

HP Credit Union Tops \$1,000,000 Asset Mark

Membership Over 3,100—

The HP Employees Federal Credit Union reached the \$1,000,000 mark in asset size in early June. Another milestone was reached in June when credit union membership surpassed 3,100. This meant that better than 50 percent of all eligible HP employees in Santa Clara County were participating in the savings and loan program offered by the credit union.

At its June 15 monthly meeting, the Credit Union board of directors declared a quarterly dividend payable to savers on July 1 at an annual dividend rate of 5 1/4 percent. This was the second quarterly dividend of the year, which is consistent with the board of directors' announced policy of declaring dividends on a quarterly basis.

With over one million dollars in loans outstanding, the HP Credit Union at mid-year 1971 showed six delinquent loans over two months old (including write-offs) amounting to \$1,399.59. The amount delinquent represented approximately 0.14 percent of total loan amount outstanding, and is appreciably less than the national credit union average of 2.90 percent.

The HP Credit Union is gradually expanding its loan services and, as a future objective, would like to be able to include second mortgages, stock-secured loans, boat loans, etc., as part of its loan service. Any expanded loan services are dependent upon good-sized savings deposits. Although response to the savings program has been excellent and increasing steadily, average savings per credit union member of \$300 is still appreciably below the national \$692 average savings per member. Savings deposits will be a significant factor in determining the extent of added future loan services.

For the present, the HP Credit Union offers the following loan services:

(1) *Personal (signature) loans*—Maximum amounts are graduated upward to \$2,500 according to length of employment. The Credit Union Handbook gives full details. Effective annual interest rate is 12 percent.

(2) *New auto loans*—The credit union
(Continued on page 2)

You Are Needed!

For a Special Project—

"Yes, you are needed," says Bettie Conlin, volunteer coordinator for the Alcoholism Information Center of Santa Clara County which needs volunteers for its information and referral service. The Center is located at 1500 Los Padres Blvd. in Santa Clara; phone 241-6903.

The Center, a special project of the Mental Health Association of Santa Clara County, was established last July to combat the alcoholism problem in Santa Clara County. It operates a 24-hour, seven-day-a-week information and referral center and numerous educational programs.

According to Mrs. Conlin, volunteers would help conduct the county-wide information and referral service to assist problem drinkers and their families in finding immediate suitable treatment for the problem.

Mrs. Conlin said volunteers are screened and, after going through a six or seven week training period, serve one four-hour shift a week.

She singled out availability and "a feeling for people" as the two major requirements for volunteers.

ARRL Field Day Report

By HAROLD WILKINSON

Over 1,300 Stations Contacted—

This past weekend, the Hewlett-Packard Amateur Radio Club participated in the annual ARRL Field Day Contest. Every year many clubs take their ham radio equipment to the best location possible and try to contact similar clubs. The equipment is run off emergency power (a gasoline generator or batteries) to simulate emergency conditions. The purpose of the contest is to test the ability of groups of hams to assemble on a few moments' notice and quickly set up an efficient, working radio station. Should an emergency arise, they might be our only mode of communication.

The HP hams, under the club call of K6FB/6, operated from Camp Stuart, a Boy Scout camp high above Saratoga. Under the direction of Field Day Chairman *Bill Hamlin, K6UO* (AMD Div.), the group ran five transmitters simultaneously during the 24-hour contest period.

Final logs are now being processed, and the exact results will not be known for a week or two. The group as a whole contacted over 1,300 stations. First place in the club went to a couple of non-HP'ites. *Dave Wilkinson, WA6DIL* (brother of *Harold Wilkinson*, Microwave Div.), and friend *Paul Horwitz, WA6IAF*, contacted over 375 stations in more than 25 states using 40-meter single-sideband (SSB).

The 20-meter SSB station was the one generally relied on for points during daylight hours. *Neil Newman, WA2ZED/6* (Microwave Div.), and his helpers accounted for over 250 stations, including Germany and England.

The 75-meter SSB station made most of its points early Sunday morning (midnight to 6 a.m.). *Harold Wilkinson, WB6JGS* (Microwave Div.), aided by *Jerry Fulstone, WA6EJV* (Santa Clara Div.), contacted 250 stations. On this band it is much more difficult to work distant stations than on others, yet the log shows contacts with stations as far away as Quebec and New York.

The 20-meter CW station (using Morse code to communicate rather than voice) had disappointing results this year. Nevertheless, operators *Dennis King, WB6JSZ* (Corporate Div.), and *Chuck King, K6CTQ* (HP TV Studio), contributed significantly to the point total of other transmitters within the club.

The 15-meter SSB station did much better than in recent years with approximately 175 contacts. Operators *Lyle Hornback, WB6RYR*, and *Earl Freeman, WB6DEY* (both of Santa Clara Div.), regularly contacted stations on the East coast.

For the first time in several years, a VHF (very high frequency) station was used part-time. The VHF bands are usually good only for local coverage, but operators *Bruno Bienenfeld, VE3DAG/W6* (Scientific Inst. Div.), and *Bob Clark, WA6PYQ* (Microwave Div.), accounted for over 100 contacts.

