



# LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

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MAY, 1964

## Credit Union/San Marcos

Employees of the former AED of Librascope, now part of the Aerospace Group, GPI, may continue to be members of the Librascope Employees Credit Union, says CU President W. F. Girouard.

Payroll deductions will continue to be made and loans will be processed as in the past through the Personnel Office at San Marcos, Girouard said. John Schmidt, San Marcos personnel assistant, is the CU credit committee representative at San Marcos.

## Add D.E. Butler To 473L Staff

(GLENDALE) Addition of Donald E. Butler, Jr., to the engineering staff of the 473L Program, is announced by Wes Stupar, 473L Engineering Manager.



BUTLER

As a staff engineer, Butler's first assignment is to assist Supvr Harry Glaisier in planning for the installation of two units of the 473L Data Processing Systems, scheduled for this summer in the Washington area. He will have full responsibility for installation of a third system next year.

Butler is a BSEE graduate of Wayne State University, Detroit (1949), who also has taken graduate work at WSU and the University of Pennsylvania. He comes to Librascope from the Data and Information Systems Division of International Telephone and Telegraph Corp., for which he was a manager of systems engineering of the 465L Program at March Field, Riverside, Calif.

Earlier Butler was a member of the engineering staffs of General Electric's MSV department, RCA's BMEWS program, Chrysler Corp's missile division and the General Motors Research Laboratory at Warren, Mich.

## Elect Three Vice-Presidents; Shift Marketing to SE Division

(GLENDALE) Election of three vice presidents and further changes aimed at increasing over-all operating efficiency, are announced by R. W. Lee, President of the Librascope Group.

## Name Buterbaugh SED Sales Head

(GLENDALE) Charles C. Buterbaugh, who joined the Librascope organization five years ago as a Senior Engineer, has been named Manager, Shipboard and Surface Equipment Marketing, of SED. He reports to R. O. Vaughan, Vice-President, Marketing.



BUTERBAUGH

Buterbaugh was a member of the design and development team of the SUBROC program and has been involved in every major SED engineering project. Before coming to Librascope he had been technical director of ASW and missile programs for the U.S. Navy's Bureau of Ordnance.

## Vacate Seven Bldgs When Leases Run Out

(GLENDALE) Librascope has plans to turn back to their owners seven buildings leased during the period of rapid expansion several years ago. They are surplus to present and foreseeable needs.

Four buildings already have been released—530 Rodier Drive and 1735 Standard Avenue, Glendale, and 124 East Angeleno and 129 East Tujunga Avenue, Burbank. In addition, a portion of the building at 72 East Tujunga Avenue, Burbank, has been subleased.

Maury Center, General Manager of the Surface Equipment Division, Alfred F. Sammet, Manager of Commercial Computer Sales and Frank C. McAndrews, formerly of the Aerospace Group, GPI, have been elected vice presidents.

(A biographical sketch of McAndrews, who will head Research and Engineering, appears elsewhere in this issue of LIBRAZETTE).



SAMMET



CENTER

One change shifts the defense marketing organization from the Group Offices to the Surface Equipment Division. Vice-Pres Robert O. Vaughan, in charge of defense marketing, will report to Maury Center, Vice-Pres and Gen-Mgr of SED.

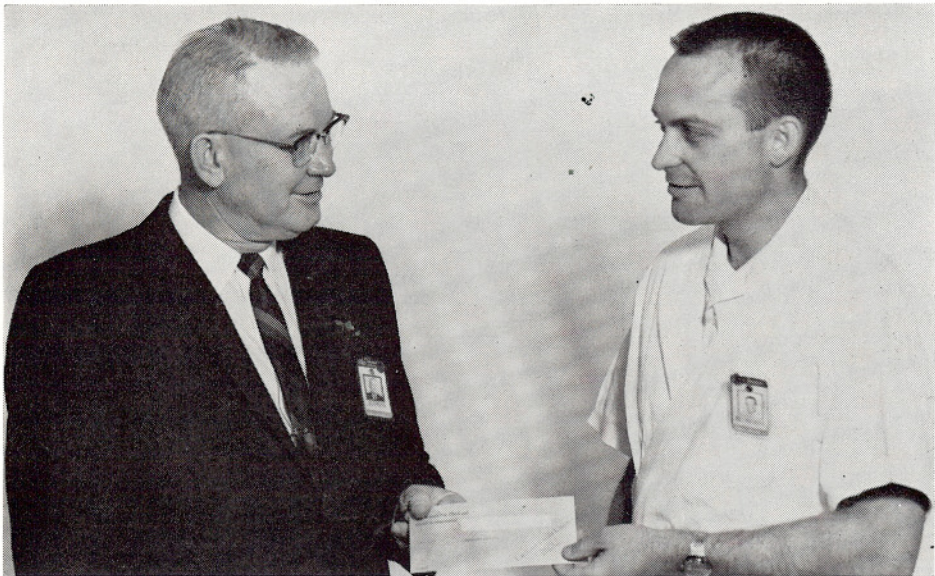
The Washington Regional Office, headed by J. J. Murphy and Research and Development Sales, headed by Norman F. Marti, formerly part of defense marketing, will report to Senior Vice-Pres Robert M. Brunson.

The Research and Systems Center, headed by Dr. John Salzer as Director, (succeeding J. R. Weiner), reports to Frank C. McAndrews, Vice President, Research and Engineering.

