LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

VOL. 8, NO. 12 JULY, 1961

808 WESTERN

Librascope International

Librascope's overseas operations continue to expand. Latest development is the formation of EUROCOMP, a sales and service corporation in which Librascope, Royal Precision and Schoppe and Faeser, our German manufacturing licensee, are joint participants.

EUROCOMP will handle sales and service for our full line of military and commercial computers throughout Western Europe, except for France, where SAGEM is the licensee for military computers. EUROCOMP also will sell and service the Royal Precision line.

Management-Labor Meet

Upcoming negotiations for a new contract between the Glendale branch and Precision Lodge 1600, International Ass'n of Machinists, will find two five-man teams representing labor and management.

Spokesman for Glendale is Harlan Buseth, assistant branch manager; others in the management group are C. P. McKeague, division employee relations manager; R. R. McDonald, Glendale personnel manager; L. C. Somerfield, general foreman, machine shop, and E. T. Flaherty, Glendale labor relations representative.

George Rusnak, 1600's business agent, is spokesman for the IAM group. Also representing labor are Max Mennen, lodge president and 1600's chief steward at Glendale; Eric Seif, Adjusting; R. E. Riley, Toolmaking and G. E. Cooke, Model Shop, night chief steward. P. J. Gorman, Machine Shop, is alternate.

The IAM represents production and maintenance employees in the Glendale branch.

As LIBRAZETTE went to press neither side had yet presented its proposals for a new contract.

LISTENING IN—J. W. Murray, General Precision board chairman (center) and president D. W. Smith (right) inspect Librascope's Air Traffic Control exhibit with C. J. Winger, FAA assistant regional director, during June 22 preview showing of the new Los Angeles International Airport Jet Terminal. During their western visit, the GPI officials visited Librascope, where they witnessed a full-dress demonstration of the LOCS center in action.

MARKETING

Paris Drawing Cards

Librascope's display of its Air Traffic Control computer system built for the Federal Aviation Agency, was second only to the Astronaut capsule in visitor interest at last month's aviation exhibition at le Bourget Airfield, Paris.

Our display of the ASN-24/Centaur lightweight airborne digital navigation and bombing computer drew more attention than any other exhibit in the technical devices section of the show, regarded as the premier event of its kind in the world.

Those are the opinions of M. N. Cannon, Director of Public Relations and Advertising and John Steranka, Jr., staff engineer, Aerospace. Cannon was in charge of Sunnyvale's Ground Systems Dept FAA exhibit and Steranka manned the ASN-24/Centaur display booth.

"We had a great many visitors from all over the world who have the same problem as the U.S.—how to effectively control air traffic," Cannon told LIBRAZETTE. "They were highly impressed with what we have accomplished."

The ASN-24/Centaur computer was the only complete airborne computer exhibited at the show, Steranka reported. Neither our U.S. nor foreign competitors had anything better than mockups, or bits and pieces supplemented by painted boxes simulating the missing elements which would make them complete.

Visitors to the Aerospace booth came from all over the world, with heavy representation from Western Europe. The "iron curtain" countries also were well represented by observers from Russia, East Germany and Czechoslovakia.

West German engineers and Air Force officers were greatly interested in the computer and were high in their praise of its compact design and workmanship.

"They were especially interested in our

LIBRAZETTE

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

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Editor: W. K. Keith; Assistant Editor: T. L. Ryan.

Art and photographic services are provided by the Publications Section, Glendale Branch: Keith Kinnaird, Art Director; P. C. Kane, Supervisor, Art Services; Special Art, J. R. Norwood and Margo Jarvis; Photo Layout, A. M. Cook; Photography, E. H. Crawford, J. A. Avera and C. F. Beindorff, Jr.

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Paris Display (cont.)

circuit boards," Steranka reported. "They said they had never seen anything like them in any other electronic device."

Other GPI companies exhibiting included GPL with its Radan-500 Doppler navigation system; Kearfott, with displays of intertial platforms and Link, with one of its Model 60 pilot trainers.

Sunnyvale Scores

The Sunnyvale branch has been awarded a $102,000 contract by the U.S. Navy Bureau of Weapons for hardware and services connected with a missile scoring device. The contract provides for a thorough field test for a device already developed and lab-tested by Sunnyvale, according to G. F. Roberts, Staff Engineer, Advanced Planning.

The potential of the new scoring device has been kept under wraps during its years of development. "If it is as good as our lab tests indicate, it will be a major breakthrough in a field where for the past 15 years and at a cost to industry of more than $25 million, a completely satisfactory scoring device has yet to be achieved," Roberts said.