Other operators participating were *Jim Locke, K8RMO/6* (Corporate Div.), and *Len Small, W6NIS* (HP Labs). Our special thanks go to *Elmer Talbert, W6PFC* (HP Labs), for doing such an excellent job keeping the generator running, without whose effort the entire operation would not have been possible.

wescon
San Francisco, August 24-27, 1971

WESCON Moves to Downtown San Francisco

Adios, Cow Palace—

In an unprecedented action for a major convention, WESCON's directors announced last month that the big product show and conference in August will be moved from the Cow Palace to downtown San Francisco.

All exhibits, technical meetings, and other activities will be presented in Brooks Hall/Civic Auditorium in the heart of the city's Civic Center, it was announced by *Bob Ward* (Perkin-Elmer), chairman of the WESCON board of directors.

The move was made possible by the physical size of this year's show—about 700 display units, maximum for Brooks Hall/Civic Auditorium. In previous years, WESCON requirements exceeded this capacity.

"The advantages to exhibitors, visitors, and everyone else concerned are significant and numerous," said *Ward*. "The building is air-conditioned throughout—and it was designed for conventions. Hotels and restaurants are within walking distance. Meeting facilities are just excellent. Multi-level parking is next door. Freeway access is within a few blocks.

"I personally doubt that most major shows could accomplish such a major change with only 90 days to go before opening day. The directors feel we have unusual capability in our volunteer committees and our show management staff, exceptional flexibility in our decorator-contractors, and a real understanding of how to make this show better in every way." *Ward* added:

"We will greatly expand our continuous shuttlebus service from the airport and Peninsula locations for the convenience of visitors. For exhibitors, the saving in car rentals alone is a big item.

"I am very proud that, in a year of restraint for our industry, we are able to move positively to produce a better, more effective, and more economical major show and convention in every way," *Ward* said.

WESCON Schedule—

Exhibit hours will be 9:30 a.m. to 5 p.m. on Tuesday, August 24, and Thursday, August 26; 9:30 a.m. to 9 p.m. on Wednesday, August 25; and 9:30 a.m. to 4 p.m. on Friday, August 27. Sessions will be held—four concurrently—each morning at 10 a.m. and each afternoon at 2 p.m. on all four days.

Peninsula Bus Service—

Shuttlebus service from the San Francisco Peninsula will be increased this year, and a remote registration location will be provided at the terminus—the Cabaña Hyatt House in Palo Alto.

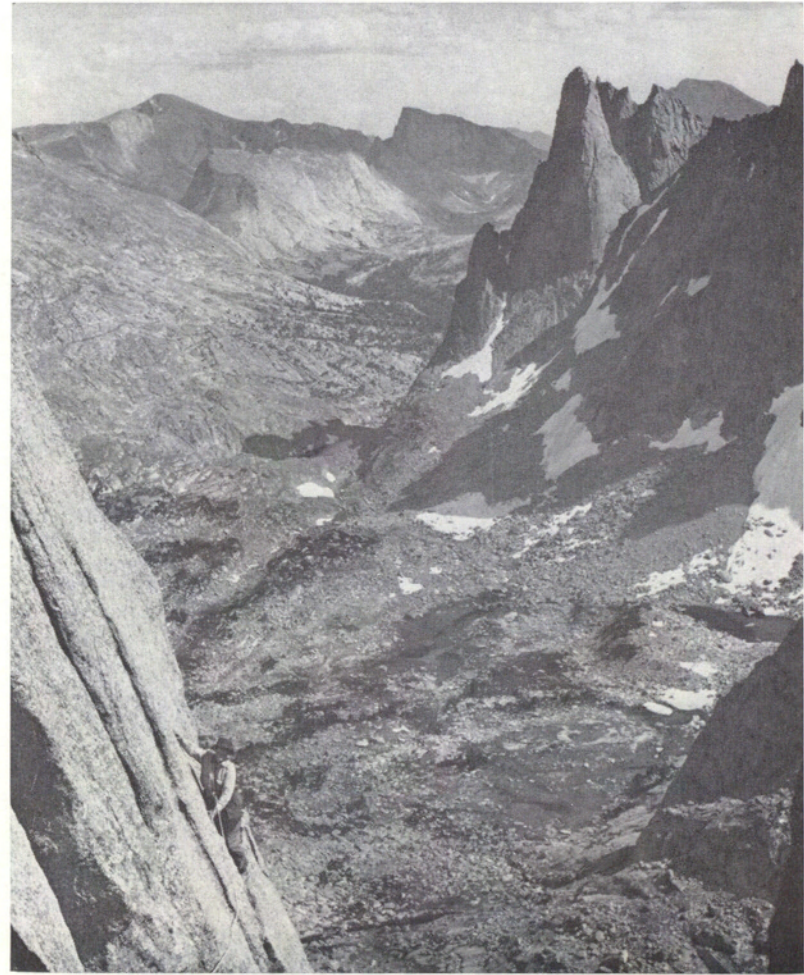
Visitors using the shuttlebus can pre-register for WESCON and receive credentials and program before boarding the buses. There will be a \$1 round-trip bus charge for transportation from Palo Alto to San Francisco (about 40 miles) and return.

