

Cupertino Activated

HP Computer and Data Groups in Business at Vallico Park—

Hewlett-Packard people have begun to occupy the new Cupertino plant. Full occupancy by about 350 employees is expected around the middle of this month.

Their new work site is a \$5.5-million plant with 150,000 square feet of floor space located on a 46-acre site at Wolfe and Homestead Roads in Vallico Park.

The facility houses HP's Data Products Group, under General Manager *Carl Cottrell*, and its newly designated Cupertino Division, headed by General Manager *Tom Perkins*, will transfer all manufacturing of its line of digital computers and related equipment to the new plant.

Moving the group and division from Palo Alto frees needed plant space there for the group's Palo Alto Division, which produces digital instruments and systems.

The group also includes the Mountain View Division and coordinates related activities conducted by other HP divisions.

60,000 at '69 IEEE

By ROSS SNYDER

HP Attention Getters on Display—

Hewlett-Packard was at this year's IEEE Show in New York as strongly as ever. IEEE is still the Big Daddy of electronic shows, even though our own Wescon covers more ground and maybe shows more products and services. IEEE is where the crowd goes—60,000 registered visitors this year.

In its familiar location, just to your right at the top of the escalator on the floor where the instruments are, the HP display was visited by just about everybody who came to the show. By the time it was over, more than 2,400 visitors took the trouble to leave cards asking for more information about HP products.

Factual Quote—

On the floor of the exhibit at the Coliseum, in daily attendance were *Bill Hewlett*, *Barney Oliver*, *Noel Eldred*, and *Ralph Lee*. Said a visiting editor, "Hewlett-Packard is certainly one company where they haven't forgotten that customers like to meet the people who run things."

New Counter Packs 'Em In—

The Frequency and Time Division's brand-new Model 5360A Computing Counter packed in constant viewers, as showmen *Roger Smith*, *Roger Costa*, and *Dick Anderson* demonstrated with their well-prepared slide-talk show.

Almost as many visitors were stopped by HPA's display of light-emitting-diode numeric indicators, though, even without pitch artists.

While those two were the highlights of the show, every HP exhibit got enough attention to make its competitors jealous.

There is a strong concentration of HP customers in and near New York, so we took every advantage of the place and time to see as many as possible. Hotel suites were used to make detailed, private demonstrations for key people. From morning to late night, visitors received individual attention from *Gil Reeser* and *Dave Martin* concerning F&T's 5360A; *Lyle Jevons* and *Paul Ely* about Microwave's computerized network analyzer; and *Jim Pettit*, *Ron Givens*, and *Bill Terry* about new Colorado Springs developments.

An important part of every IEEE Show is the getting together of HP's own personnel from the field and from the product divisions. *Wolfgang Obme*, engineering manager from HP GmbH, was prominent among overseas HP people, chatting constantly with U.S. associates. Many meetings took place, both formal and informal, to the end that better understandings resulted for all.

Arriving early and leaving late so everyone attending found a smoothly running exhibit and well-planned facilities, was corporate staff show manager *Niels Tonnesen*, with *Leo Bowser* and *Ernie Bennett* in support (see photos).



A thoughtful *NEILS TONNESEN*, corporate show manager, eyes his IEEE booth one last time before the surging crowd arrives.



IEEE photos by Marvin Willrodt

THIS IS THE WAY it was, from opening hour the first day to closing minute of the last, in the mobbed HP display at the 1969 "I Triple E" in New York City.

Payroll Savings Bond Plan Offered

An Opportunity for Personal Saving—

The annual HP Payroll Savings Bond Campaign has been announced for the first two weeks of June. At that time, each employee will be given an opportunity to purchase savings bonds through payroll deductions.

Payroll savings and stock purchases are the only automatic paycheck deductions available at HP for personal savings. Only payroll savings are unlimited as to the amounts that may be deducted and saved.

In addition to helping fight inflation, savings bonds are particularly attractive for education and retirement since they offer significant tax advantages when used for these purposes. Detailed information will be made available to each employee during the campaign.

Eric Isacson of Corporate Planning has been appointed coordinator for this year's campaign.

Change in Cafeteria—

As of Monday, June 2, the Cafeteria located in Building 3L, and its satellite operations at HPA and Paeco, will be operated and managed by Manning's Inc.

The vending machine service will be changed, effective July 1, to the same organization.

Interest Rates Up On Savings Bonds

The interest rate on U.S. Savings Bonds was inadvertently reported as 4.15% in this space last month. The correct interest rate is 4.25%.

Freedom Shares paying 5% are also available to Savings Bond buyers.

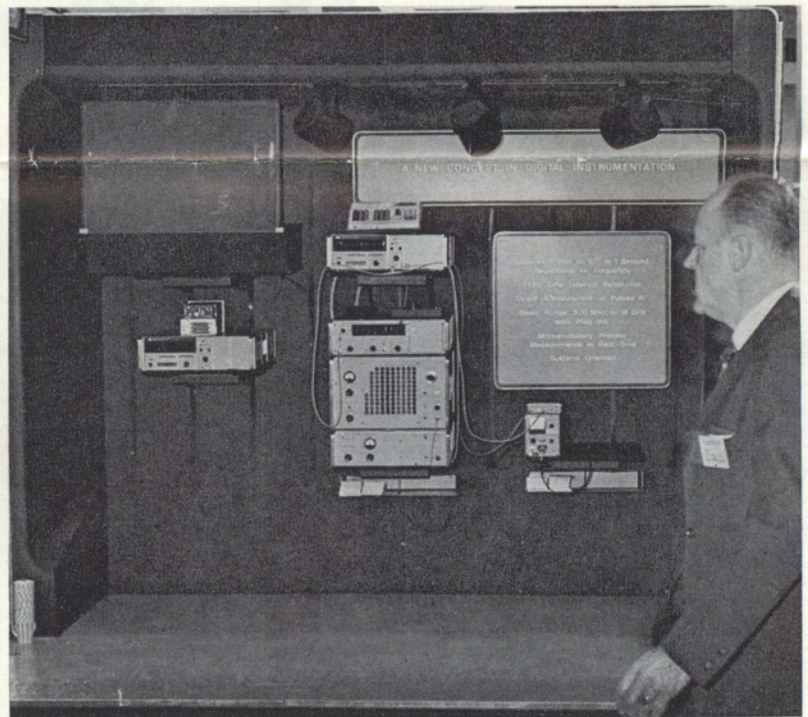
Furthermore, significant tax breaks are available on Savings Bonds used for education or retirement.



"ONE COMPANY that hasn't forgotten that customers like to talk to the people who run things . . ." was the comment one visiting editor made on seeing president *BILL HEWLETT* on booth duty like everyone else.



LITERALLY CHEWING the fat over sales successes? Well, probably not, but Executive VP *NOEL ELDRD* and *DAVE CALDWELL* certainly thrashed out a problem or two.



IEEE SHOW display of F&T's new Computing Counter catches eye of fast-moving International VP *BILL DOOLITTLE*.



PROUD OF his team and its products on display, Colorado Springs General Manager *BILL TERRY* shows off new big-screen version of the 140 scope, Model 143A.



GIL REESER, left, F&T product manager for the new Computing Counter, shares pride and pleasure of F&T General Manager *AL BAGLEY*, right, in Division's sensational new 5360A.

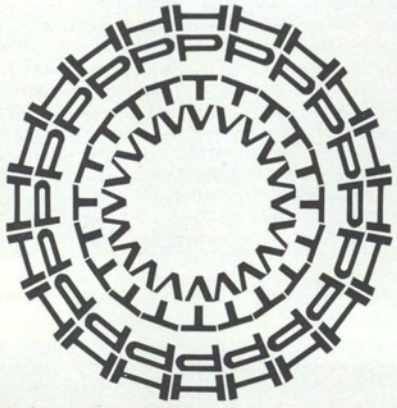
Lest We Forget—

A soldier's pack is far less a weight than a prisoner's chain.

—DWIGHT EISENHOWER



THE LOGO selected for Hewlett-Packard Television was designed by GLORIA GARRETT-SON, illustrator for HP Systems Division. Gloria is shown in photo above pointing out salient features of her signature to Walt Robson, head of HP-TV. After a lengthy process of eliminating many ideas, Gloria decided to enter this circular format—deriving the idea from abstracting the lens and shutter of a camera, and using the letters HP-TV to create the image. Gloria especially enjoys abstract design and has made it her specialty in drawings as well as paintings. She received her Bachelor of Arts degree in commercial art in 1967 from San Jose State College, and has been with Hewlett-Packard since that time.