The new scorer is completely passive and, in its most simple form, weighs less than five pounds. It can be installed in any drone or target and requires no modification to the missile being scored. It can also provide information about relative courses of target and missile — limited only by the ability of the telemetry link provided by the drone system. No ground based equipment is required.

While constantly tracking its target, the Sunnyvale-developed scoring device emits no energy of any type. "This is an important consideration in these days of cluttered air waves and crowded frequency spectra," Roberts added.

Theoretical studies indicate range extension possibilities up to 3,000 miles. Work is already underway at Sunnyvale to adopt these principles to orbiting vehicles and other space projects.

Cooperative Effort

Two GPI Divisions — Librascope and Link—merged talents recently, on a new project awarded by the Army's Fort Belvoir facility. Now underway at both divisions: the development of an Automatic Point Marking, Measuring and Recording Instrument for use in making high-accuracy maps from aerial photography.

Link's ally on the inter-divisional project is the Electro-Mechanical Equipment Section of the Sunnyvale Branch, and its newly formed Photogrammetric Equipment sub-section, headed by Project Manager M. M. Birnbaum.

The portion of the equipment that Librascope will design, develop and build, includes: the electronic correlation circuitry; the scanning circuitry; the monitoring circuitry; and a stereo viewer which will fuse two images into a single, three-dimensional picture.

Major challenge of the new project is the development of a piece of equipment which can match automatically a series of aerial photos or slides. A painstaking manual operation in the past, the exact matching of the pictures (each one overlaps the next by approximately 50 per cent) has always been a laborious, time-consuming chore. With the new equipment, accuracy — measured in millionths of an inch — will be improved and the time involved drastically reduced.

RPC Moves Out West

The Planning, Product Development and Manufacturing operations of Royal Precision Corporation began functioning this month in its new Burbank residence.

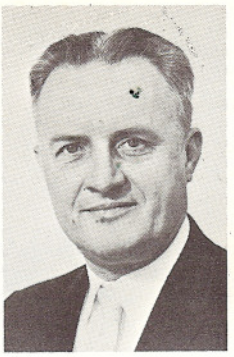
A staff of approximately twenty people, under RPC Vice President R. L. Rankin, will conduct the organization's functions, in its 5000-square-foot, one-story structure, at 3630 Riverside Drive.

Formerly in Port Chester, N. Y., the three RPC groups were transplanted to

DIVISIONS TEAM UP—Members of Link and Sunnyvale-at-Glendale conferred recently on new project to be co-developed by the two GPI divisions for use by U.S. Army, Fort Belvoir. Discussing the new automatic instrument for use in aerial photography, are (l-r): W. J. Wichman, Director, Electro-Mechanical Equipment section; R. W. Peterson, Sunnyvale Eng.; F. P. Lewandowski, Link Manager, Digital System Development; R. T. Shone, Staff Eng.; P. V. Senausky, Link Senior Staff Eng.; and M. M. Birnbaum, Proj-Mgr., Photogrammetric Equipment.

NORRIS

BERRI



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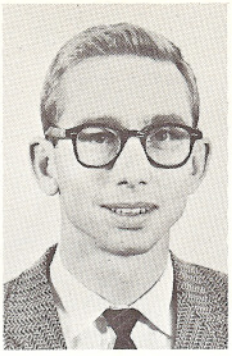


SCOTT

PHILLIPS

the west coast to effect better geographical locations for their part of the company's operations. Primary consideration for the move, according to Rankin, was to realize a more direct relationship between RPC and Librascope's Burbank Branch.

RPC, formed by General Precision, Inc., and Royal McBee for general management and coordination of joint ventures between the two companies, works closely with the Burbank Branch on the RPC-4000, -9000 and other computer products.

Of the present RPC Burbank staff, six are transfers from the Port Chester offices.

ENGINEERING

New Aerospace Business

Design engineering is an expanding operation in the Aerospace branch.

On the heels of the $2,000,000-plus in new contracts reported in June, Branch Manager H. W. Norris this month announced the receipt of additional significant contracts.

A MAJOR AWARD is a contract for an airborne antisubmarine warfare project study, made to General Precision, Inc., by the Naval Air Development Center at Johnsville, Pa. The study will be conducted here and Norris has designated Aerospace Project Director R. E. Berri to be GPI program manager.

Berri, assisted by E. A. Quilter, who will be Program Manager for Aerospace, will direct a 21-man engineering design team from Link Division, Aerospace and Grumman Aircraft. They will occupy special quarters in Bldg 26. Also taking part, as a subcontractor to Link, is a group from Lear, Inc.