Shuttlebuses will also serve San Francisco International Airport, and hotel locations in San Francisco.

Product Categories—

WESCON's exhibition is presented in categories by product classification. There are seven categories in the 1971 show. Components and Microelectronics will occupy the Civic Auditorium (street level), and Brooks Hall (one level down) will feature Computer Equipment and Information Technology, Instruments and Instrumentation, Science Systems and Communications Equipment, Solid State Fabrication Equipment, Elec-

(Continued on page 4)



"BELIEVE IT OR NOT"—that's expert cool-nerved Alpinist **BILL HEWLETT**, epitomizing the old saying, "When you get to the end of your rope, tie a knot on it and hang on!" Locale: the Wind River Range of Wyoming. Good show, Bill!

A New General Manager for Jersey Division

JOHN BLOKKER, formerly operations manager for Hewlett-Packard's New Jersey Division, has been named general manager of the division, it was announced by *John Young*, vice president and general manager of HP's electronic products group.

In his new position, *Blokker* succeeds *Donald Tighe*, who has resigned to pursue personal interests.

Blokker joined HP in 1957 as a project engineer. He became engineering manager of the division's Berkeley Heights, N.J., plant in 1965 and was named oper-

ations manager of the division in 1970.

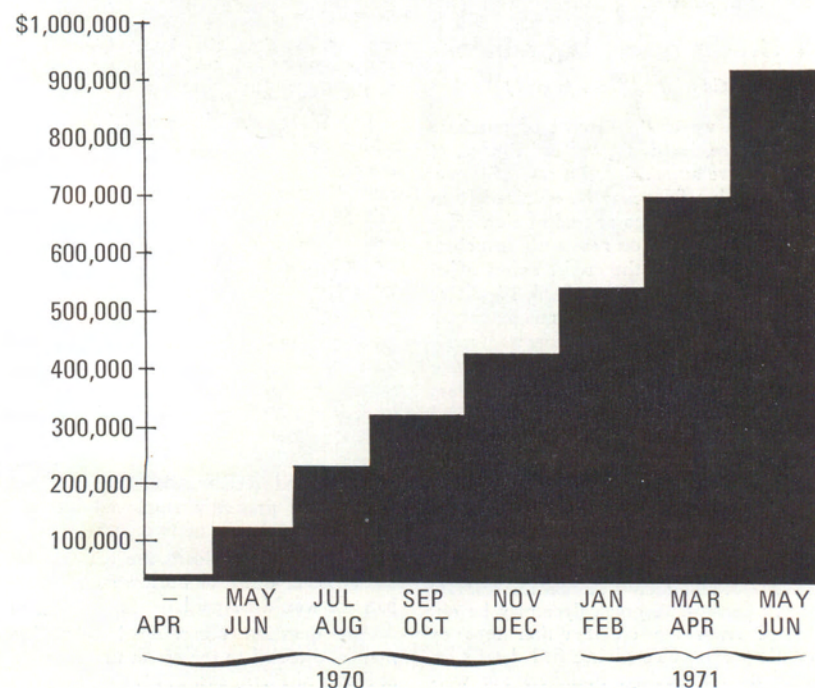
A native of The Netherlands, *Blokker* is a graduate of the University of California in electrical engineering. He holds a Master's degree from Stanford. He and his family live in Summit, N.J. He is a member of the Institute of Electrical and Electronics Engineers.

HP's New Jersey Division manufactures and markets power supplies, television picture monitors, impedance meters, and signal sources. Manufacturing is carried on at plants in Berkeley Heights and Rockaway.

WATCH YOUR CREDIT UNION GROW!

CUMULATIVE

HP CREDIT UNION SAVINGS DEPOSITS



LETTER BOX

Editor's Note: Mrs. Paul Hanzlik, Administrator of the Peninsula Memorial Blood Bank, is retiring after 29 years with the organization. In the following letter she expresses her appreciation for the years of cooperative effort rendered the blood bank by the employees of HP—who, in turn, reciprocate a feeling of gratitude for Mrs. Hanzlik's efficient and cooperative administration of the Peninsula Memorial Blood Bank over many years.

PENINSULA MEMORIAL BLOOD BANK

1791 EL CAMINO REAL • BURLINGAME • CALIFORNIA 94010
TELEPHONE (415) 697-4034

HONORARY PRESIDENT
CARL L. HOAG, M.D.

HONORARY CHAIRMAN-TRUSTEES
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May 27, 1971

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MEDICAL DIRECTOR

Mr. R.L. Wilbur Jr.,
Personnel Director
Hewlett-Packard Company
275 Page Mill Road
PALO ALTO, California

Dear Mr. Wilbur:

Inasmuch as I am retiring on June 1st as administrator of the Peninsula Memorial Blood Bank, I want to express my appreciation for the excellent public relations the Blood Bank has enjoyed with Hewlett-Packard employees since 1957. Over this long span of years their interest and loyalty has never changed. The Blood Bank could always be sure that they would respond in case of dire emergency needs for blood, as well as on the regular visits of its mobile unit.

I am confident that the fine relationship that has existed in the past will continue in the future.

May I ask you to convey to all of your employees my heartfelt thanks for the friendships developed among us and which will always be cherished by me.