HP-TV Logo Contest Ends

Many Excellent Designs Submitted—

Over 50 designs were submitted for the Hewlett-Packard television logo. Entries were received from graphic artists, technicians, engineers, security guards, and other HP employees located not just in the Palo Alto area, but throughout the Hewlett-Packard complex. Judging was handled by the Corporate Industrial Design Staff, in conjunction with HP-TV staff members.

The logotype selected will appear at the beginning and end of each of HP-TV's video tape recordings. These television programs are sent to HP sales offices and manufacturing centers around the world to provide sales and training information to field units and HP customers.

The Television Center sends its sincere appreciation to all those who submitted designs for this competition.

Westwind International Folk Ensemble

Dinkelspiel Concert—

Again—Westwind in Concert—May 9 and 10, at Dinkelspiel Auditorium, Stanford University, at 8:30 p.m., and at Scottish Rite Auditorium, 19th and Sloat streets, San Francisco, on May 24 at 8:00 p.m.

Imagine the whooping gaiety of an early American knockdown; the wild abandon of Ukrainian dancing; songs of the earth and its people from Croatia and America; and the excitement and splendor of a Spanish Fiesta. All this and more is Westwind.

The ensemble is led by the following three directors: production and dance director, HP's Neal Sandler (Bldg. 11), who performed in the modern dance companies of Elfreda Mahler and Nadia Chilkovsky and the ballet troupe of Richard Kimball; he has acted in little theater and on television. Carol Sandler, Choral Director, studied voice with Dorothy Stevens-Humphreys and has performed with the Columbus Opera Company and in musical comedies, and has acted in Little Theater and on television; she and her sister were featured singers on a weekly program with CBS. Orchestral Director John Austin studied violin with Vladimir Resnikoff of the Boston Symphony and Robert Mann of the Juilliard String Quartet; he has performed in New York, Cambridge, Aspen, and Berkeley, and plays jazz bass in a trio.

If you care to laugh and feel the excitement of the world for an evening, then share Westwind; for this is Westwind. For tickets contact Neal Sandler, ext. 235, Bldg. 11.

Hobo Party Night

By L. G. MURRIN

Italian Buffet—

Bowlers, dancers, and fun-lovers: this is for you. The Harmony Plotters are inviting you to attend a Hobo Style Bowling and Dancing Night at the Fiesta Lanes of Palo Alto, Saturday, May 17, from 8 p.m. to 3 a.m. An Italian Hobo Buffet, consisting of spaghetti and meat balls, salad, french bread, and coffee, should be enough to tempt any HP Hobo.

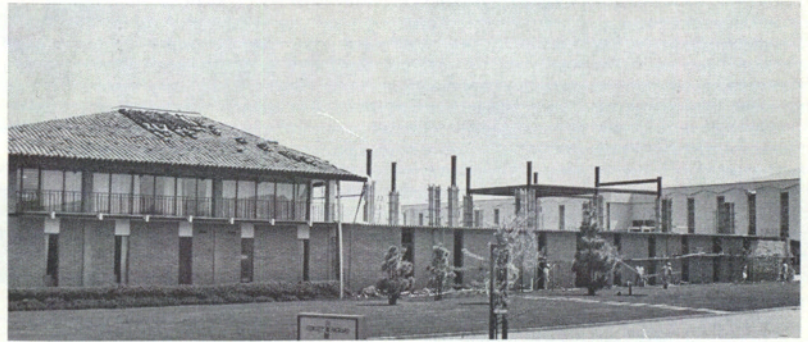
To seduce you further, there will be offered as door prizes five certificates good for three days and two nights at the Holiday Lodge in Reno, and five certificates good for three days and two nights at the Flamingo Hotel in Las Vegas.

Get your tickets from your Harmony Plotter representative or receptionist; they are only \$3.00 per person (so little for so much).

A Note of Appreciation

My family and I are very grateful to our HP friends for their kindnesses to us during our recent bereavement.

NANCY THOMAN, (5U)



INTERNATIONAL'S Bldg. 16 expansion shown taking shape. The steel columns exposed are awaiting the roof structure, which will be tiled to match existing building. The steel decking has been installed and in place ready for concrete to be pumped "from ground level to the second floor" (think about that!). Next month we'll have "additional" news.



HP FLYING DEMONSTRATION at Lod Airport in Israel. More than 800 engineers, physicians, and chemists visited the plane during its 3-day stop in Israel, including all the "who's who" in the Israel electronic industry and research institutes. On the minibus is written in Hebrew: "Hewlett-Packard's airborne exhibition." Marvill Willrodt Photo



CONGRATULATIONS for MAP triple-header! Shown receiving their journeyman certificates for successfully completing the Machinist Apprenticeship Program from RAY WILBUR, VP Corporate Personnel, are (left to right, foreground) CLIFF TANG, Experimental Machinist; MIKE EWING, Machinist; and BOB STIVER, Experimental Machinist. Looking on are GEORGE BLIGH, 4L; HARRY BLIGH, 4A; BILL MERG, 4A; and GARY RUPPEL, 3U.



PICTURED is JOSE (Building 2L) and HENRIETTA QUINTANA'S (Building 4L), son, Dennis Quintana, who is shown receiving the Bronze Medal for bravery. Dennis was a hospital corpsman with the Marines in Viet Nam for 10 months and was personally involved in saving the life of a fellow Marine. He is now stationed at Camp Pendleton. Congratulations, proud parents!



THE HP SOUTH AFRICA CREW—HP opened its own sales office in South Africa in November last year. The head office, located in Cape Town, has a branch office in Johannesburg. Starting at the back row, from left to right: Lazarus Mdola, Gert Nerenheim, Bill Hobbs (Johannesburg Branch Manager), David Blake, Helmut Marsoner, Pete Flanter, Abrie Mouton; second row: Roy White (Cape Town Branch Manager), Larry Introna, Margret Macaskill, and Lorna Venter. Missing from the picture were Henry Flanter (General Manager), Mike Mulder, and Vivian van Zyl. The picture was taken by International's BOB TURNER while he was in South Africa with the Flying Demo.



HP'S INSTRUCTOR TRAINING WORKSHOP is shown in progress in Conference Room 5M. Developed and conducted by ROBERT LEVY and GARY RUPPEL (Personnel Training and Development), the workshop was designed to develop instructional skills in interested HP employees, with extensive use of video recording being employed. Participants were (seated left to right): FRED BASHAM, Microwave; ELTON NEWTON, Mountain View; WALLY MUNDT, F&T; MIKE CUNNINGHAM, Microwave; LOK LIN, PAD; JAY LILLIE, F&T; TONY HUNT, Data Products; HOWARD BOSSERT, Mountain View; MEL BYRNS, Mountain View; and JERRY SCHWAFEL, F&T.

Wescon Names Planning Chairmen

Buell, Christiansen, Marx, Snyder Tapped—

Committee chairmen for 13 Wescon activities were announced last week by Emmet Cameron, executive committee chairman.

They are the nucleus of about 400 engineering and executive volunteers who are helping produce the 1969 Western Electronic Show and Convention, which will attract 45,000 visitors to San Francisco August 19-22.

Committee chairmen and vice chairmen include John Ballard (Technology for Communications, International) and Phillip L. Gundy (Computer Equipment), cocktail party; Victor Buell (Hewlett-Packard) and Frank LaFetra (Raychem), facilities; Tom Christiansen (Hewlett-Packard) and Richard J. Larkin (Ampex), Future Engineers Show; Jon W. Wilcox (Varian) and Ross Snyder (Hewlett-Packard), public relations; Austin Marx (Hewlett-Packard) and Peter Dietz (Data Technology), registration; F. W. Moulthrop (F. W. Moulthrop & Assn.) and Bert Porter (Compar), visitor services; Mrs. Ray L. Leadbrand and Mrs. John B. Damon head the women's activities.

Sharing the responsibility as co-chairmen are Robert Ward (Ultek) and George Ewing (Lenkurt), attendance; Dr. Norman H. Moore (Priority Air Transport) and Myrl H. Stearns (Management Consultant), host committee; and Dr. Stanley Kiesel (Consultant) and Kenneth T. Larkin (Lockheed Missiles), sponsors luncheon committee.