ALSO OF MAJOR IMPORTANCE are two contracts awarded to Aerospace by the National Aeronautics and Space Administration (NASA), through the George C. Marshall Space Flight Center at Huntsville, Ala. The contracts call for modification of Aerospace's pioneer airborne digital computer—the ASN-24 in its Centaur configuration—to meet the demanding requirements for the guidance system of the giant, super-powered Saturn space vehicle. P. A. Ingalls will be the Project Manager.

Branch Restructured

Aerospace Branch is now operating under a new organizational structure which divides the organization into three main groups—Technical Planning, Development Programs, and Production Programs and Engineering Support.

Each group is headed by a Director. W. F. Scott heads Technical Planning, R. E. Berri is in charge of Development Programs and C. C. Phillips heads the third group.

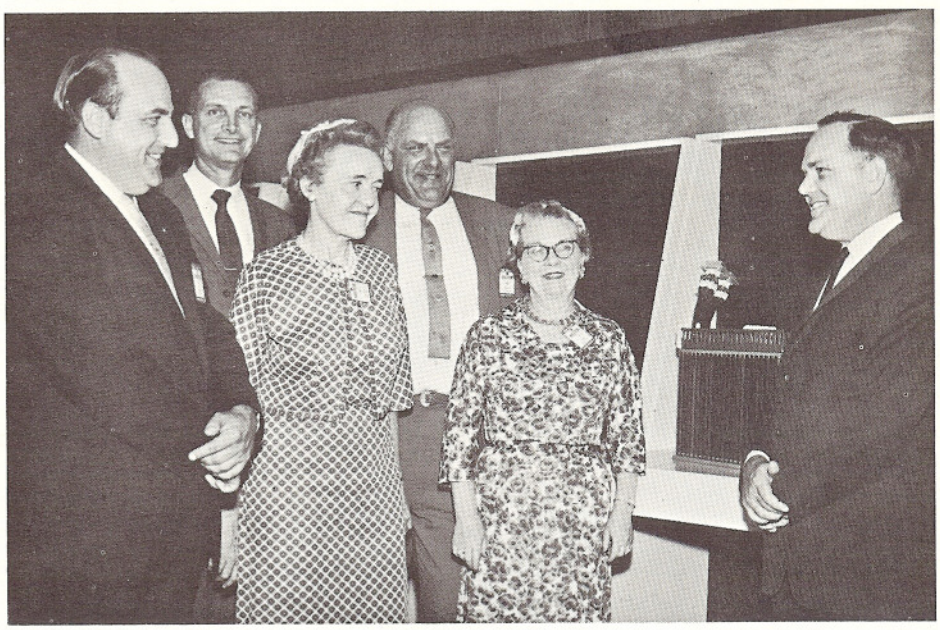
The organizational operation will be flexible, with personnel and project teams being shifted between groups when necessary, says Branch Manager H. W. Norris.

San Marcos Will Be Ready

Construction of Aerospace's new home at San Marcos is proceeding close to schedule, according to W. F. Girouard, Division Director of Industrial Engineering. The structure will be ready for use on or before Sept. 11, the date when local schools reopen.

More For FRAM

Letters of acceptance on proposals for additional units for the Navy's FRAM program, were received this month from the Bureau of Weapons by the Glendale branch. The letters cover manufacture of Mk 5, Mod 5 attack directors of the 105 Fire Control Systems.



SAN MARCOS VISITORS—H. W. Norris, Aerospace Branch Manager (right), welcomes a group of San Marcos educators during a recent visit to Librascope. Earlier in the day, the group met with the Burbank City School District to appraise their needs for an industrial curriculum with the influx of more companies into the area. Pictured from left to right: W. C. Vogt, San Diego County Department of Education; W. P. Sertic, Aerospace Personnel Manager; Mrs. Mary Huchting, Principal, San Marcos School; B. M. Reppenthal, Superintendent, Rich-Mar School District; and Mrs. Alice Hammond, Principal, Alvin Dunne School.

WOLMAN

STUPAR

RIFKIND

BIRNBAUM

GLAISTER

NININGER

Ground Systems Changes

A new section, two new section directors, a new supervisor and two new project managers are the result of an adjustment in the organizational structure of Sunnyvale's Ground Systems Dept.

As set forth by Chief Engineer L. L. Wolman, the new appointments and various functional changes will enhance the Department's goals of obtaining new business in the data processing, computer, electromechanical and optical equipment fields.

The new section is Air Traffic Control Systems, organized to concentrate the G/S efforts in this field in one section. W. E. Stupar, who has been Project Manager, Elect-Equip-Section, was named Director. He will move to Atlantic City to direct G/S work for the Federal Aviation Agency (FAA) at hqs of the National Aviation Facility Experimental Center (NAFEC). Stupar will be responsible for all ATC systems and engineering at Atlantic City, Washington and Sunnyvale-at-Glendale.