Sincerely yours,

Bertha Hanzlik
Mrs. Paul J. Hanzlik
Administrator

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*STUART G. WHITTELEY, JR. PJH:UC

*MEMBER OF THE EXECUTIVE COMMITTEE



NEXT TO THE PAYMASTERS at HP, the men pictured above are the ones welcomed most—they bring us the doughnuts and coffee that add zest to our daily life at HP. Pictured, left to right, are: VERTRAN DRAKE (swing shift), JOHN MACHADO (days), "CHAPO" DOMINGUEZ (days), BLAKE BENSON (swing), and JOSE MONTEREY (days). Not pictured but part of the staff, are ED SMITH (in charge), TONY BAJALA, RAY MAKELA, and HAROLD NOLETTE, all of the Stanford area.

MIDNIGHT MURMURS

Of an Able Crew—

How many of us, when coming to work in the morning, notice the appearance of our buildings? We do, for the most part, expect the floors to be clean, wastebaskets emptied, restrooms to be sparkling, and the lobbies, clean rooms, etc., to be spotless. This is rightly so, but how often do we consider the effort that goes into making our buildings appear so neat and pleasant?

Consider that the typical housewife cleans once, maybe twice a week, her home, which has possibly 1,200 to 1,500 square feet. In the Stanford complex, including the satellite buildings, we have approximately 1,220,000 square feet of floor space that must be thoroughly cleaned every night. This is not a mere touch-and-run type of cleaning, but a nightly routine of dust mopping, wet mopping, buffing, washing, dusting, polishing, and shining.

This amount of work, when you really give it some thought, is enough to stagger the imagination. This task is accomplished by the night maintenance staff of the Building Services Department. There are 87 men on this staff, working a 10 p.m. to 6 a.m. graveyard shift. One might say this is a goodly number of people, but each man is expected to cover approximately 15,000 square feet each night. This spreads the ranks pretty thin.

We have had, from time to time, visiting dignitaries from other plants in the area inspect our facilities. They have expressed their amazement at the degree of excellence we are able to maintain in our housekeeping duties. This, we all must agree, deserves a "well done" for our night maintenance crew.



HAPPY SMILES and warm congratulations as LEE SUPONCH receives his well-earned diploma, indicating "Electronics Machinist." Lee has worked in the machine shop for five years—the last two as leadman. Pictured, left to right, are: ED FOSTER, FLOYD PERRY, Lee, and GEORGE BLIGH.



CONGRATULATIONS are in order for PAUL KING, 4A, who received his "Gun Drill Specialist" certificate, June 21. Paul earned the certification by taking the required job-related courses and by operating equipment such as the El Dorado gun drilling machine and the Heald borematic. This machinery is unique, and Paul does a very capable job operating it. Pictured, left to right, are: GEORGE BLIGH, CORBIN GOIN, Paul, and JOE SPINOZZI.



MAY seemed to be a very good month for MAE CARROLL, wife of LEONARD CARROLL of Mail Service. After ten years at HP, Mae was honored at a luncheon upon her retirement last month, together with a birthday party, also in May. Pictured, left to right, are: GUSSIE CARTER, BEE ELY (Dick Ely's wife), Mae, RUTH BALLARD, and MATTIE BALIEW, all of Building Services department.

Credit Union Loan Info

(Continued from page 1)

will lend up to 80 percent of purchase order price, including tax and license, at an effective annual interest rate of 9 percent. A blue flyer may be obtained from the credit union reps or credit union office giving full details on new auto financing. Also available in the credit union office is the 1971 Kelley Blue Book New Car Price Manual in order that members may compare dealer cost and suggested retail prices. In addition, the credit union office maintains a binder containing letters from local auto dealers offering preferred new car prices to credit union members. Members are welcome to review these letters.

(3) *Used auto loans* — The credit union will lend up to 100 percent of low Kelley Blue Book, excluding tax and license, at an effective annual interest rate of 12 percent. A green flyer may be obtained from the credit union reps or credit union office giving full details on used auto financing. Members are wel-

come to review the latest bi-monthly Kelley Blue Book for used cars available in the credit union office.

(4) *Share-secured loans*—These loans, which are secured by a member's savings, are made at an effective annual interest rate of 9 percent. Some members choose this form of a loan, especially toward the end of a quarterly dividend period; by not withdrawing savings, they preserve the dividend.

(5) *Co-maker loans*—These loans are graduated upward to \$5,000 depending upon length of employment. Effective annual interest rate is 12 percent. In a co-maker loan, the note is signed by both the borrower and a satisfactory co-maker. A satisfactory co-maker must have a good credit rating, be a home owner, and presently employed on one job for a minimum of two years.

All credit union loans are insured. In the event of death of borrower, the loan balance would be paid.

Any question regarding loan policy may be directed to the credit union office at Stanford Plant, ext. 2711.