Committee members for the most part represent Wescon's two sponsors—the Western Electronic Manufacturers Association, and the San Francisco section and Los Angeles council of the Institute of Electrical and Electronics Engineers (Region 6).

'Queen's Award' Won By HP Ltd.

For Microwave-Link Analyzer—

Hewlett-Packard Ltd. has won "The Queen's Award to Industry" in recognition of its technological innovation in the field of microwave-link analysis.

The breakthrough in microwave-link analyzers by the South Queensferry, Scotland, plant has brought significantly improved standards for microwave telecommunications and color television transmissions by facilitating the performance-checking of microwave communication links.

The Queen's Awards are achievement honors granted annually by the Queen of England to a limited, select number of companies in the United Kingdom. Representing Her Majesty, the Marquess of Linlithgow will present the award at the HP Ltd. plant.

Dennis Taylor, managing director of the HP subsidiary, called the award "a great tribute to the team, led by Peter Carmichael, that conceived and developed the analyzer. It is also an honor for all our people, whose contributions have brought considerable growth and success to Hewlett-Packard Ltd. during the eight years since its establishment in Britain."

Carmichael and his team worked for three years to perfect the microwave-link analyzer.



EVA SCOBEE, on leave from Bldg. 4U, Line 5, after 15 years with HP, was given a gift certificate and many good wishes from her Hewlett-Packard friends. Shown in photo, left to right, are: PEGGY SMITH, SOPHIE LAVERONI, Eva, and BERNIE POOL.

S.C. Party Highlights

By KATHY JOHNSON

Affair a Great Success—

On Friday evening, April 25, one could tell there was something special going on at the new HP Santa Clara plant by the long line of headlights streaming into the parking lot at the corner of Stevens Creek Boulevard and Lawrence Expressway. Until then, all activity had been during the day—trucks lumbering in with building materials and construction workers doing the myriad of things necessary to put a modern building together. But on the night of the 25th, the people of HP came to the grand opening party of the Santa Clara Division to see what had been going on these many months since the ground breaking on April 22, 1968, and to celebrate the near-completion of HP's newest facility.

It was in the manufacturing area that the party took place, in the area soon to house the production facilities for counters and printed circuits. Typical of HP buildings, this part of the Santa Clara facility is clean, bright, and attractive with off-white tile floors, pillars painted different hues of yellow, and the constant whirring of the air-conditioning system. The pillars were decorated with colorful crepe paper flowers created by the F&T girls in building 2U, and 1,000 balloons were suspended over the center of the dance floor. At 11 o'clock the balloons were dropped and 100 lucky people found tickets inside that they could exchange for a record album. The location of different kinds of refreshments was indicated by huge signs in stagecoach lettering done by the F&T art department. But it was the music of Ernie Heckscher and his orchestra that did the most to create the festive setting for the biggest party ever given by an HP division—a party enjoyed by more than 1,800 guests.

Cooperation, Terrific!—

The great success of the party was due to the enormous expenditure of effort by the countless people. There were the construction engineers who kept the building on schedule; those who made the essential last-minute installations; the workers who transformed the parking area from a lake into a hard surface on the day before the party; the people who decorated the building, built the bandstand, and blew up the balloons; those who set up, supplied, and ran the refreshment stands; the musicians who put so much effort into their work and were so responsive to requests; those who promoted the party and sold the tickets; and those who conceived the idea and carried it to its successful conclusion.

The band played until nearly 1:00 a.m.—and then began another parade of headlights through the dusty parking lot. But the lights inside didn't go out. Shortly after the cleanup was finished, a new crew arrived on the scene. At 7:00 a.m. that morning, workmen came to make the final transformation of a party scene to a factory scene. The dance floor, bigger than a football field, gradually gave way to the installation of line after line of work benches. And now we have a factory instead of a ballroom.

Later this month the new Santa Clara plant will be put to use once again, this time as one of the world's finest facilities for the production of electronic instruments. Too bad—it was such a nice place for a party!

Santa Clara Planning

By BUD ELDON

Zero Hour Approaches—

Here we go to Santa Clara! During the last couple of weeks of May, we plan to make the physical move of most of the F&T production groups, along with a few staff groups. Specifically, the departments that are to be moved by the end of May are the following:

Shipping / Receiving / Stores, Prefab, Cables, Printed Circuit Assembly, Electronic Maintenance, Packaging, Quality Control, Synthesizer and Counters A/W/T, Special Handling, Cost Accounting, Production Control, Production Engineering, and Order Processing.

Altogether, this involves more than 400 people. It will empty Building 2U here at the Stanford plant, almost 11 years to the day from the date the first people (including manufacturing manager, Johnny Morton) moved into it.

Actually, the move of Cost Accounting, Production Control, and Order Processing are to temporary quarters. In September, all three departments will move to the administration building. All other groups will be moving into permanent locations.

During the first two weeks of June, we plan to move engineering. In addition to the R&D sections now located in building 5M, we'll move Lee Bodily's standards engineering group, the Model Shop, Photo Lab, Printed Circuit Prototype Shop, and Environmental Test.

Then, early in July, the Beam Tube Manufacturing group from Beverly, Massachusetts (F&T-East) will move, along with the Crystal Manufacturing department now located in Building 1L. And, at about the same time, we'll start moving our integrated circuits department from Building 5M—first, Assembly and Engineering; later the I.C. Fabrication people and equipment.

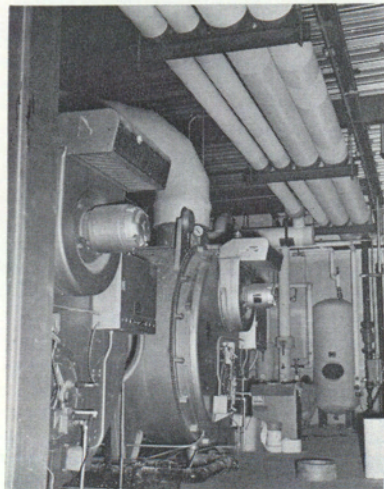
With those moves, we will fill the Santa Clara buildings that are to be completed in the first phase of construction (Buildings 51 and 55-W). All our other groups (Marketing, Digital Analysis and Standards Production, Personnel, Inventory Control, and miscellaneous staff groups) will move after late August when the second phase of construction is scheduled to be completed (Buildings 50 and 55-E).

80 Van Loads—

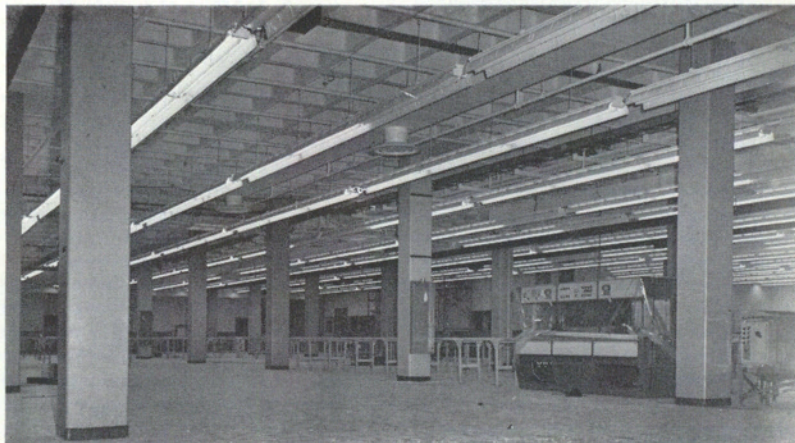
All this moving will be handled by a local firm, Nevil Storage Co., an affiliate of North American Van Lines. Most of it will be done on Saturdays, with the trucks to be loaded at this end on Friday evenings. And there'll be a lot of trucks: Nevil estimates that there'll be a total of 80 van loads!

As all this suggests, the final outfitting of the new plant is well under way. Most of it is expected to be done before mid-May; the rest will be done after we start to move. Consequently, as many people saw during the F&T housewarming party on April 25, the place is beginning to look finished.