The Systems Engineering Section, formerly headed by Wolman as acting director, is now designated the Advanced Systems Section. Jesse Rifkind, previously staff engineer, SEC, was named Director of the new group. Functions of Advanced Systems will include all data processing and computer systems work outside the FAA area.

In the Electronic Equipment section, headed by Director M. G. Ettinghoff, N. V. Nininger was promoted from Acting to Project Manager and W. H. Glaister from Engineer to Systems Checkout Supervisor. J. K. Campbell was named Staff Assistant to Ettinghoff.

Senior Engineer M. M. Birnbaum was named Project Manager of the Photogrammetric Group of the Electro-Mechanical Section headed by W. J. Wichman.

FROM TEST TO TAPE TO COMPUTER—Senior mathematician John Tuggle (standing) discusses progress of lab test with Jack Cooper, Reliability technician. Cooper logs in the test data, then turns it over to stenographer Ann Lyneis (seated) or general clerk Gerry Martin. The girls, both checked out in the use of the LGP-30 electric tape-typewriter, then place the test data on to a punched tape for computer use. Thanks to the new method, time for data reduction has been reduced drastically, resulting in much faster test results.

Process Lab Shifts

Applied Research's process lab, headed by Joe Simon, has been transferred to Ground Systems Dept, Sunnyvale. The physical location — in Bldg 16 — remains the same, as do the functions. While the lab will concentrate on Ground Systems work, its consultative functions remain available to all branches.

LGP-30 Stretches Dollars

It's been proven again. A computer can take the drudgery out of most any operation.

The most recent case in point is the Reliability Environmental Test Lab at Glendale. The drudge eliminated: the long, tedious hours spent in reducing tes data to meaningful information. The responsible instrument: an LGP-30.

The new method that now allows Reliability more analysis for its test-dollar is a test procedure prepared in advance for programming into the LGP-30. Before a piece of equipment is taken into the lab, the test that it will undergo is statistically analyzed and prepared for programming by Reliability's senior mathematician, John Tuggle.

Once the equipment is in the lab and being tested, a Reliability technician logs the results, which are then placed on a computer tape, punched by an LGP electric typewriter. The tape is then processed on an LGP-30 in Glendale's computer center in Bldg A-51.

A major factor with the new system: thanks to computer application, test data can be reduced and analyzed even before the entire test is completed. Thus, if there are early indications that the test is not fulfilling its objectives, it can be discontinued and another dollar savings is realized.

But while computerized testing has proven itself to be a decided time-saving method, there is even a more positive side of the program, as viewed by L. G. Rado, Components Application Supervisor.

"By freeing us from much of the minor data reduction, the computer has allowed us to expand our program so that we are

now able to initiate experiments which have greater depth," Rado said.

A Reliability look to the future: the use of the Libratrol 500, with its inbred talent to automatically control an experiment.

LibraVets

Five Years

MELVIN I. SMOKLER	SUNNYVALE
THEODORE CHILLMAN	GLENDALE
WYMAN R. GIBSON	GLENDALE
MILTON J. CALHOUN	SUNNYVALE
HOWARD L. COPELAND	GLENDALE
HERMAN BROSCH	GLENDALE
CLARABELLE J. MOURA	SUNNYVALE
VIRGINIA M. PICKENS	BURBANK

Ten Years

EVA V. CLERICI	GLENDALE
DONALD D. CHRISTENSEN	GLENDALE
LAURA S. MERRITT	GLENDALE

Libravet box score:
Five year members: 392
Ten year members: 207

NEW FACES

Two Staff Engineers have been added to Division Technical Planning, reporting to Director R. A. Dietrich. They are:

WHIT P. WATSON, Design, Development and Project Engineer during his 11 years with IBM. Before joining Librascope, he was product planning representative for IBM's Lexington, Ky., facility. A veteran of the Navy Air Corps during WW II, Watson later graduated from the University of Kentucky with a BSEE in 1950.

DON W. WARREN comes to Librascope from the University of Michigan, where he served for nine years with the Institute of Science and Technology as a research mathematician. Following WW II, when he piloted his P-51 in 40 combat missions, Warren attended the University of Michigan, where he received his BS in mathematics and a Master's degree in Philosophy, specializing in Logic. He is married and the father of two children.