SHOOT
THE
WORKS
WITH
U.S.
SAVINGS
BONDS





News Intercontinental

By SARA WIETSTOCK

Visitors—

June 21 marked the first day of the second annual Intercontinental Managers' Meeting. Country managers attending the meeting were *Al Hannmann* of HP Singapore; *Tienie Steyn*, HP South Africa; *Ted Grunau*, HP Canada; *Luis Brennan*, HP Argentina; *John Warrington*, HP Australia; *Carlos Barbosa*, HP Brazil; *Alfred Thein*, HP Mexicana; *Mauricio Grosbaus*, HP Venezuela; and *Kuni Oka*, YHP.

Travelers—

Gerda Cordia of the International Traffic Department will be winging her way to Germany in mid-July on a Luft-hansa inaugural flight. On her adventure Gerda will be stopping in Amsterdam to visit our HP office and also some of her relatives. While in Germany Gerda will pay a visit to our Boeblingen Factory... *Marlene Stumpf* of Parts Department has just returned from Germany, where she was married on June 5... *Tom Talbott*, Supervisor of Parts Department, has recently returned from a two-month trip. Tom visited our South African office and our four South American offices.

Old Faithful—

A short time before noon on Thursday, June 10, what appeared to be a miniature version of the famed "Old Faithful" took place on the corner of Hillview and Hanover. As it turned out, the 20-foot fountain of water was the result of a collision between an unsuspecting fire hydrant and a not-too-observant haybaler. The freak accident, however, provided lunch-hour entertainment for employees of International. The small flood which resulted caused only a slight traffic jam for lunch-hour travelers. The whole affair was very quickly brought under control by the Palo Alto Police Department, and no extensive damage was caused. (Please see photo below.)



HILLVIEW GEYSER, June 10, 1971

By GEORGE CLIMO

ANOTHER REVISION of "Personnel Guidelines" will be published later this month, replacing the April 1970 edition. Numerous minor changes and additions were made to reflect current practice in many of our local divisions. These periodic revisions serve the added purpose of locating some of the "Guideline" holders who may not have been heard from in some time. Questions raised by distribution of the new issue usually concern subject matter, but there are always a few queries about the manual itself.

I have been with the Company five years now and have heard many references to the "Personnel Guidelines." What are they?

Everything you always thought you should know about Hewlett-Packard and were afraid you might be asked. Much of the information is covered briefly in our handbook for employees, "About -hp-." The "Guidelines" are designed to assist supervisors in the understanding and application of policies and procedures relating to our personnel. The subject matter includes such items as employment procedures, personal development, safety and security, operational policies and details of our benefit program. It also includes our Statement of Corporate Objectives.

What are the changes in the new edition?

The major effort was to clarify a number of sections on operational policies and benefits. Any changes in policy had been previously announced. New sections are included on the Credit Union, non-pay status, show-and-tell time, and benefits while on leave of absence.

One of the more enterprising lads in our department has been borrowing the manager's copy—a few pages at a time. Fred makes Xerox copies at the local library in the evening and returns the original before the boss gets to work the next day. Now everyone in the department has almost a complete copy of the "Guidelines," and he's taking orders from some of the other departments. With a new edition coming out, now what should he do?

Well, Fred, you might try the *New York Times*. They go for material that they believe to be classified. Actually, there is nothing confidential about the "Guidelines." It is information your supervisor knows, and he'll be glad to discuss any specifics with you. Since much of the manual requires some degree of interpretation, your supervisor can be Dr. Reuben for your questions—on company matters.



SITTING AT TABLE, left to right: TERRY SHARP, GENE VIDAL, CARL BUCHHASS, CAL GIBSON; standing, first row: PHYLLIS BERGLUND, MARIE GRANADOS, MARY HAWORTH, HELEN DOWNING; back row: JOE BRADLEY, BILL BECKMAN, YAS SHIMOGUCHI, JOHN SANKOVICH, GEOFF AINSCOW, JIM FERRELL, BOB SCHAUER, and NICK GUTHERIE.

MIRACLES DO HAPPEN—

Gene Vidal of the Manufacturing Division (center in photo above) recently recorded his first full week of work since September 26, 1969, on page 114 of his journal. Gene has kept this journal since that day when his arm was completely severed in an accident at the Die Casting Shop. It is an amazing and courageous story of his recovery and the ordeals of rehabilitating his arm.

Gene was fortunate enough to have his severed arm rejoined; only 15 other such operations have been performed in the United States. Since the surgery Gene has recorded 60 different sensations in his "new" arm; each a sign of life moving back into his fingers. These sensations have ranged from intense feelings of force being applied to his fingertips to a simple itch, each of which is welcome after no feeling at all.

One significant milestone came on the day Gene was able to shake hands with Dr. Chase, the surgeon who rejoined his arm and has done subsequent surgery as the healing process progressed. After the original surgery following the accident, Dr. Chase joined two bones with a stainless steel plate and pins, giving Gene about 40° of radial movement. Further surgery manipulated Gene's hand to straighten his hand and fingers.

Gene is optimistic about recovering the use of his hand and arm; his goal is to play the electric organ one day in the future. Gene's return to HP as a full-time employee marked a step along the way to his goal. He is working in the Plastic Molding Shop in 2L now on a Dodge insert machine to get back into the swing of things and keep demands on his arm at a minimum.

Calvin Gibson, in photo above on right, remembers only too well when tragedy struck in the Die Cast Shop on the morning of August 7, 1969, when he lost his right arm after being crushed in a 50-ton hydraulic press. It was—along with Vidal's accident a short time later—the most severe work injury in HP's 30-year history.