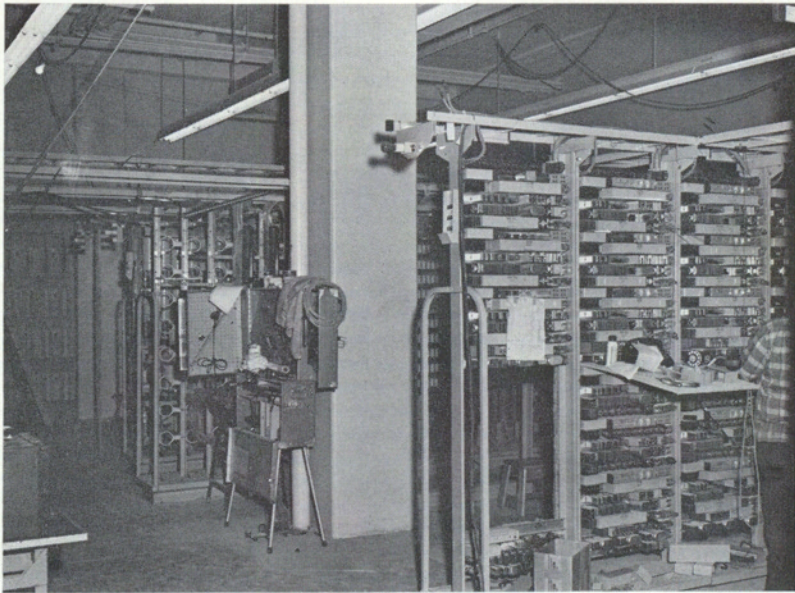
The adjacent pictures present some idea of how both the finished buildings and the almost ready for us. And we're ready for them!



HEAT SOURCE for F&T Santa Clara: two 300 (that's 10,000,000 BTU/hour!) HP boilers, hooked up and operating.



READY TO GO! Printed circuit assembly area for Santa Clara F&T, with wave solder machine in foreground.



FINAL ASSEMBLY of the Santa Clara telephone equipment room (including 30 tie lines to the Stanford plant).



SHOWN RELAXING in switchboard room lounge area are Stanford Plant operators, left to right: HAZEL SMITH, JUDY HORDER, VIRGINIA QUINNITT, and PEGGIE COPPE. During leisure time, Hazel likes to collect rocks and coins, Judy enjoys reading, Virginia is an avid square dancer, and Peggie's also is an earnest reader.



AN ENTHUSIASTIC group of MYD, CSC, and Delbon employees recently completed a 16-hour first-aid course given in the MYD Conference Room. The medical self-help training was given to representatives of various departments to prepare them for any emergencies that might take place in the absence of the plant nurse. Pictured, left to right, are: KEN BROWN, TED ROWAN, JOY DAVIS, JOE MASTROPOLO, BOBBIE STERN, CHRIS ROBERTSON, CINDY CARUSO, SHIRLEY COOK, ELEANOR SMITH, LOUISE HARDY, KAY FISHER, MARYE WHITFIELD, and nurse MARIE JANZEN. RAY WHITE is the voluntary "victim."

Transportation Services, Hewlett-Packard Divisions

Shown below are new schedules now in effect for the HP interplant transportation system. In addition to providing a shuttle service for HP employees, it also is used to transfer HP mail between the major HP building complexes.

Round-trip shuttle service from Stanford 3U, 5U, 15 & 16, PAD, 8U, 10 & 11; back to Stanford 3U.

Service to Customer Service Center, Delcon, and Mountain View Division. Departing at 3L Patio.

Service to Santa Clara and Valco Park, Cupertino Division. Departing at 3U Lobby.

Daily from 7:45 a.m.

3U Lobby	PAD 8U
7:45	8:00
8:00	8:15
8:15	8:30
8:30	8:45
8:45	9:00
9:00	9:15
9:15	
9:45	9:45
10:00	10:00
10:15	10:15
10:30	10:30
10:45	10:45
11:00	11:00
11:15	11:15
11:30	11:30
11:45	12:00
12:15	
	12:30
12:45	
1:00	1:00
1:15	1:15
1:30	1:30
1:45	1:45
2:00	2:00
2:15	2:15
2:45	2:45
3:00	3:00
3:15	3:15
3:30	3:30
3:45	3:45
4:00	4:00
4:15	4:15
4:30	4:30

Daily from 8 a.m.

3L Patio	Mt. View
8:00	8:30
9:45	10:15
10:45	11:15
12:30	1:00
1:30	2:00
2:45	3:15

Daily from 8 a.m.

3U Lobby	Cup.	S. Clara
8:00	8:20	8:30
9:00	9:20	9:45
10:15	10:35	10:45
12:00	12:20	12:30
1:00	1:20	1:30
2:00	2:20	2:45
3:15	3:35	3:45

Wescon Predicts . . .

"Standing Room Only" for Exhibits—

Exhibit space assignments for the 1969 Western Electronic Show and Convention were mailed April 23 to about 600 electronic manufacturing companies, it was announced by William H. Heflin, show director.

Heflin, president of FRL Inc. of Palo Alto, said that exhibit space in the five halls of the San Francisco Cow Palace complex is nearly all contracted for. Assignments for 1,100 booths are included in this week's mailing—or more than were included in the 1967 Wescon in the Northern California city. Because of rotation of exhibit categories in the Cow Palace this year, about 75 more exhibit spaces are available than in 1967.

He predicted that Wescon will open on August 19 as a "full house," with 1,180 exhibit booths and 625 exhibitor organizations.

Because of mergers, increases in individual space requirements, and "groupings" of companies with their sales representative organizations, the total number of listed exhibitors continues to decline slightly each year. In 1968, there were 640 exhibit listings, Heflin noted.

The four-day Wescon show runs August 19-22, and the concurrent technical program of 23 sessions will also be presented at the Cow Palace. The two-day International Electronic Circuit Packaging Symposium is to be held at the San Francisco Hilton August 20-21.

Wescon is presented in San Francisco and Los Angeles in alternate years, under co-sponsorship of the Western Electronic Manufacturers Association and the Los Angeles council and San Francisco section of the Institute of Electrical and Electronics Engineers.



MAMIE WYNN (2U) is engaged to proud Bert Klingburg of San Jose (see the ring?). Wedding bells will ring on June 13 at 9 p.m. at the Masonic Temple, 272 So. First Street, San Jose. Everyone is invited to witness the big event. RSVP.

Frazier, and Will Thomas . . . Those guys you see wearing kooky hats are Wayne Peters, Robert Williams, and Al Mayorga having a "hat-in" of their own! . . . A hat to match your mood—like covered with bananas and coconuts for the fruity look, a Tyrolean for your yen to yodel, pink hats, blue hats, beads and bolero, and a white cap for walkin' on water! . . . Said Agnes Wagner, viewing the scene, "It lends a little cheer to the atmosphere!" . . . And that's the paper jungle up-tight, man!

Microwave 4U

Reporter: MARY WISEMAN

Play Ball—

The Owls are here! Come one, come all! See the Owls in action, Tuesday or Thursday nights at McKelvey Field in Mountain View. Check the league schedules on the bulletin board.

Odds and Ends—

Mysterious happenings are occurring on Line 15. *Elsa Santa Ana* was puzzled when she arrived on Friday morning: it seems as if a dragon appeared right in front of her beautiful brown eyes! Incidentally, the dragon was part of a picture on one of those big round "jig saw" puzzles. The girls were working on it every lunch period and they want to say whoever stayed after work to finish it when they were gone is a *dirty bird!* . . . *Dot Pigott* of Line 7 is now the proud grandma of five baby chicks. She also has two ducks, a peacock, and her cat is going to have kittens soon, so be sure to place your orders early! . . . *B. J. Richie*, Line 1, will soon be getting his new Chevy camper. More about that later when he and his wife, *Jane*, Special Handling, start taking trips in it . . . *Lucky Ben Walker*, Line 2, Test, won a portable color TV through a filling station drawing . . . We hear *Sophie Laveroni*, Line 1, had to pay a visit to her son, who is a dentist, after eating an apple to break the other afternoon. Did it bite on the way through, Sophie? . . . They say nobody has visited Line 10 to see a picture of their pin-up girl. It sure would be worth your time! . . . Have all you gals noticed our tall, dark, and handsome new man, *Art Roach*, on Line 4—and he's single!

New Homes—

Sbaron Hatch, Line 3, has just moved into a new home in Milpitas . . . Our nurse, *Dorothy Wilson*, has a new abode built on a hillside in Cupertino . . . *Lindy* and *Ginger Winters* have just moved into their new dwelling in Sunnyvale.