In an expansion of military relations activity for the Glendale branch, two representatives were added to the staff of Mil-Rel Manager Don Dufford. The new members are:

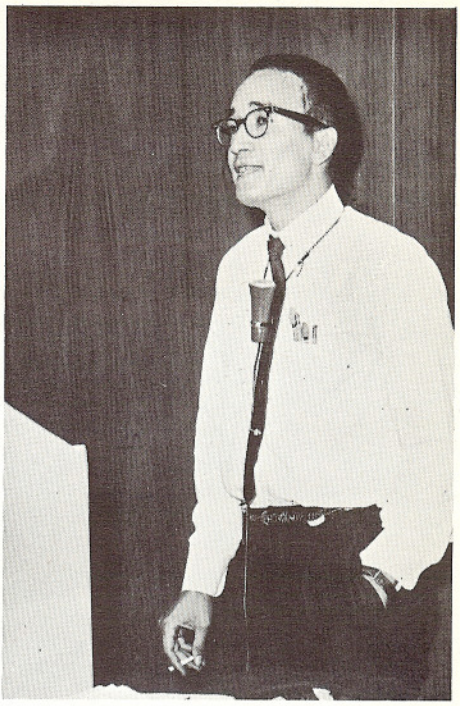
CHESTER J. JUR, former sales manager for Rutherford Electronics, Culver City. Earlier, he was with Packard-Bell Electronics as an applications engineer, and co-owned and -managed Barron-Jur Co., manufacturing representatives. He attended Illinois Institute of Technology and Northwestern Univ., receiving a BS in mathematics and physics. Jur is married, the father of three children, and makes his home in Encino.

CHARLES J. STUKAS, comes to us from Coleman Engineering Co., Torrance, where he served as customer relations rep. Former head of his own engineering consultant firm, and systems engineer and west coast representative for Compudyne Corp., Hatboro, Pa., Stukas is an engineering graduate of Northeastern University, Boston. Married and the father of two, Stukas resides in Palos Verdes Estates.

A new member of Glendale Branch Industrial Engineering is **JOHN F. McCARNEY**, assigned to the LOCS group to work on systems engineering problems. He comes to Librascope from Convair Astronautics, where he served as program analyst and master scheduler, was instrumental in establishing the company's materiel control operation. A veteran of both WW II and Korea, McCarney served in the USAF, left with the rank of captain. A Bus.-Ad. graduate from Northwestern University, McCarney is married and the father of six children.

At Burbank, new to the staff of Branch Sales Manager M. C. Hirsh, is **GORDON P. PERKINS**, Sales Engineer. A graduate of Michigan State (BSME), Perkins was with Viking Industries, Canoga Park, as sales engineer and Collins Radio, Cedar Rapids, Ia., as a mechanical engineer. He is married and makes his home in Encino.

Recently added to the Sunnyvale-at-Glendale roster, is **JAMES A. FOGLE**, Electronics Equipment Engineer. He is assigned to the new Air Traffic Control Systems group, headed by Director W. E. Stupar. Before coming to Librascope, Fogle was a systems design engineer with Tridea Electronics, Pasadena, and spent six years with Collins Radio, Burbank. Fogle, his wife and child reside in Woodland Hills.



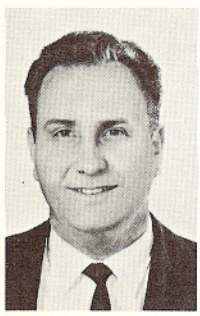
COMPUTER OPTIMIST—"It is possible to solve any problem with a computer," H. B. Ford, Glendale Computer Center Manager, told a recent Librascope engineering seminar. Ford's only reservation: if you bring a problem to the Center, have it prepared carefully in advance, so that it can be re-stated accurately in the language of the computer. Present equipment in the Computer Center includes two LGP-30's and an RPC-4000. In addition, the Center maintains an extensive library of computer "routines" frequently used by engineers.

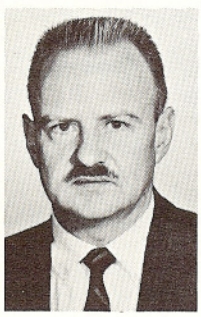
Deficit Finance

What is the status of a man who earns $7,000 a year, but who owes $29,000, of which $5,000 is due and payable right now, and $7,500 more is due within the year?

Is he a candidate for bankruptcy? For a refinancing program? For your sympathy?

Add seven zeros to each figure and you can pinpoint the man. It's Uncle Sam.


WATSON


WARREN


JUR


STUKAS


McCARNEY


PERKINS


FOGLE

WINNING WRITERS—W. K. McAboy, Director, Operations Planning (right), presents checks to successful authors, whose writings paid off under Librascope's Writing Incentive Program. Receiving checks and congratulations are, from left: J. R. Kay, Director, Division Standards; K. E. Luther, Glendale Publications Project Director; and I. H. Osborn, Supervisor, Glendale Packaging Engineering. Absent from picture is a fourth winning author—M. L. Loyd, Sunnyvale electronic engineer.