Now back on the job, Calvin has been connected with the Finish Department for approximately eight months. He is working in the dial-spin operation with *Dick Tibbetts*, and with Dick's help they're finding new and better ways to offset Cal's handicap.

Calvin is to be admired for his efforts in attempting jobs that one might think would be hindered by his handicap. Just recently HP needed someone to fill in on a brite-dip operation. At the time Calvin's area had a rather soft work-load, so he was asked if he would like to attempt working and loading the baskets for brite-dip. He did this with ease and effectiveness.

In addition to his work at HP, Cal is devoting much of his spare time to promoting his patented wheelbarrow. So far he has built 100 of them through a subcontractor and now is in the process of developing a market. Cal is hopeful that someday he may be able to set up a manufacturing facility in the East Palo Alto area, and by doing this, feels he will be making a significant contribution to his community.

Chess Club News

Meetings Slated—

An informal organizational meeting was held on Thursday, June 10, with twelve chess enthusiasts present. The club will meet every second and fourth Thursday at 7:30 p.m. in the 3L Cafeteria, Stanford plant.

All HP employees and interested members of their families are invited to come and play chess.

Informal club tournaments are planned with future activities to include inter-club tournaments with other peninsula teams.

For further information, please contact *Jim Boyer*, X3320, Bldg. 5U, Microwave Division. Others at the first meeting were: *Rich Irwin*, 5U, 3430; *Gus Valenzuela*, 3U, 3585; *Carl Finrock*, 3U, 3460; *Dave Gunn*, 1L, 3355; *Harold See*, 1L, 3355; *Al Woolbridge*, 3L, 3297; *Mike Spasev*, 3L, 3584; *Larry Rayber*, 5U, 3078; *Mike Norton*, 2U, 2458; *Nick Kuhn*, 5U, 3468; and *Arlin Austin*, 2U, 2166.

* * *

Storkville News—

Timothy Andrew was the center of attention at a recent shower given for his adopted mother, *Mary Jane Robbins*, formerly of HP Labs. His adopted father is *Stan Robbins* of BAEDP. Tim was one month old when he joined Mary Jane and Stan on May 24.

* * *

More than 28 percent of all Series E Savings Bonds ever issued are still outstanding, in the hands of tens of millions of owners.



THE TWO APPRENTICES shown receiving their HP and State certificates from Vice President of Personnel RAY WILBUR are: ALFRED ROCH, Journeyman Machinist, on the far left, and BILL WALLS, Electronics Machinist shaking hands with Ray. Also offering their congratulations are NICK BRACKUS, shop foreman, left center, and JIM ROBERTSON, shop manager. Both are from Mountain View Division. The graduation date was June 7.



FAREWELL COFFEE BREAK at HP Labs Model Shop for JOHN HUMPHREYS following 20 years of highly productive service to Hewlett-Packard. Luncheon followed at Mac's Tea Room in Los Altos, together with rod, reel, etc. In photo above, left to right, are: DAVE WELLS, BOB PETERSEN, DON JACKSON, BILL DIXON, LEN McQUAID, ARNO HINDEMIT, JERRY WEATHERLY, HAROLD SEE, John, AL CECCO, BOB MUSIL, HERMIE ALLEN, HANK HOLZMUELLER, JIM MURPHY, DAVE GUNN, and FRED RIOS. The group received quite a charge when John unwrapped his "surprise" tie.

Savings Bonds Questions & Answers

Regarding Maturity Extension for E & H Series Bonds—

What is the meaning of the Treasury's announcement to people who own Savings Bonds and Freedom Shares?

Older E and H Savings Bonds have been granted additional 10-year extensions; an extension has also been granted to Savings Notes—Freedom Shares.

What is the overall, broad effect of the announcement?

All E and H Savings Bonds and Freedom Shares—regardless of age—will continue to earn interest.

How does the announcement affect E Bonds now on sale?

It doesn't; E Bonds now on sale have an automatic 10-year extension period and, therefore, may be held for 15 years, 10 months.

What is the interest rate for Savings Bonds entering an extension?

The interest rate will be the prevailing rate—that which is in effect at the time the bonds enter an extension period.

What is the prevailing rate?

The current rate of interest for bonds entering an extension is a flat 5½ percent; this rate is guaranteed to next maturity.

How does all this benefit the owners of Savings Bonds and Freedom Shares?

The granting of additional extensions for older E and H Bonds—and a first extension for Freedom Shares—will enable bond owners to complete their long-range plans, savings for vacations, new homes, college educations, retirement.

What group of Savings Bonds has been granted a third extension?

All Series E Bonds now in—or already promised—a second extension; that is, those bonds issued from May 1941 through April 1952.

Is this third extension the last that can be expected?

Yes. The Treasury feels that this 40-year life span for the early E Bonds will enable bond owners to attain their goals. Experience indicates that only a small portion of bonds will remain outstanding beyond this period, and the problems of tracing ownership become increasingly complex with the passage of time. In any case, owners of E Bonds may exchange them for H Bonds at any time prior to their maturity.

