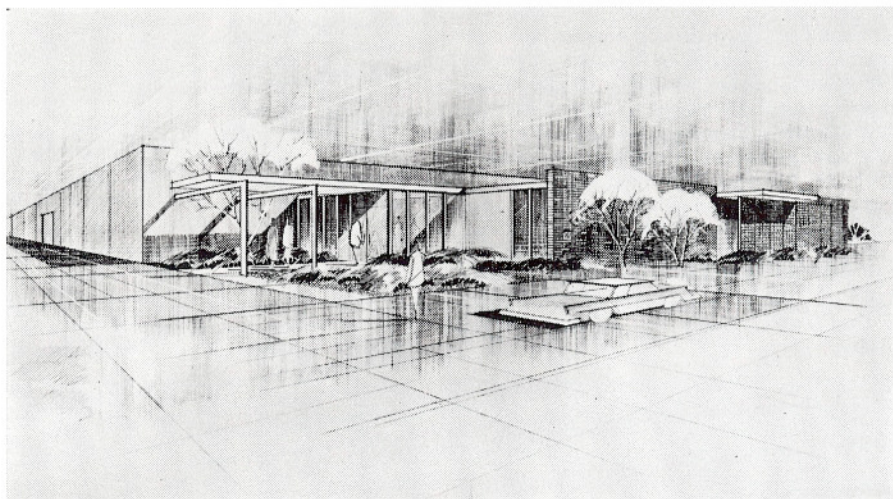
Buildings (cont. from page 1)

For Metrology, the shift to the Haskell Avenue location will be its second move since it was reorganized to handle outside as well as company business, just a year ago.

"We have outgrown our present quarters," Metrology Manager Dave Harrison told LIBRAZETTE, "because of increasing workloads from our growing list of customers. The new building will provide ample working room for the present and provide for future expansion, too."



HELEN KENNEDY, ISG offices, President of the newly-formed Golden State Toastmistress Club, proudly displays the organization's charter to S. L. Briggs, ISG Vice-Pres, Administration, and A. R. Pederson, ISG Supvr Employee Benefits & Services. Women employees in Glendale complex and neighboring firms comprise the group's membership.



WHEN TRANSFORMED into the reality of brick, glass, concrete and steel, this is the way, as the artist sees it, that the new Metrology Lab at 8230 Haskell Avenue, Van Nuys, will look. Ground has been broken and a tentative completion date of Nov 1 has been set.

Walter C. Hendrix

(GLENDALE) Walter C. Hendrix, for four years Supervisor of Reproduction Services of the Glendale branch, died July 19 in a Los Angeles hospital. He had suffered a heart attack earlier in the year, returned to work, and then suffered a relapse. He was 46.

Liked and respected as a person and as an employee, Hendrix had led as active a life outside his work as he did while on the job. Before moving to Burbank he had been Mayor of Duarte, Chairman of that city's Salvation Army committee, a member of the Lions' Club and of American Legion Post No. 830.

Funeral services were held July 23 at Wee Kirk of the Heather in Forest Lawn. He is survived by his widow and a young daughter.

CCD Consolidates Offices, Facilities

(BURBANK) Planned moves have brought widely separated functions together so that most of the Commercial Computer Division's manufacturing, administration and marketing operations are now housed in its major structures—Bldgs 8 and 9.

Commercial Computer Sales left the Alameda Street building and is now in Bldg 9, at 100 East Tujunga Avenue; also in Bldg 9 are the component sales and the computer engineering staffs.

Manufacturing operations formerly in Bldg 31 are now in Bldg 8, at 40 East Verdugo Avenue, as are the Personnel Offices.

General Offices remain in Bldg 9.