EMPLOYEE BENEFITS

Writing for $ $ $

Cash awards under the Employee Writing Incentive Program were presented to four members of the Glendale and Sunnyvale branches and the Division staff last month. All entrants whose work is accepted by the program committee are eligible for awards of up to $75 upon acceptance of their papers, can earn as much as $75 more if their work is published or presented before a professional society.

As announced by Program Administrator J. O. Robinson of Public Relations, the award winners are:

M. L. LOYD, Sunnyvale electronics engineer, for a paper entitled "EBW Trigger Intelligence Requirements." It was presented before the Franklin Institute, Phila., Pa., May 25, may also appear in an upcoming issue of Librascope's Tech Review.

I. H. OSBORN, Supervisor, Packaging Engineering section, Glendale branch, for a paper on "Fire Control Packaging," presented before the American Ordnance Ass'n June 5.

K. E. LUTHER, Publications Project Director, Glendale branch, for a paper entitled "Technical Report Writing for People Who Hate to Write Technical Reports." Luther's paper has been submitted to the National Symposium on Engineering Writing, sponsored by the Institute of Radio Engineers, to be held Oct. 16 and 17 at Michigan State University, Lansing, Mich.

J. R. KAY, Division Standards Director, for a paper on "Engineering Economy Through Standardization," which has been submitted to the Standards Engineers Society for consideration as an entry in the society's annual standardization papers contest.

Librascopers interested in taking part in the Incentive Writing Program are invited to query the Public Relations Dept in Glendale for information about requirements.

Family Budget Saver

Kids are a great blessing and W. K. Keith, the editor of this journal, can count five of them. The blessings, however, take on a dubious quality, when new clothes, shoes, bikes and similar cash-outlay items are brought to parental attention. They can impose other drains on the family pocketbook, too, as all parents know. For instance:

Doctor's bill: for taking six stitches in forehead of son Jack to close wound suffered when he rammed heads with another junior high student during a school fire drill.

Doctor's bill: to dress leg wound suffered when same son's bike collided with neighbor's car as he whipped out from behind a truck on a curve.

X-ray lab fee for picture of Jack's chest to determine if he fractured a rib in the collision. He didn't.

Doctor's bill: to dress leg wound suffered by daughter Margaret when she tripped over lawn sprinkler at church while in pursuit of choirboy who was running off with her purse.

Following the rash of injuries and hospital bills, Father Keith might have taken a dim view of his "five blessings," were it not for Librascope's benefits plan. Our free accident insurance picked up the total tab—$95—thus permitting a detour of the Credit Union in meeting the regular monthly bills.

$11,000 to Scholars

Librascopers who are seeking to improve their vocational and professional competence received an almost $11,000 assist from the company's Educational Refund Plan, for the 1960-1961 academic year, according to W. P. Strong, division training director. A total of 125 employees were enrolled in 206 courses, the majority of which were technical. The Plan provides tuition refunds up to a maximum of $200 per calendar year, to any employee taking approved subjects and all employees are eligible. Details may be obtained from the Training Office in Bldg. 3, Glendale.

Employees Back Charities

With July contributions to the City of Hope ($1564) and to various Community Chest agencies as voted by the membership ($2216), the Librascope Employee Aid Club lifted its charity contributions to $17,074 for the first seven months.

Breakdown on the first half of the year shows: Jan., Arthritis and Rheumatism Foundation ($1077); Feb., Heart Association ($2229); March, Red Cross ($376) and American Cancer Society ($5514); April, United Cerebral Palsy Association ($1227); May, Mental Health ($1152) and Diabetes Association ($491); June, City of Hope ($1564).

Internal Transfers

P. B. Stokes, staff engineer, Aerospace-Solana Beach, to Division Military Sales as special representative.

Graner Thorne, military sales representative, from Los Angeles Regional Office, to Washington office.

E. S. Quilter, special representative, Division Military Sales, to Aerospace branch as program manager of an AASW project.

Senior Engineer Vadim Karpenko, Aerospace, to Glendale.

Staff Engineer D. E. Hartig, Sunnyvale Grounds Systems, to Glendale.

Engineer Michael Wolfson from Glendale to Burbank.

Designer J. F. Studdard, Glendale, to Standards, Div.

Engineer L. E. Lugwigsen, Glendale, to Sunnyvale Ground Systems.

Up The Ladder

L. D. Bergquist, Aerospace, Math-Tech to Ass't Tech'l Programmer.

Joe Merchasin, Glendale, Design Draft to Dsign Checker.