Does the decision to provide a third extension mean that all Savings Bonds will be given third extensions?

Not necessarily; however, no decision on this point is needed until 1981.

What about E Bonds nearing the end of their first extension?

Series E Bonds issued from May 1952 through January 1957 now have been granted a second 10-year extension.

What H Bonds are affected by the announcement?

Series H Bonds issued from June 1952 through January 1957 have been granted a second 10-year extension.

What about Freedom Shares—Savings Notes—that start maturing next fall?

Freedom Shares—on sale from May 1967 through June 1970—are being treated like E Bonds. They have been granted a 10-year extension beyond their original 4½-year maturity.

What is the interest rate for Freedom Shares entering an extension?

The interest rate will be that which is in effect for Savings Bonds at the time

Endangered Species

It is not just animals which are endangered species. Habitat changes by man and intrusion of introduced species may locally or regionally eliminate plant forms. A case in point is our deciduous white oak, *Quercus Lobata*. It is infrequently planted in local cities and seems not to be reproducing itself even in the wild.

Many people were originally attracted to this region because of the beauty of the land, and especially the beauty of the native oaks. Yet present planting policies are gradually changing the character of the area. Plantings on our streets and parks are producing a coniferous forest rather than enhancing the native oak woodland. Laws protect the indigenous animals and birds from marauding citizens, but the trees and shrubs will be the critical factor which determines their survival.

A number of our birds are adapted to secure their sustenance within the confines of the oak woodland, and if we continue to plant only exotics (even if we preserve the existing native trees) there will be eventually no natives, since species which do not reproduce are gradually extinguished.

If you doubt that this can happen to your city, visit our neighbor, Oakland, and look around for the oaks—and for the Acorn Woodpeckers, Plain Titmice, Downy Woodpeckers, and other birds expected in the oak belt.

In most cities it is not too late to reverse this short-sighted planting policy. Work with your local government leaders, youth groups, and garden clubs to encourage planting of oaks and other native species on our streets, homes, and parks.

Begin at home. White oak acorns germinate readily and produce trees of good size in five years. This oak is one of our best long-lived shade trees, and the roots do not cause problems to driveways and sidewalks. You can expect your young oak to grow about two feet a year (if watered), and no water is needed after five years.

Reprinted, Courtesy Santa Clara Audubon Society

the Freedom Shares enter an extension.

What is the current rate?

The current rate is a flat 5½ percent and is guaranteed to next maturity.

Have all E Bonds been granted at least one extension?

Yes. All E Bonds may be held at least 10 years beyond first maturity.

Have all H Bonds been granted extensions, too?

No. However, all H Bonds issued through November 1965 have been promised at least one 10-year extension. Therefore, there is no need for a decision until 1975.

Do all Savings Bonds benefits continue during extension?

Yes, including the important benefits of tax-deferral and exchange privileges.

What does this mean in terms of dollars?

Over the years, interest rates have been improved several times—ranging from the original 2.9 percent to the current "bonus" rate of 5½ percent. If you hold a \$100 E Bond—purchased in May 1941 for \$75—it is now worth \$201.12, and will earn 5½ percent, compounded semi-annually, on that amount throughout the new extension.

Alcoholism Information Center

A New Resource for the Problem Drinker—

Alcoholism constitutes the largest abuse of a specific drug in the United States. Much remains to be done by both the lay and professional segments of society in attacking it. Therefore, we would like to call your attention to our new effort in dealing with the alcoholism problem here in Santa Clara County.

It is the Alcoholism Information Center, a special project of the Mental Health Association of Santa Clara County, funded by a grant from the Council of Criminal Justice, and now fully functioning. The Center has established a three-pronged program to combat the growing alcoholism problem:

1. Maintains an information and referral service for alcoholics and/or their families. Through personal contact and a telephone (HELP-LINE) service available to any caller 24 hours, seven days a week, the Center answers all inquiries, provides up-to-date information about alcoholism, refers all callers to the appropriate agencies for help, and follows up all requests to be certain they have been assisted. Trained volunteers are assisting in this phase of the program.

2. Provides, upon request, educational services and training to agencies, industry, and other individuals and organizations.

3. Functions as community-wide agency coordinating the many resources available to the alcoholic, and attacks the many-faceted problems of alcoholism. Speakers bureau seminars and conferences provide public and specific alcoholism information.

Almost everyone knows a problem drinker. The Center can assist you in dealing with this major health problem. Remember—HELP-LINE: 241-1771.

WESCON

(Continued from page 1)

tronic Circuit Packaging, and Production and Processing Equipment.

New Inquiry Cards—

WESCON has contracted with Jacquard Systems of Manhattan Beach, California, for exploratory use of a new system for the high-speed embossing of plastic Inquiry Cards. As designed and programmed by Jacquard, the system employs interfaced Data General computers and modified high-speed Addressograph-Multigraph embossers.

WESCON will employ a one-station module this year with a rated capacity of 350 five-line embossed cards per hour. This compares with 55-60 cards per hour by manual embossing.

The Jacquard system has the potential for handling all registration functions as well, and can be used to establish a data bank of information on all visitors.