The change makes the Metrology Laboratory a part of SED with Manager David H. Harrison reporting to Center. The Group Industrial Engineering organization, headed by W. F. Girouard, Director, now reports to Vice-Pres, Administration, S. L. Briggs.

(turn to page 5)





SEEVERS A check for \$100 changes hands. BEINDORFF

etc.

The nation sets aside one day each year—Memorial Day—in which the citizens may honor those who have fallen while in the military service of their country. In days past, it also was known as Decoration Day; it was the homely custom in those times for family members, patriotic organizations and just ordinary citizens to journey to cemeteries and decorate the military graves with flowers, as a sign that those who lay beneath the plain stone markers had not been forgotten.

Memorial Day was first observed following the Civil War, specifically as a remembrance for Union soldiers. Neither then nor now, however, has observance been general throughout the nation, nor is the day everywhere known as Memorial Day. In Alabama, Georgia, Mississippi, North Carolina, South Carolina and Texas, to the civilian community it is just another day of the week, although civilian employees of the Federal government in those states get the day off as a paid holiday.

In Virginia May 30 is known as Confederate Memorial Day. In Florida it is known as Memorial Day for all veterans.

Observance of the day has one fairly common form. Those who have flags fly them from their homes.

\* \* \*

These days around the home of Herb Steinitz, 473L contracts administrator, there's much perusing of law and history books. Herb is pursuing law studies at night school, but spouse Glyenne, a daughter of Britain, is reading history for upcoming citizenship examinations, so she can be an American, too, along with Herb and their two young children.

\* \* \*

Now they're calling Verne Mesick, staff assistant to Herb Meyer, Director of Reliability Assurance, "Colonel," in recognition of his recent promotion to Lieut-Col in the Air Force Reserve. He's a member of a missile support group at Norton Air Force Base, San Bernardino.

\* \* \*

Wayne Strong, SED training director, is lending a hand to the Glendale Chamber of Commerce this month and next. He is conference leader of nine planned sessions on "Practical Politics." . . . Girl's softball is getting a big play among the gals of SED and CCD, both of which have teams in the Burbank Industrial League. Linda Smith heads the CCD team and Juanita Roby is the SED field leader. They play at McCambridge Field and there are plenty of seats available.

## Award Photo Lab Chief \$100 For Cost-Savings Patent Idea

(GLENDALE) Fred C. Beindorff, Jr., Group Leader in SED's photographic laboratory, has been awarded \$100 by Librascope's Employee Patent Incentive program, for the development of a cost-saving process in circuit board manufacture.

Prior to the introduction of Beindorff's method, much drafting time was required to make certain that drawings for both sides of a circuit board were in alignment to within a .001 tolerance in the positioning of eyelets.

Beindorff's process substitutes transparent drawing sheets, camera technology and the use of color filters in the photographic processing of the circuit layouts, for the time-consuming portions of design drawing. He was aided in developing his process by Designer William Walters, of the San Marcos facility.

A check for \$100 was presented to Beindorff by Librascope patent attorney George Seevers had evaluated the suggestion and had filed application for U.S. patent.

## Washington Branch Appoints Proj-Mgr

(WASHINGTON) Appointment of Daniel T. Englehardt as engineering project manager of GPI support projects, is announced by H. A. Timken, Jr., Manager of SED's Washington Engineering Branch.

Englehardt comes to the company with a background of engineering project management gained while with Page Communications Engineers, Washington, Washington Technological Associates, Rockville, Md, and ACF Industries, Washington.

He is a BSME and BS/Bus Ad graduate (1953) of the University of Colorado, who also has taken postgraduate work at the University of Maryland and George Washington University.

Englehardt, who is married and the father of a four month old son, is a Lieut-Comdr in the Naval Reserve and a member of the American Ordnance Ass'n. He flies small aircraft as a hobby.

## Camping, Anyone?

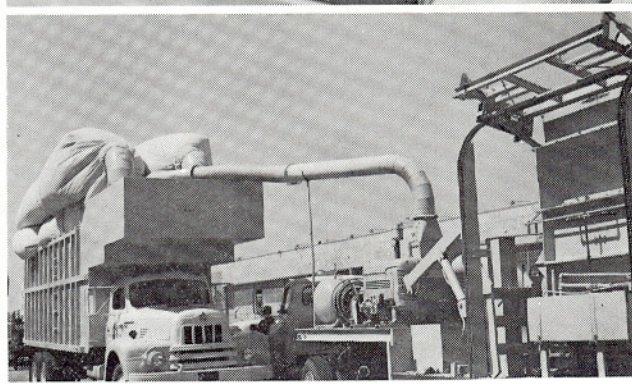
Employees interested in "caravan" camping trips to Mexico, Canada, or other mountain and desert areas, are invited to contact Peggy Bishop, Group Marketing, Bldg. 3. All employees of SED, CCD and the Group Offices who own a camper, trailer, or a car and a tent, would be eligible for membership in a prospective camping club. She may be reached at Ext 1435, or at 366-9847 after working hours.

## UP THE LADDER

Design draftsman Roy "Tiny" Alm-gren, who joined Librascope four years ago, has been promoted to Designer in the Electronic/Electrical Packaging Unit of SED Engineering.

**Blood Bank Day**  
**June 19**





Technical Data, classified and otherwise, tends to pile up and demand more and more storage space (and expensive cabinets) if somebody doesn't keep on top of the job of deciding what must be retained and what can be destroyed. In the photo-layout above, members of the Security and Technical Library staffs perform the regular security audit of classified material, and prune the library's shelves to make room for new and updated material.