F. E. Green, Glendale, Tool Designer to Industrial Eng. Associate.

Alice L. Turner, Glendale, Insp-Optical to QC Engineer.

E. J. Akins, Aerospace, Adm-Ass't to Supvr Customer Services.

R. F. Finney, Glendale, Prod-Project Coord to Prod-Engineer.

C. H. Roth, Glendale, Group Leader to Supervisor, Inventory Control, Bldg A-17.

Louis Ruelas, Jr., Glendale, Group Leader to Supervisor, Inventory Control, Bldg A-01.

Selby Mendro, Glendale, Material Order Processor to Group Leader, Inventory Control, Bldg. A-02.

Here for the Summer

Dr. E. F. Sieckmann, assistant professor in Physics at the University of Kentucky, Lexington, joined Librascope's Applied Research group for the summer months as a consulting Staff Physicist. Dr. Sieckmann is an instructor in both graduate and undergraduate physics courses and directs much of the MS and PhD thesis work at the University. He received his PhD in theoretical physics from Cornell University in 1960.

In Memoriam

George W. Kucks

Throughout Librascope, the many friends of George W. Kucks were shocked and saddened by the news of his death June 18, following a brief illness. Diagnosis revealed leukemia with pneumonic complications to be the cause of death.

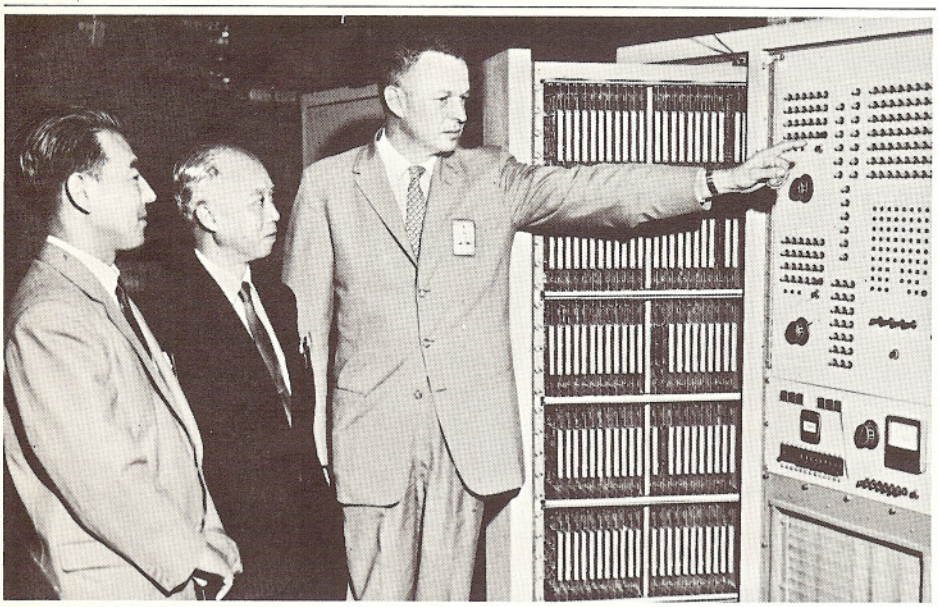
Our oldest employee in terms of longevity, George started his 32 years of service with International Projector Corp. —a GPE subsidiary—in 1929. He joined Librascope in 1944, as a supervisor in production control at the old main plant on Santa Anita St., Burbank.

Funeral services were held at St. Francis Xavier Church, San Fernando. Acting as pall-bearers were fellow employees M. L. Cowan, F. J. Killips and W. G. Bietsch. He is survived by his wife, Sadie.

James A. Park

James A. Park, a Librascoper for 12 years, died of cancer June 9, following an extended illness. A native of Canada, Park joined Librascope in 1950 as a tool crib attendant. From 1952, until his illness in April of this year, Park served as gauge inspector, In-Process Inspection.

Four fellow employees, J. E. Cox, J. A. Anderson, S. D. Houchin and J. W. Perry, served as pall-bearers at the Forest Lawn funeral services. Park is survived by his son, John, and his daughter, Mrs. Lois M. Ruddle.



PROFESSIONAL CHAT—L. H. Bentley, General Manager, Sunnyvale, discusses operation of air traffic control equipment with Prof. Minoru Okada (center), Tokyo University, during recent visit to Librascope. An authority in the field of air traffic control, Professor Okada was accompanied by Akira Takei, Los Angeles representative, Mitsubishi Int'l Corp.

Ancient but Accurate

Along with gunpowder, rockets and silk, ancient China gave the civilized world the abacus, the first digital computer. All are still with us and the abacus' rows of beads on a wire can still hold their own with a modern adding machine.