Vacations—

Mal Hubback, Test, Line 3, is all excited these days about his vacation coming up soon. His wife and he will be taking a boat up to Alaska from Portland. Sure sounds like fun.

Wedding—

Fran Christofferson was formerly *Fran Heiling* of Line 15. She was married March 17 at South Lake Tahoe, with a reception being held at the C.P.O. Club. Her husband is retired from the Air Force. Congratulations!

Birthdays were celebrated recently by *Linda Triester*, Line 16, and *Dolores Jorge*, Line 11 . . . And *Vi Gardner*, P.C., celebrated her "??"—what birthday was that?

Leaving—

We are missing, and will be missing, a few people before long: *Lee Wrigglesworth* of Line 6 has left to work elsewhere, as has *Dan Medler*, Test, Line 3 . . . *Janice Caruth*, Line 15, is leaving to await the stork; a baby shower was given by her co-workers in the cafeteria on April 29 . . . *Marge Fukumoto*, P.C., is transferring to the Cupertino plant . . . *Rosa Hooe*, P.C., will be transferring to the S.C. plant . . . *Cyd Myers*, Line 4, is quitting to stay home after 13 years with HP . . . *Judy Costa*, Line 9, will be leaving soon . . . *Carol Harland*, Line 6, is going on a short leave of absence . . . *Dianne Hengehold* of Special Handling is leaving to await the stork; this will be the second child for her and her husband . . . We will miss you all and wish you the best of luck.

A welcome back to *Hazel Wilson*, who is returning to HP and will be working in P.C. . . . Proud mothers of talented daughters are *Mildred Messick*, Line 2, whose daughter won a blue ribbon in an art show at school, and *Jackie Simpson*, Line 4, whose daughter, *Patti*, won a first prize for a ceramic pitcher she made.

Do You Know?—

Bernie Pool, Line 2, was our gal and *Ike Eischen* our guy in our "how well do you know your fellow workers" feature.

This month, our guy is a native Californian, has worked for HP 15½ years,



HIGH FLYER VIC LINDGREN of 4A Machine Shop recently purchased a smooth-flying Cessna 150 to pursue his favorite hobby, and now Vic and his charming wife are able to fly at every opportunity. Recently they zipped to the Sacramento area, dropping in at the Nut Tree Inn for an enjoyable luncheon. Vic was home and drove to work with hours to spare. The man in the Flying Machine has other hobbies which he enjoys, such as hunting and fishing and bull sessions with the gang. Vic says he has held his pilot's license for three years, and is now working toward gaining his commercial pilot's license and ultimately to do a bit of charter flying and instructing in his spare time. Vic and his wife plan their vacation in the mid-east, barnstorming all the way, of course.



BILL GABLER (right) of Test, Line 2, Microwave, was showered with wedding gifts from his fellow workers after the much awaited arrival of his bride, Erzs. Bill married her in Hungary during October last year, and they were finally reunited just last month. In picture, left to right: ALMA MOORE, BERNIE POOL, MARLIN SCHELL, MARY WISEMAN, BEN WALKER, MEL HUBBACK, REX HANKINS, SHARON HATCH, VIC MORAN, PEGGY SMITH, and Bill.



MICROWAVE'S DAVE MONCRIEF, Bldg. 4U, Line 4 (right center in white shirt), test technician, recently transferred to 6A as supervisor for incoming inspection of parts under Ed Dost. Dave was presented with a men's cologne set, and cake was enjoyed by, left to right: TROY LINDSEY, BETTY CEVENE, DARRELL MEDEIROS, JIMMY MITCHELL, AL GRADISAR, DAVE ROWLEY, GEORGE KONTON, CLAUDIA BRADFIELD, Dave, PEGGY SMITH, and EVA SCOBEE.

likes all sports, and has done various jobs before coming to HP, including machinist and working on box machines. He says he has led a pretty quiet life—nothing to write about. Sounds like most of us. Who is he?

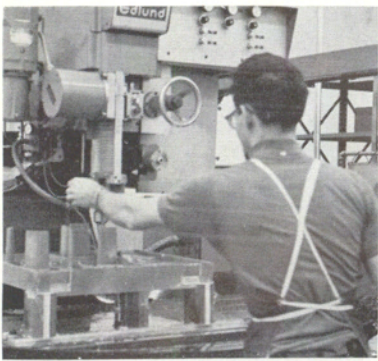
The gal is everybody's friend. She has been with HP three years. She was born in Washington and has lived in California 22 years. She has three children and loves animals—which include horses, two dogs, and one cat. Who is she?

Pays
a little over \$4
on every \$3
you invest.

Take stock in America
Buy U.S. Savings Bonds & Freedom Shares



JUNE KELLY was the lovely center of attention when co-workers gathered at a recent surprise party held in her honor. June's shown with a paper weight which was fabricated, plated and engraved by HP'ites, and read, "1959-1969, June Kelly, 10 years service with HP."



MOUNTAIN VIEW Division proudly came into its own last month when it received the Edlund Numerical Control Center. After months of planning and thought, the huge machine was ordered and then trucked out from New York State and installed. One of the first jobs for the mill was MV's brand-new 7970 castings. Engineers, programmers, and machine shop men worked round the clock to ready the machine for its initial run. In above picture, swing shift machine operator, ROD TRAVIS, makes an adjustment while the machine goes smoothly through its paces.

Microcircuits 5L

By CHARLOTTE RUSSELL

OUR LITTLE WORLD IN MICRO-COSM has its share of laughter and tears . . . the varied experiences that color all lives. Working in close association as we do, these experiences spread beyond the purely personal and are shared with all around us. Then it becomes this reporter's lot to extend the ripples of information, both large and small, like so:

Baby Photo Contest—

The Great Baby Photo Contest, held the week before Easter, seemed to be a huge success, judging from the constant cluster of people around the exhibit. We had 39 entrants—39 brave souls who were willing to let us see what little darlings they were once upon a time. The only unwitting participant was George Bodway, whose unmistakable likeness at six months provided a last-minute crowning touch to the contest, thanks to a mutual conspiracy between Mrs. Bodway, Joan Engelcke, and Your Reporter. George's expression on coming face to face with his photo was a study in wheels-going-round bewilderment worthy of its own Academy Award . . . Along with the exhibit, we held a contest for the most accurate identifications of the participants in the exhibit. The contest was won by Jim Wilkerson, who listed 30 correct names and the prize was, as promised, a bottle of "Old Something or Other"—in this case, Seagram's VO (see photo) . . . Our other social event for the month was a pot-luck luncheon in honor of all of us with March birthdays, including Mae Yano, Terry Karp, Jim Stevens, Tom Carey, Rich Lucic, Bob Rehner, Gladys Koke, Simone Malcolm, Orland Hugill, Walt Kilik, and Elli Gould. Having overflowed our department facilities, we were fortunate in being able to do our celebrating in the cafeteria, thanks to Hal Weibe's hospitality. The food was



IT BEGAN as a dream for JOHN MOSELAGE of Cupertino Division, and his wife—then, ten months later, there it was—a split-level with four bedrooms, 2½ baths, family room, kitchen, laundry room, and two-car garage, with heavy shake roof and 1,938 square feet of living area. John did 90 percent of the work himself, and had all the cuts, slivers, bruises, and tired days to prove it. Quite a fantastic project for a young man to take on and do. His dream house is in Milpitas, and boasts a panoramic view of the foothills.

"too much," both in quality and quantity.

Tragic News—

This period has also brought sorrowful moments to some of us. We were shocked and saddened by the tragic news about Fran Williams' oldest daughter, Linda Ryman. The fatal accident occurred on the San Tomas Expressway on Easter Sunday . . . A similar catastrophic event happened when the mother of Terry Chappell's wife, Marilyn, was killed in a highway accident, also on April 6 . . . All of us extend our deepest sympathy to Fran and Terry and their respective families.

New and Renewed—

Smart girl, that Shirley O'Brien. Her plaintive—and frequent—remarks about being low man on the totem pole when new equipment arrives for her area, finally paid off. A brand-new spectrum analyzer was carefully labeled with her name on all its sections and the legend, "Hush, Hush, Sweet Shirley," across the face of the display section. Dan Dannelly and Tem Ketcher, who master-minded the appeasement program, are hoping this doesn't give Sweet Shirley further ideas, like f'rinstance, more space! . . . Then there's the sad saga of Bob Rehner, who decided his desk chair was no longer fit for human occupancy, so proceeded to clean the aforesaid chair within an inch of its inner workings. After tubbing, rubbing, and scrubbing, Bob scrutinized the chair with loving pride and admiration, until he discovered that his energies had been expended on someone else's chair!