At top left, Security Chief Virgil Herald (L) and Chief Librarian Nate

Sands, discuss the audit; at top right Katherine Vollmar (L), Document Control Clerk and Ass't Librarian Eileen Epperson show results of pruning—25% of all cabinet space is now available for new material. At bottom left, Gladys Graham (L), Security Assistant and Doris Perry, Classified Document Auditor, check documents for proper classification.

At left center, Charley Myers, Ass't Security Officer, demonstrates one step in disposing of outdated classified material, as he dumps wastebasket into spe-

cial bin (locked at all other times) in which material is kept until destroyed. The man who will destroy it, Louis Borchers (L) is at left.

At far right, stands the huge destruction rig of Document Disintegration, Inc., which calls once a week. The storage bin is hoisted on track to top of rig and contents dumped into hopper, where documents are hammered and ground so small and fine that they must be blown through pipes to top of carrier truck. The canvas bags atop truck prevent area from suffering a "paper snowstorm."

## Optics Leader Joins Washington Branch

(WASHINGTON) One of the best known optical designers in the United States—Juan Luis Rayces—has joined the staff of SED's Washington Engineering Branch as Chief Optical Designer.

A native of Argentina, but now a U.S. citizen, Rayces comes to the Librascope organization from the Perkin-Elmer Corp., Norwalk, Conn, where he was a Senior Engineer for the past six years. Previously he was a senior physicist with the American Optical Co, Southbridge, Mass., and Bausch and Lomb Optical Co, Rochester, N.Y.

Rayces is a 1940 graduate of the Escuela Naval Militar (the Argentine

## Blood Bank Day June 19

equivalent of the U.S. Naval Academy), and holds an MSc degree ('48) from the Imperial College of Science and Industry of the University of London. He also has performed postgraduate studies at the University of Connecticut and Worcester Polytechnic Institute.

Rayces is the author of numerous papers published in the Journal of the Optical Society of America and holds several U.S. patents. He is married and the father of two teen aged children.

## Richard F. Musson to CCD Sales Dept

(BURBANK) Richard F. Musson, sales executive with an extensive background in computer marketing, has been named Sales Application Manager for Commercial Computer Sales. He reports to Alfred F. Samett, Vice-Pres and Manager of CCS.

An ex-Marine who served in the Corps from 1942 to 1945, Musson holds an EE degree from the University of Detroit.

Before coming to CCD Musson held sales manager posts with Honeywell, the Philco Corp computer division, Packard-Bell, Remington-Rand and the Bendix Corp computer division.

He is married, the father of two and makes his home in Orange.



# The Story of Douglas Burgis

*(The week of May 10-16, by presidential proclamation, is National Police Week. The following paragraphs provide reason, we think, why there is such a week.)*

Early in the morning hours of April 20, Patrolman Douglas Burgis of the Los Angeles Police Department, received his baptism of fire as a law enforcement officer. It is unlikely that he will ever forget it.

*(Remember Doug? He worked here as a messenger for several years. His Dad's Senior Staff Engineer Clare Burgis of SED Engineering.)*



**BURGIS**

Patrolman Burgis had finished his regular tour of duty. Now, in civilian clothes and driving alone in his own car, he was putting in an extra, unpaid tour. With other officers he had volunteered to take part in an effort to track down a "cat" burglar who had looted hundreds of West Valley homes.

*(Los Angeles is 458.4 square miles of flatland, mountains, canyons and arroyos—the largest city in the world. There are less than 5,000 officers to protect the 3,000,000 citizens. The "thin blue line" is thin indeed, in the early morning hours.)*

The mobile net of thief catchers, supplementing those on regular duty, was spread wide. Patrolman Burgis was far from other officers when he suddenly spotted the figure of a man emerging from between two houses.

*("I had the feeling this could be the man we were looking for," Doug said later. "At 3 o'clock in the morning he certainly wasn't a resident out for a walk.")*

Patrolman Burgis swung his car so the headlights blazed directly on the man, who darted back between the two houses. Jamming on his brakes, the officer took up pursuit on foot. He caught up with his quarry after a block-long chase over backyard fences and walls.

The confrontation was as dramatic as a scene in a movie. Both men were breathing heavily as a result of the chase. The fugitive stood, in defiant stance, caught in the glare of Patrolman Burgis flashlight. He shouted, in response to Burgis' command to hold up his hands: "Shoot me! Shoot me! I'm never going back."

*("He was holding a knife alongside one leg," Doug said later. "I told him to drop it. He shouted again for me to shoot him, backed away a little, then whirled and jumped another fence. I holstered my gun and took after him.")*



**AT CENTRAL RECEIVING . . .** "they get lots of practice on knife and bullet wounds. Policemen are always taken there . . . if there's time." (L.A. Times photo)

The second chase ended in front of a house a block away, and so quickly that Burgis couldn't have brought his gun into play either to shoot, or as a club. They fell upon each other and it was savage, hand to hand battle, with both men finally near exhaustion from the pursuit and the fierceness of the struggle.

Burgis was stabbed seven times in his face, neck, chest and right arm before bringing his quarry down.