Sherrie Dong, secretary to W. S. Williams, Glendale branch controller, proved

SHERRIE DONG

it recently with an abacus she had bought as a wall decoration. Asked to spot check a long column of figures, Sherrie unwrapped her purchase when an adding machine was not immediately available.

The first run through on the abacus produced a tally which didn't match with the previous tally. So did the second. At that point Sherrie viewed the machine totals with suspicion, went back to the original figures, discovered an input error of—two cents!

Sherrie disclaims any wizardry as an abacus operator, rejects the possibility of Librascope starting a production line for abacus manufacture.

The electronics industry, Sherrie believes, is here to stay. Anyway, she says, in this age of scientific versatility it would be a mistake for any company to put all of their ergs into one abacus.

New ATC Group Formed

Formation of a GPI Air Traffic Control Department, headed by Craig F. Timmerman as director was announced last month by GPI President D. W. Smith.

The new department has responsibility for both domestic and foreign ATC programs in which Librascope's Sunnyvale branch and the Link, GPL and Kearfott divisions are engaged. It also will recommend development of new systems and products for air traffic control and seek to improve existing ones.

RECREATION

Nickel Beer and Free Cokes

The Annual Precisioneer Picnic for employees and their families, will be held Saturday, August 12, at Kennedy's Playland, adjacent to Sunland Park, it was announced by this year's Picnic Chairman, Dick Johnson, Glen-Eng.

The Sunland site, the same as last year, was selected because of the variety of activities available to the youngsters, Johnson said.

Once again, there will be free rides on ponies, midget cars, and the merry-go-round, in addition to the customary assortment of contests and other entertainment.

The spacious pool at Kennedy's Playland will provide for swimming, and the recently formed "Fathomeers," a Precisioneer-sponsored skin diving club, will put on a half-hour demonstration of underwater safety.

Another added attraction to this year's outing, will be a hat-full of magic tricks and a puppet show put on by Glendale branch dispatcher Ralph Rousseau. He will also serve as the picnic's official clown.

To heighten this year's activities, a five-piece band will entertain throughout the afternoon.

All of this, plus the culinary arts of John Buckens, Machine Shop, and the serving of good, old-fashioned nickel beer will be a part of this year's Precisioneer Picnic upon presentation of your company badge. Gates will open at 10:00 and closing time is 5 p.m.

Party Site Named

Plans for the 1961 Libravet party are getting an early start, with the selection of the Viennese Room of the Huntington-Sheraton hotel, Pasadena, as the place and Saturday, Oct. 7, as the date. Arrangements are being handled by an eight-member committee composed of the following:

C. R. Linsley, Glendale-Eng; Elsie Stefurak, Glendale Inspection; Keith Kinnaird, Art Director and P. C. Kane, Art Supervisor, Glendale Publications; M. H. Harrison, Burbank Production Mgr; Muriel Brown, Division Accounts Payable; V. H. Sipes, Glendale Production Control and S. E. Jackman, Glendale Model Shop.

New Occupants for A-02

With the completion of the move of Materiel administration and Purchasing from Bldg A-26, all Glendale materiel functions are now centered in Bldg A-02, with the exception of the liaison office in Bldg. A-21.

The building houses Materiel Manager W. J. Flanagan, Purchasing Agent C. M. Brown, Inventory Control Supervisor E. R. Ellenhorn and their staffs; Receiving, Receiving Inspection, Packaging.

Other tenants: Division QC Director D. H. Harrison, Glendale QC Manager G. S. Mannan and their staffs; Production Engineering Supervisor Al Leto and his staff; Labor Relations Representative E. T. Flaherty; the blue print files, the Precisioneer store and the dust-free assembly room of Glendale production.

GPI News Briefs

LIBRASCOPE has been assigned an important role in work with Kearfott and GPL, on a study contract just awarded to GPI for a guidance system to be used in SLOMAR, an Air Force project for which Martin-Denver is the prime contractor. SLOMAR (Space Logistic Maintenance and Rescue Vehicle) is the basic stepping stone to all manned space activities, will carry men and materials into space for delivery to orbiting space vehicles or manned space stations.

GPL has been awarded a $1-million plus Air Force contract to modify RADAN Doppler navigation equipment used on B-52 Stratofortress planes. Aim is to increase the bomber's capacity to fly low altitude missions.

LOOKING IT OVER — Telecommunications Supervisor L. G. Cahill (left) and W. F. Girouard, Division Director of Industrial Engineering, check out the new phone book recently distributed throughout the Glendale complex. The 108-page directory, compiled and prepared by Cahill's group, is housed in a durable, loose-leaf binder, permitting the revision of individual pages as they are needed.

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News Matter