JIM WILKERSON was the winner of the "Old Something or Other" in Microcircuit's recent Baby Contest. See CHARLOTTE RUSSELL'S adjacent column, "Microcircuits 5L."

AS A MAN ONCE TOLD ME, and I quote: "The bitterness of poor quality remains long after the sweetness of low price is forgotten."

Palo Alto Division

Reporter: JAN McCRANEY

FIRST, HELLO to all of our ol' group who've gone to Cupertino, from the gang at PAD. You better believe we miss you, cause it's true!

Too Late for Last Month—

Gordon Ford has a new little adopted daughter, Jacqueline Rei Ford . . . If you've noticed some good aromas floating around the place at lunchtime, it's from our gourmet gals on the lines. Boy, can they cook up some different and luscious dishes! Who needs a cafeteria? Let's hire the girls!

Welcome Mat for—

Ed Krissman (Rick Walter), Mike Keys (Terry Maxwell), Mike Hernandez and Sam Brown (Computers), Naomi Hara (Production Control), Harold Frazier (Don Lawrence), Nick Cote (Mike Ward) . . . Have some new apprentices with us, too: Don Kelly (Hugh Brand), Ernie Hillis, and not new but on her third trip here, Jean Creelman. One more time, Jean, and we'll keep ya! . . . Also "hello" to Lorraine Lamphere, Mary Ann Lewis, and Ron Villata (P.C.) and Paulette Quenerville (Larry Mitchell) . . . Welcome to PAD!

Happy anniversaries to Zella McFadden and John Gilbert . . . "Jim Cole is a good lapidary man."

Another Day Younger—

Dick Hammons, Elaine Lopez, Ethel Casey, Bob Gull (Doubles), Floyd Pangrac (Pinch), Jack Tennyson, Ken Vierera, Gary Mueller, Floyd Bumbaca (Soon Now), Bill Hansen (Tiki), Mel Highstreet, Flo Kille, George Amori, Helen Thomas, Allan Foster, Virginia Bour, Winnie Winslow, Bud Eble, and Larry Houpt . . . and belated to Vickie Tiese and Maxine Selby.

Footnotes—

Keep those clothes and things coming for our good Indian neighbors; they can use them, believe me . . . Hello, Ola Harrison! Sure miss you! . . . And how about ole Larry Reed! Went bowling recently for the first time in ages and had a 215 game! . . . Welcome home, Carolyn Hewitt! . . . Bye-bye Barbara Johnstone! Barb will be in the Cupertino Division by the time this comes out. We all miss you, and each has a special reason why. Just remember all of us as we will you—and remember "The Old Pro's"!

'Til next month, remember someone who needs remembering!

* * *

The chains of habit are generally too small to be felt until they are too strong to be broken.



WHAT is the well-dressed groom wearing this year? Well, when Palo Alto Division's JOHN GAMBLE meets International's CHELLE CLOMAN at the altar in the Moffett Field chapel, he may still have this year's fashion accessory (an 8-ball) attached to his right leg.



HARLON ANDREWS of PAD is enjoying cutting his wedding cake. Looks kind of cute in his apron, doesn't he? Good luck to you and yours!



ANOTHER JOVIAL birthday celebration was held, this time for DORIS PERKINS of the Stanford Park switchboard. Presenting cake is JUDY HORDER. Doris was also the recipient of a pearl drop necklace from the girls of the department.

FOR A BRIGHTER TOMORROW

BUY
U.S. SAVINGS BONDS TODAY

Production Control—'Everyone's Responsibility'

By MARTIN GANSCHOW

Or, What Makes the System Tick—

In Production Control, the distributor that endeavors to activate certain items for work on given parts of an instrument is like the distributor of an automobile engine that times the spark to the right cylinder at the right time to make the engine perform.

In like manner, an HP customer purchases an instrument from the sales engineer, who in turn notifies the marketing office that the customer would like to have the instrument delivered on such and such a date.

The corporate office then relays this information to the sales staff of the division responsible for producing the instrument for the customer. The divisional sales staff notifies their master scheduler that they have sold an instrument and when the customer would like to have the instrument delivered.

The master scheduler then checks his finished goods inventory to see if he may have an instrument in stock to fill this request. If the master scheduler does not have an instrument in stock, he assigns the unit to a run of instruments to be built. He informs the divisional sales staff as to when they may have the instrument, and they in turn notify the customer.

"31-Week Schedule"—

The master scheduler makes up a list of many types of instruments and assigns run, quantities, run numbers, and due dates for the runs to be completed. He releases this list one a month and it is designated as the *31-week schedule*. He may set an earlier due date to a run or he may set a date that is later than the original due date, thereby setting off a chain reaction of a whole new set of problems involving purchasing, production scheduling, machine and sheet-metal shops, line assembly, and test areas.

The purchased parts scheduler uses the 31-week schedule to review his kardex to check the inventory of the materials for which he is responsible, such as raw material for the machine and sheet-metal shops, electrical components, wire, tubes, switches, and a zillion other things. He writes a purchase order for the parts he has to record and then checks with the vendor to see if he may obtain the parts on the date that the purchased parts scheduler needs the items in stock. The 31-week schedule helps the scheduler determine the rate usage of parts and of any change in the rate of usage of parts. This information is very important, for it helps the scheduler to keep his parts inventory costs down and it also helps him to keep supplies on hand that the production control scheduler will need for making machine parts, sheet-metal parts, and various line assemblies.

Important Tool—

The production control scheduler uses the 31-week schedule to review his kardex to check the numbers of parts that he has in stock to make the instruments scheduled. He uses the 31-week schedule to time the work orders that he has to write to build the instruments scheduled. The scheduler gives a due date for each operation that is required to make the fabricated sheet-metal parts. (All machine shop work orders state a start date plus a date for the machine shop to finish the order.) The control scheduler also orders all prints and process sheets needed for the work orders.

The production control clerk typist types the work orders, entering the work order number into the kardex and the quantity of the work order and when the order is due to be finished. She also types the material requisitions for raw material, purchased parts, and fabricated parts that the machine shop or sheet-metal shop will need to make the parts called for on each individual work order.

The clerk also types the line assembly work orders, and makes out the computer stock withdrawal cards that the line assembly draws to draw parts from the stock room.

The work orders then are sent to the

machine and sheet-metal shops. The machine shop reviews each work order and decides whether to build the part, or if overloaded, to subcontract the part to an outside source.

PCC—

The work orders are processed in the machine shop production control center which processes a schedule card for the work order, and due dates for each section through to become a useful part. Those of you who have been through the machine shop have seen these cards lined up on the machine that is to work on the order as well as the next machining sequence. On this card you will see a row of red numbers on the due week line. The red numbers are the due dates for the part to be finished in that particular section of the shop.

The sheet-metal shop, at the present time, is controlled by the due week dates typed on the work order for each operation involved in making the parts for the work order. The sheet-metal group is in the process of changing over to the same type of control system as used in the machine shop.

The tool maintenance people play a big part in the production of parts in the machine and sheet-metal shops, keeping the many jigs and fixtures in proper condition at all times, as well as storing the jigs and fixtures in the tool room for use when there is a reorder of parts. They also help production by keeping the machines oiled and by removing accumulated metal chips from the machines, thus giving the machine operator a cleaner place in which to work.

For various reasons parts are sometimes inevitably delayed in process. The production scheduler must then contact the area in which the part is being held up. He must find out the delay and then ask people in charge of that area if it would be possible for them to either work a partial or, if at all possible, to work the entire work order quantity.