*["You don't feel the knife going in," Doug reports. "It's only afterwards that it hurts—about the time you start wondering if you're going to bleed to death."]*

With hands slippery from his blood and the cold sweat of the chase and struggle, Burgis held his captive in an armlock. He staggered up to the front

door of the nearest house and called for help. There was no response there, or at a second house, but at the third, homeowner Herbert Russell, undismayed by the bloody figure and his captive, let them in and called police at Burgis' request.

Patrolman Burgis was rushed to the nearest hospital for emergency treatment, then to the city's Central Receiving Hospital, where the staff is expert in dealing with knife and bullet wounds.

*("They get lots of practice working on the victims of muggings and gangfights," Doug says. "Policemen are always taken there, if there's time, to get the benefit of the doctors' experience.")*

(continued on next page)



# Burgis

... (from page 4)

Burgis was lucky. He lost a lot of blood, but only one of the seven wounds, despite the six inch length of the knife he was stabbed with, was over an inch deep; the exception was a four inch gash along the rib cage. He was back on duty within a week, a little stiff and sore, but sound and in one piece.

*[Doug had the good health, as well as the strength of youth, going for him that night. He celebrated his birthday just six days after the encounter. He had attained the advanced age of 22!]*

Burgis was asked later by a civilian why he hadn't shot the man, either when he invited the bullet, or during the pursuit. (The civilian had perhaps seen too many TV shows.)

"There were several reasons," Burgis replied. "First, he was only a suspect; he might have just been a nut. Second, bullets don't always hit the target—but they can hit somebody else. Third—what would you do if somebody pleaded with you to shoot him?"

There was no answer to that question.

It is fitting that Patrolman Burgis did not risk his life in vain. According to the detectives handling the follow-up work, Burgis' captive was indeed the "cat" burglar and his arrest promises to clear up several hundred burglaries. He had escaped Feb 12 from Chino State Prison, where he was serving a term for armed robbery.

*(National Police Week will be observed May 10-16. How will we mark the occasion? Well, perhaps we can show more respect for the man behind the badge, possibly we can acknowledge that he is of the very essence of what we call civilization—the bulwark which stands between peaceful citizenry and the inhabitants of the lawless jungle . . . which is not very far away.)*

## Election

... (from page 1)

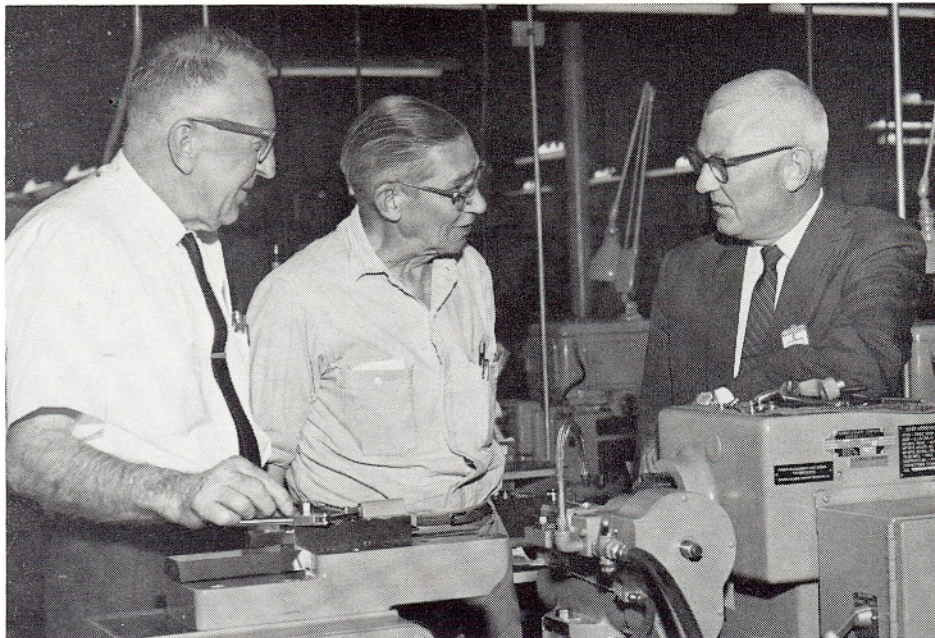
The Employment and Training sections of Group Employee Relations, headed by Glen W. Seltzer and Wayne P. Strong, are now part of SED Personnel, headed by Ray R. McDonald.

The Librascope Group contracts administration office has been dissolved and its functions taken over by SED contracts administration, of which D. J. Beushausen is Manager.

Administration of the company-wide cost reduction program has been assigned to the group Budget Dept, headed by R. H. Smith and all Property Accounting responsibility is consolidated under Group Controller A. L. Powers.

"The world . . . is only beginning to see that the wealth of a nation consists, more than anything else, in the number of superior men that it harbors."

—William James



FOREMAN Ray Bigby (L) and Employee Benefits and Services Supvr Art Pederson (R) talk over impending retirement with Charley Parker, veteran gear machinist. Charley, a 13 year veteran, retired April 27.

### Memorial Day

Memorial Day, May 30, falls on a Saturday this year. It will be observed as a paid holiday on Friday, May 29.

## CCD Computer Users Hold Annual Meeting

(BURBANK) The 7th Annual Meeting of POOL, the organization of users of Librascope-built commercial computers, is scheduled for May 12-14 in Chicago.