32 Sessions—

WESCON's 1971 program includes 32 sessions, about six more than the average number in recent years. Within the total of 32, there are eight sessions with computer-related subjects and six that concentrate on techniques in electronic circuit and other manufacturing. Multiple sessions treat problems in employment and managing and marketing trends, medical electronics, communications, and general technology subjects. All are to be held in meeting rooms in the Brooks Hall/Civic Auditorium building.

Science Film Theater, a traditional WESCON program, will offer about 25 outstanding technical, engineering, and general interest motion pictures on a repeating daily schedule.

Keynote Speaker—

William F. Glavin, president of Xerox Data Systems, will deliver a keynote address at the Sponsors Luncheon on Tuesday, August 24, in the San Francisco Hilton Hotel. Mr. Glavin, appointed president of XDS in 1970 after having served as executive vice president, was previously associated with IBM for 15 years.

Other features of the luncheon will include the awarding of WEMA's medal



Photo by John Sankovich



Photo by Yas Shimoguchi

Recently, the Plastic Molding Department, Bldg. 2L, honored two old-time employees who reached their 20-year anniversary with HP—

The first was Yas Shimoguchi. Yas came to work for HP and the Plastic Molding Department on March 26, 1951. Needless to say, he has seen Molding grow from a very small operation to what it is today. A lot of credit can be given to Yas for his years of service—as a machine operator, supervisor, and his present task of being in charge of Production Control and scheduling for the Plastic Shop. The Molding Department presented him with a lovely cake and gift as a memento of the occasion. The above picture shows Yas with Lee Tripiano and Phyllis Berglund.

The second honoree was Phil Zurmublen, who was also presented with a cake and gift. Phil came to work for HP and the Plastic Molding Department on June 4, 1951. He, too, has seen the department come up from its infancy to the present-day operations. The number of machines and equipment we have now in comparison to 20 years ago is almost unbelievable. Who thought Plastic Molding would grow so rapidly in that length of time? Phil is shown here with his cake.

We want to congratulate Yas and Phil for jobs well done, and we know they will continue to contribute much to the betterment of Plastic Molding. Their conscientious attitude has helped a great deal to make the Plastic Shop what it is today. Thanks, fellows!

The Molding Department can now boast that they have three 20-year people, the third being Doug Wright. Doug is the Plastic Molding In-Plant Engineer, who celebrated his 20 years with HP last September.



CALIFORNIA Youth Symphony Association / P. O. Box 1441, Palo Alto, Calif. 94302

103 YOUNG PEOPLE NEED YOUR HELP

... to carry the banner as youthful U.S. Ambassadors to Europe. The members of the California Youth Symphony have been invited to represent the U.S. at the International Festival of Youth Orchestras in Lausanne, Switzerland, this summer.

They will also tour Vienna and give concerts in Czechoslovakia. Most of the money required for this trip comes from the families of the young people who participate... but additional financial help is needed from the community. Can you help... with a donation of \$25? or \$50? or \$100? or \$500?

Plus factors—

Donations are tax-deductible.

You will be listed as a Sponsor in next year's CYS programs.

You will receive complimentary season tickets to next year's concerts.

of achievement, the Region 6 IEEE achievement award, and the IEEE Morris E. Lieved award.

Pre-WESCON Conference—

The Distributor-Manufacturer-Representative marketing conference, held the day before WESCON opens—August 23 this year—will have a decidedly new look. The regular Monday program, made up of 20 prearranged meeting sessions among reps, factory executives, and distributors, will be unchanged. There will be a new Sunday afternoon distributor workshop at the Hilton Hotel which will feature 10 "free-for-all" roundtable discussions of current sales and marketing subjects from 3 to 5 p.m. Following the workshop, there will be a no-host get-acquainted reception at the Hilton for D-M-R participants.

Other special activities during the week include an Eta Kappa Nu awards luncheon, the all-industry reception on Tuesday evening, and a ladies' program that will include motorized cable car tours of San Francisco for visiting guests.

Many Overseas Exhibitors—

Exhibit participation by overseas or foreign companies cannot be totalled officially at this time, but present firm commitments indicate about 60 exhibit units. This includes 20 from the United Kingdom, 14 from West Germany, 6

from the Province of Quebec, and about 20 in Japan. The total will apparently be in about the same relationship to the total show as in 1970, probably approaching ten percent of booths committed.

General electronics industry economic conditions also make it difficult to forecast total attendance. In terms of other trade show experience this year, however, it is probable that total attendance will be about 30,000 qualified registrants.

Executives in Charge—

Four members of WESCON's board of directors make up the executive committee charged with the responsibility of the 1971 event; they are: Dr. Stanley F. Kaisel, committee chairman; Robert M. Ward (Perkin-Elmer), chairman of the WESCON board; Fred J. MacKenzie (SRI), convention director; and Alfred P. Oliverio (Hewlett-Packard), show director. Donald E. Larson, WESCON general manager, is also a member of this committee.

Four WESCON directors from Southern California serve this year as a long-range planning committee; they are: Charles M. Edwards (United Geophysical, Bendix), chairman; J. Rudy Humes (Bell Electronics); Charles Olmcsky (Lockheed); and Edward T. Clare (Clare Management Corp.).

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