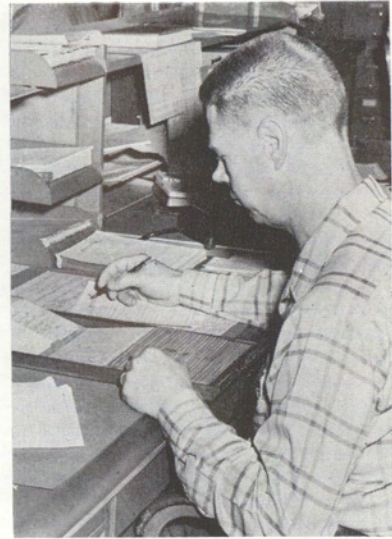
Quality Built In—

The work order parts that are finished by the shops are final inspected by the quality assurance people to make certain that all usable parts are being sent to stock. (Quality cannot be inspected into a part, it is *built* into the part by people making the part.) The "work

(Continued on page 7)



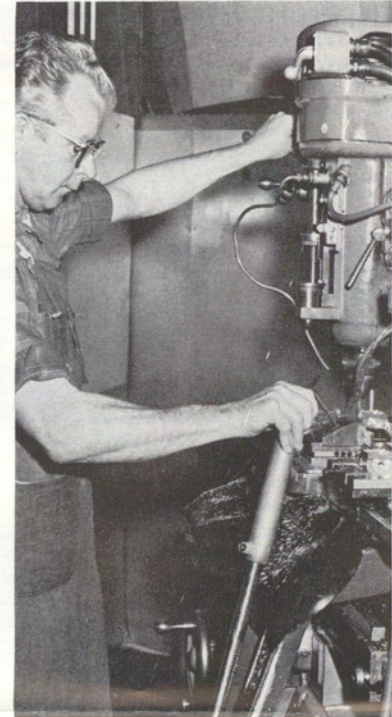
SHOWN SCHEDULING purchased parts for Microwave instruments with new "31-week schedule technique" are ROGER BARTLETT, left, and DAVE DAVIS of Purchasing Dept., 3U.



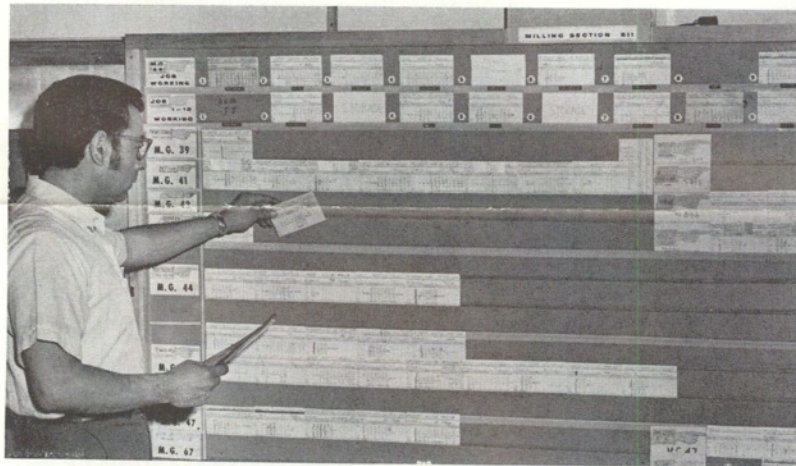
LLOYD NELSON (4U) relies on "31-week schedule" to reorder component parts from Microwave shops.



MARSHA MITCHELL'S nimble fingers rapidly post closed work orders pertinent to Kardex for Bldg. 4U.



QUALITY CONTROL at its best begins with the individual operator. Shown applying the theory is ART SCOTT of Machine Shop, Bldg. 4L.



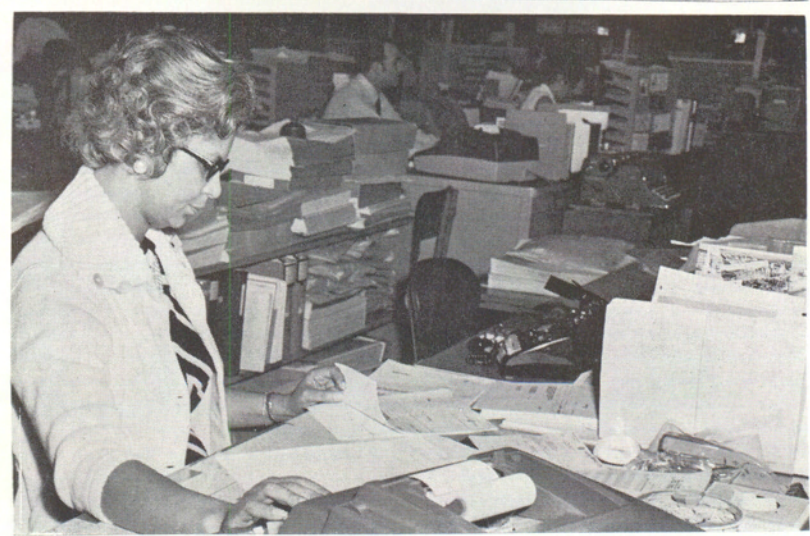
VIC MUNOZ sequences work order routing card in Machine Shop, 4L.



MICROWAVE'S WEEKLY GANTT CHART meeting shown using "31-week schedule" for daily planning requirements of final assembly areas. Left to right are Master Scheduler WAYNE CALDWELL (4U); Line Leaders FRANK WARREN, DAN SCHENKE, and TOM JEFFERSON; and Section Managers BILL KEILIG and SAM TERESI.



SYLVIA DE LA ROSA shown processing billing and collecting accounts pertinent to Microwave's customers.



ETHEL GREEN processes accounts payable to vendors for purchased materials used in the manufacture of Microwave instrumentation.

Production Control

(Continued from page 6)

order parts" on arrival to the stock area are immediately counted, packaged, and stored away until the line leader triggers the "tab pull" cards for the run of instruments that the line assembly plans to build.

The work order is closed by the production clerk typist after the stock room sends up the work order copy that they received with the work order parts. The production control typist posts this information in the kardex for the production control scheduler, thereby letting him know what parts he now has in the stock room.

The production control scheduler uses the 31-week schedule to write the work orders needed for the assembly of the instruments. The final assembly is the *proving area* of the purchased parts scheduler, the production control scheduler, plus the machine shop and sheet-metal shop personnel who expedite the parts to the stock room on the due dates requested of them by the master scheduler's 31-week schedule.

Weekly Meet—

The master scheduler and the line leaders hold production meetings once a week to discuss any changes in the due dates for the final assembly of a given run of instruments. This results in the final adjustment of the shipping dates for the customer's instrument. The final adjustment dates are then scheduled on a day-by-day schedule of assembly and test on the four-week Gantt (daily operation) chart.

The Gantt chart gives the line leaders their pull dates for the parts needed for final assembly of the instruments. The line leaders next send the computer tab card (issued with the assembly work orders), to the stock room for the necessary parts needed to build the run of instruments.

The personnel in the stock area pull the parts ordered by the line leaders for final assembly. The parts are then gathered together in a staging area, and from there shipped to the line assembly section. If a part is not in stock, the stock room will issue a back order tag for that part and indicate how many parts are needed to fill the run quantity. The back order tag then is sent to the production control kardex for posting. The kardex is marked to show that this part is out of stock and on back order. The clerk then checks the various shops to see what is delaying the parts. If it is a purchased part the line leader then checks with the purchased parts scheduler.

For Want of a Nail—

Unfortunately, an assembly of instruments may be delayed for want of a part that might cost a dollar or less, whether machined or purchased.

The test area next obtains the finished instruments from line assembly to make certain adjustments necessary to meet operating specifications for that particular instrument before turning it over to the in-plant engineers. This group serves by helping the line assembly and the line test areas eliminate line assembly problems and line test problems.

The instrument is next shipped from line test to final test inspection for a final test check.

The instrument then goes to the packaging area where it is "buttoned up" and sent to the shipping department.

Finally, the shipping department prepares the instrument for transportation to the customer. The timing cycle of the allotted time to build the instrument now is complete.

Thanks to Maintenance!—

The maintenance people during all this activity have kept the areas well lighted and free of dirt in the work areas to make the process of building the instrument easier for all the production people. They also have delivered coffee and donuts in the morning and coffee in the afternoon, thus giving everyone a ten-minute break to renew his energy to meet due dates required for all work orders currently in process.

Each work order that is closed is ul-

Tau Delta Tau

By PAT SMITH

Curiosity—

As good old Pasquier Quesnel said, "Men are more inclined to ask curious questions than to obtain necessary information." How many of you read this column monthly wondering if there really is such a club in existence? You want to join, but you just don't know how to go about it? The best way is to come to one of our meetings. We meet the third Tuesday of every month, at the home of a member. Every woman affiliated with HP is invited. If you are interested, but don't know what to do, give me (Pat Smith) a call at 969-1646. I'll help you out.