POOL now has more than 350 members using the LGP-21, LGP-30 and RPC-4000 series computers, who operate in 36 states, the District of Columbia, seven provinces of Canada and in Germany, France, Switzerland, Czechoslovakia, Italy, Israel, The Netherlands, Japan and the U.S.S.R.

Theme of this year's meeting is "USERS: Past, Present and Future—IDEAS: Old and New." Principal speaker will be Dr. A. J. Perlis, President of the Ass'n for Computing Machinery. Others scheduled to talk are Howard Bromberg, Chairman of the Joint Users Group and James Adams, Educational Program Director of the Data Processing Management Ass'n.

POOL is the most active and one of the largest groups of computer users in the USA. Among its corporate members are:

General Electric, Sylvania, TWA, Union Carbide, American Cyanamid, Dow Chemical, Bethlehem Steel, Douglas Aircraft, Lockheed Aircraft and Aerojet-General.

Federal government agencies, numerous military branches, Atomic Energy of Canada, Ltd., and the Atomic Energy Commission of Israel also are members.

## Veteran Gear Man Joins Retiree Ranks

(GLENDALE) Charles A. Parker, a familiar figure around SED manufacturing for the past 13 years, flipped the "off" switch on his gear cutter for the last time one day last month. With his 75th birthday coming up, "Charley" had decided it was time to retire.

Charley's retirement under the Librascope Hourly Employees Retirement Income Plan brought to a close better than half a century of work, for Charley left High School for a job 58 years ago in his native Troy, Kans. Over the years he has worked at everything from farmhand, to janitor, building engineer, auto mechanic and with Librascope, cutter of the fine gears, for which the company is famous.

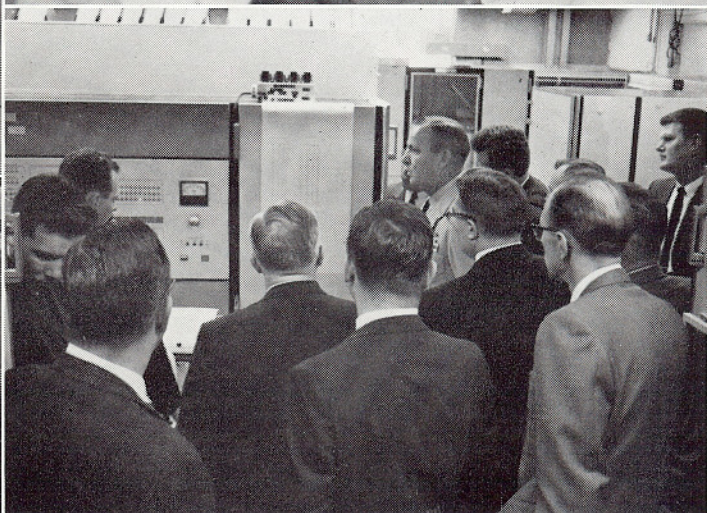
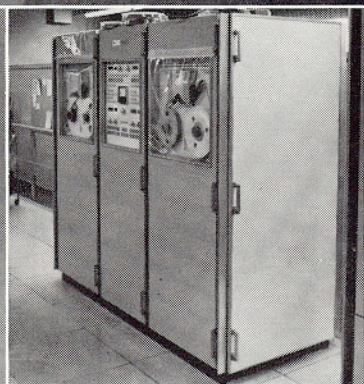
The whole machine shop staff, plus Production Supt L. C. Somerfield, turned out for a farewell party in Charley's honor during an afternoon coffee break April 27. A huge cake bearing the legend "Farewell to Charley Parker, 74 years young," was the piece de resistance. He also was presented with a farewell purse of \$75 from his fellow employees.

For Charley and his wife, who make their home in Burbank, retirement is going to widen their travel range during the summer, he says. For the rest of the time he plans to resume his longtime hobbies of gem-stone grinding and silver-working.

## Blood Bank Day June 19



# AN/FYQ-11 CAT-1





# 473L Units Get AF Tests

(GLENDALE) The Air Force doesn't buy "a pig in a poke."

That's one way of describing the why and the wherefore of the exhaustive performance and reliability tests of Librascope's AN/FYQ-11 Data Processor Set, which started here April 30.

The AN/FYQ-11 sets are subsystems of the Air Force 473L Command and Control System, to be installed this summer in the Air Force Command at the Pentagon.

The tests are being conducted by a team of data systems specialists from the Air Force 473L/492L Systems Project Office; Rome Air Development Center; Headquarters, United States Air Force; Los Angeles Contract Management District; 2044th Communications Squadron; the Air Training Command; Rome Air Materiel Area; the MITRE Corp and IBM.

Called Category I (CAT-I) tests, they are the major portion of the total testing to which the Librascope equipment will be subjected. The CAT-I phase is expected to be completed on or before May 14; other tests will be made after installation.

The Air Force came well equipped to conduct the tests. There are 24 officers, enlisted men and civilians in the team, including the FACI group which evaluates the documentation. They got right down to work after a short introductory session in Bldg 16 at which President R. W. Lee welcomed them to Librascope.

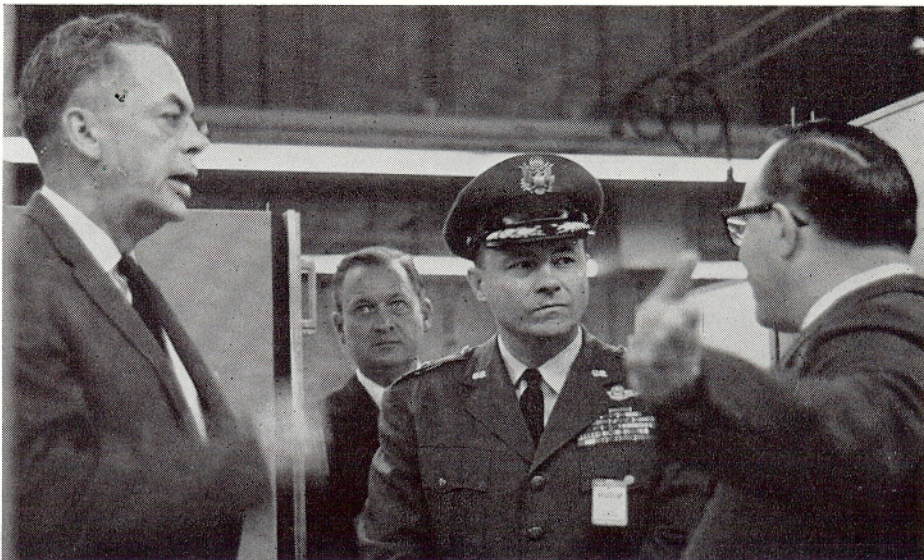
The equipment being tested consists of the Data Processor, the Buffer Processor, the Core Memory, the Disc Memory, Magnetic Tape Unit and the Control Console.

Each piece of equipment is scheduled to be tested individually and as a part of the subsystem, for functional accuracy, reliability, maintainability and other facets of operation.

The testing is virtually continuous, which calls for round-the-clock operation by the test team and Librascope personnel. Black coffee keeps them going.

The equipment is operated by Librascope engineers and technicians, at the direction of the AF team members. Capt Thomas M. Walker, of the 473L/492L SPO, heads the Air Force test team. His Librascope opposite number is Wes Stupar, Manager of the 473L engineering section of SED engineering.

The Air Force test team members live in nearby motels and apartments. So far they haven't seen any more of Southern California than is visible from automobile windows to and from the test site in Bldg 11. Twelve hours is a typical work day for all connected with the test, despite a formal three-shift operation plan.



DISTINGUISHED recent visitor to Librascope was Air Force Brig-General Olbert F. Lassiter, Chief, Air Force Command Post, at the Pentagon. In his visit to Bldg 11 he was guided by President R. W. Lee, Senior Vice-Pres R. M. Brunson and Maury Center, Vice-Pres and Gen-Mgr of SED. Here Lee and Center explain operations of equipment Librascope is building for the Air Force's 473L Command and Control System, to be installed at the general's Pentagon operations center.

## New 473L Work

(GLENDALE) Librascope has received notice from the Air Force to proceed with engineering design effort to double the storage capacity of the mass memory units which are part of the AN/FYQ-11 Data Processor Subsystems for the Air Force's 473L Command and Control System.

Estimated total of the design change cost is in excess of \$1,000,000.

Capacity of the memory units will increase from 120,000,000 bits to 240,000,000 bits. Existing units will be retrofitted to include the design changes.

## Shift Hannes Boehm To SED Contracts

(GLENDALE) Hannes Boehm, Wage and Salary Administrator for the Librascope Group, fulfilled an ambition to enter the financial side of management early this month when he transferred to the staff of Contracts Manager D. J. Beushausen.

Boehm equipped himself for consideration for the job by returning to school on an after hours basis. He is to receive his Master's degree in Business Administration-Finance this summer, after two years' study at USC.

A six year employee, Boehm joined Librascope as a job analyst, following two years with other electronics firms and a tour of duty as an instructor with the mountain and ski troops of the U.S. Army. He graduated with a degree in labor economics from the University of California at Davis in 1954.

## Save \$\$\$\$ Now For Next Apr 15

(GLENDALE) Uncle Sam giveth, but he also taketh away. We're getting more in our paychecks now, but we'll be enjoying it less come next April 15.

That about sums up our individual situations regarding the extra dollars we're getting in our paychecks since Uncle Sam lowered the income tax withholding rate from 18% to 14% of base earnings.

Says Art Pederson, Group Supvr of Employee Benefits and Services:

"The sad truth is that many of us our going to be owing, instead of getting money back when we file our 1964 income tax returns in 1965.

"Congress cut down the amount of money held back from our paychecks, but it only partly cut the income tax rate. The full cut won't be effective until 1965 and we won't enjoy its benefits until 1966."

Pederson cited the case of a typical married employee with two children, earning \$150 a week, as a demonstration of the new withholding rate's effect:

"In 1964 he probably had \$36 returned to him. In 1965, even after weekly deductions, he is likely to owe as much as \$136 on his 1964 income!"

To be in shape to survive April 15, 1965, Pederson suggests that we do this during 1964:

Either save those extra dollars, or fill out a new Federal Form W4, claiming fewer exemptions, at the Personnel Office. Lowering the exemptions will put our paychecks back to somewhere near their previous size.

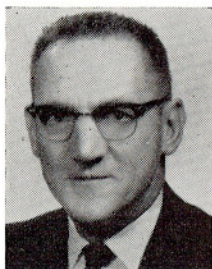
In the meantime, we can dream about 1965, when the money will really be ours!



## Meet:

# F.C. McAndrews New Vice Pres

Frank C. McAndrews, newly-elected Vice President-Research and Engineering of the Librascope Group, has been identified with the design and development of sophisticated electronics devices all of his professional career.



McANDREWS

That career began in 1936 when he graduated from New York University, which he attended under a Hamilton Ward competitive scholarship, with a BS degree, after majoring in physics and mathematics.

By 1941, he was Deputy Director of a Sinclair Refining Company experimental laboratory, engaged in studies of automatic control instruments, automated refinery operation and advanced fuel technology.

### Army Service

McAndrews left Sinclair to enlist in the Army as a private. He served in both the European and Far Eastern war areas and rose to the rank of Captain in the Air Force. As an Air Force officer he worked with radar, direction finding equipments and other electromagnetic devices.

Following the war, McAndrews spent almost 14 years in the Federal government as a civilian member of the technical staffs of the Army, Navy and the Office of the Secretary of Defense, Research and Engineering, DOD.

During this postwar period McAndrews found time to increase his knowledge by taking postgraduate work in electronics and physics at NYU, MIT and the University of Maryland.

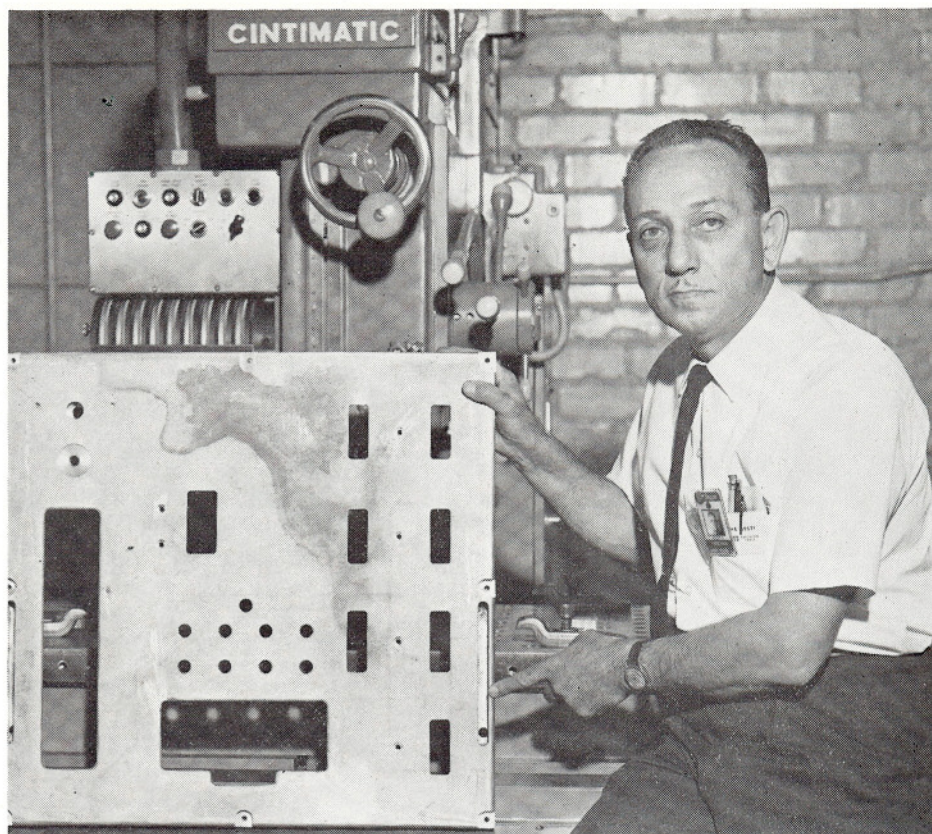
### Managerial Posts

He was a staff specialist, group chief and held other managerial posts with groups concerned with systems design, development and technical analysis of such projects as TITAN III, AGENDA, STANDARD ATLAS, SCOUT, SKY-BOLT, MMRBM and MISSILE B.

McAndrews holds an exceptional service award from the Federal government for his direct contribution to large cost savings for the Government, arising out of the design of electronic equipment.

He is a Senior member of the IEEE, a member of the American Rocket Society and of the Operations Research Society of America.

For the past nine months McAndrews has been Assistant to the Executive Vice President and General Manager, of GPT's Aerospace Group.



CONTINUED COST SAVING throughout Librascope is part of effort to be competitive with other companies seeking Government business. Foreman Ray Setty displays ASROC firing panel in which slots are now cut with numerically-controlled machine in one hour vs 2½ hours on conventional boring machine.

## Consolidate Employee Relations; R.R. McDonald Is New Director

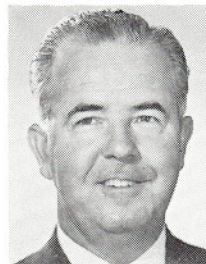
(GLENDALE) Ray McDonald, who will mark his 10th year with Librascope next August, is the newly-appointed Director of Employee Relations for Librascope. He succeeds C. P. "Mac" McKeague, who has resigned to accept the post of Director, Industrial Relations, with another electronics firm.

McDonald will head an organization which consolidates the employee relations and personnel functions of the Librascope Group and the Surface Equipment Division. He had been Personnel Manager of SED for the past 3½ years.

Librascope's job evaluation program and the supervisory selection board are among the many innovations in personnel operations that McDonald has helped bring about during his tenure, during which he has been Employment Manager and Wage and Salary Administrator as well as head of SED's personnel department.

McDonald is a graduate in industrial psychology from the University of Southern California. He headed his own personnel consulting firm before joining Librascope.

Other changes in the personnel operations:



McDONALD



SELTZER

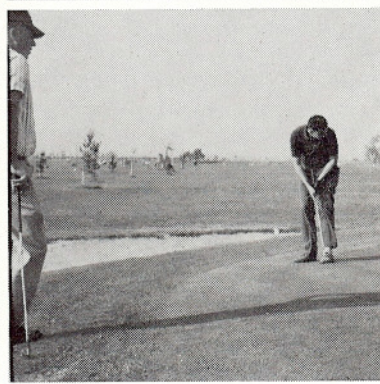
Frank Yapp, previously SED employment manager, has been named Wage and Salary Administrator.

Glen Seltzer, previously Manager, Professional Employment, is now Employment Manager.

William C. Dill, employment representative, has transferred to the Personnel Dept of the Kearfott Division facility at San Marcos.

Charles E. Talbot, previously SED wage and salary administrator, has transferred to Seltzer's employment staff.





SCENES from this year's pre-season "kickoff" tournament of the Librascope Golf Club, are presented above, as captured by the camera of Tournament Chairman Bob Megee, on his first photographic assignment for LIBRAZETTE.

At bottom center, the winners: First row—Bob Peterson, low net, Edith Vesley, women's low net, Walter Newcomer, low

gross and Dave Sweeney, second low net; Second row—Megee, Phil Marsik, third low net and Club President Bill Kerr, in a studio shot made by Photographer Jim Avera.

At top center, Jim Hachtel and former Librascope employee Joy Dahlquist, one of the many couples who gathered for a celebration at the clubhouse after the tournament wound up.

## H.G. Ternow Joins SED Scientists

(GLENDALE) Helmut G. Ternow, German-born scientist whose experience in electronic systems design antedates World War II, has been appointed a Senior Scientist on the staff of Harry A. Keit, Director, Ground Information Systems Department of SED.

His initial assignment is to the systems engineering section of SED's STRICOM proposal effort.



TERNOW

Ternow, since becoming a United States citizen, has been a member of the scientific staffs of Lear, Inc., International Telephone and Telegraph's Data and Information Systems Div., Ramo-Wooldridge Corp., and Bell Aerosystems.

He holds degrees from the Siemens Polytechnic College, the Gauss Schule for Communications and the High Air Technical College, all of Berlin, and has performed postgraduate work at UCLA, the University of Michigan and Purdue University.

Ternow, who makes his home in West Los Angeles, is a senior member of the Institute of Electrical and Electronics Engineers, the Operations Research Society of America and the Mathematical Ass'n of America.

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## Arthur Sagar

(GLENDALE) Funeral services for Art Sagar, veteran final assembler in SED's manufacturing department, were held April 22, with many of the friends made in almost 10 years with Librascope in attendance.

Mr. Sagar, well-known throughout the organization, was born in Bradford, England. He was brought to Canada as a youngster, later moved to Buffalo, N.Y. Before joining Librascope he helped build aircraft with the Douglas, Lockheed and Bell aircraft companies.

Mr. Sagar was stricken with a heart attack April 7, while at work. After rallying from the attack at a Glendale hospital, he seemed to be recovering, but succumbed to another attack April 17 while still in hospital.

He is survived by his widow, Marie, of SED's accounting department, a member of the Precisioneer board and Chairman of the Librascope Credit Union credit committee.



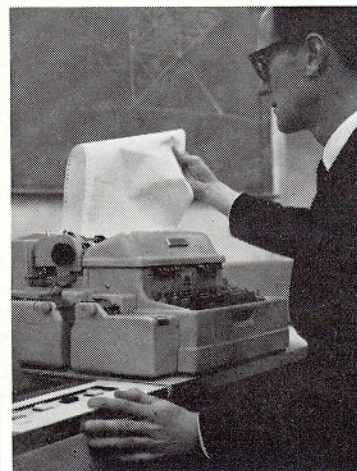
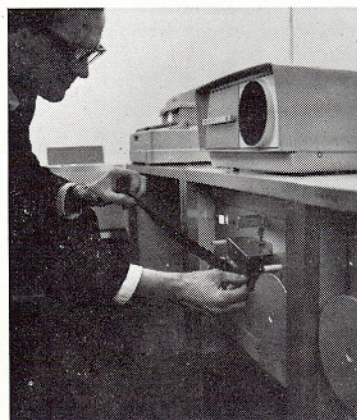
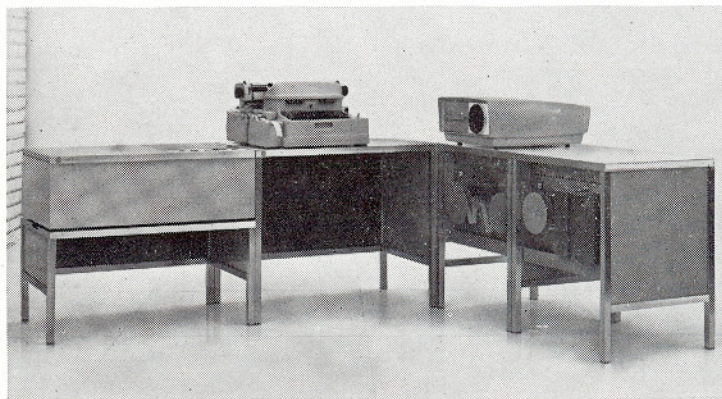
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