New Members—

There were two new members at last month's meeting: Carol Walcko and Dorothy Shields. Carol and her husband, Neil, transferred over from Lockheed. Neil is with Data Processing on Page Mill Road. The Shields have been with HP for many years. It just took Dorothy a little time to take the big step! We were very happy to see them and hope they continue on. They both showed a great deal of enthusiasm and ideas.

March Meeting—

You really missed something if you weren't at Marlyn Rasmussen's home for our March meeting. You missed seeing Marlyn in baby dolls, and Suzanne Band in floor-length dresses. It was an evening full of laughs, followed by delicious punch and cream puffs! Thanks to LeVoy's for all of the lovely lingerie. It was "a really big shew!"

May Meeting—

The May meeting will be held May 20. We have decided to take on a service project and we are open to any suggestions or ideas. If you have a favorite charity or know someone who needs help, please join in and tell us about it.

Jeri Cross has headed a committee to plan for guest speakers from volunteer bureaus. We will have a speaker at the May meeting, so let's try to have a good turnout to show our guest we are interested in helping.

June Meeting—

BIG SURPRISE! So big, in fact, we aren't quite sure what it is ourselves. But we do hope to include the husbands. You'd better not tell him quite yet; he may not be able to stand the suspense!

New Name—

We're still trying to locate a name for the group. Anyone suggesting an appropriate name can be the club's mascot.

Think Pazazz!—

We like to see new faces at the meetings. Lots of new faces. We aren't particular. We don't care if you've got moles, warts, loose dentures, rough red hands or split ends. All we want are friendly people with some pazazz.

Remember, Confucius say, "She who joins Radies Club has rots of pazazz."

* * *

Keep your nose to the grindstone. The shorter it is, the less trouble it will get you into.

timately checked by the Accounting Department to see how much labor was used and how much the material cost to make the parts called for on the work order.

If the timing of the work order has been right and everyone has met the due dates on the specified work order, HP will have provided a work order of quality parts in a minimum amount of time.

However, the job isn't finished even after the instrument leaves the plant. Two more departments are involved with the completed instrument. They are Accounts Receivable and Accounts Payable.

Accounts Receivable bills the customer for the cost of the instrument and collects the money for the ordered unit. Accounts Payable uses some of the money collected to pay for the materials and purchased component parts that were used in that particular instrument.

IN CONCLUSION Production Control

Delcon News

Reporter: THELMA PARRETT

Back in the Saddle—

I do apologize for not submitting a column on Delcon last month. Illness prevented me from doing so; however, I now have much to bring you up to date on.

Fred DeVilliers of our Drafting Department has an addition to the family: brand-new baby boy. . . Sheridan McGarry's new baby boy, Shannon, had a short stay in the hospital and am glad to report he is like new again. . . So much for the baby department.

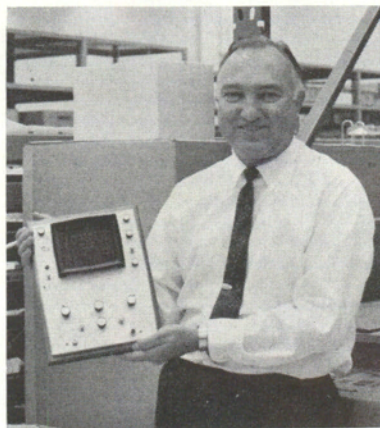
We were all so sorry to see James Bradfield leave HP; he went on to a new position as manager of sales in a local electronic plant. Brad's smiling face and wonderful sense of humor will be missed around here for quite a while. . . His replacement is Larry Collmann, who is transferring from our field office in the east and is a welcome addition. Larry and his family will be moving to California in June. . . We have another addition in our sales department, Mark Runyon, who has transferred from Palo Alto and will be working on our technical manuals and literature. . . Also joining the Delcon family are Jeff Carr in the receiving area, Douglas Sherman working in test, and Sandy Rodriguez in Assembly. . . My, my aren't we growing fast! . . . I almost forgot to mention Marie McConnell, who transferred from Palo Alto to our assembly department; she has worked for Delcon previously and we are all glad to see her return.

Family Man—

The assembly girls have all been working so hard and for such long hours that Chuck Mabler has been thinking of setting up visiting hours for their families. That Chuck—isn't he the thoughtful one? . . . Ethel Scott of our assembly department is now Mrs. Ethel Simin. She is planning a short visit to her parents soon to help them celebrate their 50th wedding anniversary. . . Your reporter's daughter, Diane, was home on leave for a week and a half. Diane is a WAVE in the Navy and is currently stationed at Jacksonville, Florida. . . Helen Keys is in process of remodeling her kitchen. That's one place where a woman spends much of her time. We hope to hear of some brand-new recipes now that Helen has a brand-new stove. . . Eunice Williams' son was home for a short visit. . . Arlene Frigerio's daughter, Christy, is home from Mexico and is working at El Camino Hospital.

Delcon has a new general manager, Brian Moore, who transferred to us from Pasadena. We all wish him a lot of luck on his new assignment. Brian replaces Gordon Eding, who will now be concentrating on HP's Mountain View division exclusively. We all have much to thank Gordon for, and would like to take this opportunity to do so. Gordon has promised to drop by and call from time to time to say "hello."

Well, I will leave you with a thought for today: "Experience is what makes us recognize a mistake when we do it again."



GORDON EDING accepting plaque from Delconites of Model 4920A Coaxial Fault Analyzer, inscribed to Gordon in appreciation.

involves individual people, communicating with one another, cooperating with one another, and planning with one another to make an instrument become an instrument to solve another person's individual problem of the moment.

HPA Diodetribes

Reporter: LINDA BURKINSHAW

Calling 3.1416 . . . !—

Pi, as in R², is the name of Dave Giuliani's quarter horse. Dave has dreams of racing her, but maybe he'd better use her for transportation instead. Dave recently test-drove a Cougar and while he was letting her rip on 280, the hood flew off. Dave, you'd better stick with your mare; the Cougar would have been a nightmare. . . How to enjoy a great meal in the City for \$2.50 or less — are you interested? Charles Liechte, our Swiss gastronome, has scoured every neighborhood and has made some discoveries to delight any glutton. See Charles for more details. . . Speaking of consumption: 150 pitchers of beer were drunk at the beer bash held last month at Old Heidelberg, and that's not all that was drunk.

Great Fun Ahead—

HPA's picnic at Little Basin will be exclusively HPA this year. Instead of having 3,000 picnickers, 2,500 of whom you don't know, it will be strictly HPA and families. Plan ahead for July 19. You may volunteer your services by contacting Bill Bloom, Picnic Chairman, or, if called upon to serve, don't hesitate. It's great fun!

Play Ball!—

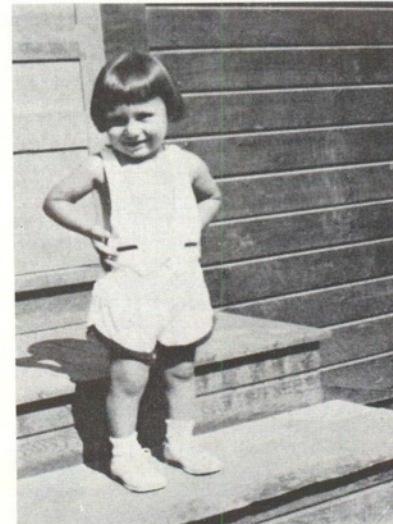
It's spring training time and our softball team is in full swing, practicing to compete in the "C" League. Al Reis, manager, predicted the lineup to be as follows: pitchers, Hal Anderson and Al Reis; catcher, Frank TerKuerst; first base, Ron Wray; second, Dave Wooster and Gary Yamashita; third, Jim Black and Nick Mardesich; short stop, Neal Sandler and Ray Morris; roving short, Tom Fajardo and John Amavanti; left field, Alan McGee; center, John Maher (Mary Lee's husband); right, John Snyder. . . When the game schedule is published, see any of the team for details. Unwind after work with a beer, and let these guys entertain you.

Going Places—

Ernst Thomsen, son of Boy Thomsen, was the second place winner in the Bay Area Science Fair. His project was, "The Effect of Pressure on Sound Waves." This boy is going places. If you remember, he also won \$200 during the Bay Area Engineers Week. . . Have you noticed the sexy male voice with the foreign accent over the paging system lately? It belongs to Paul Scerri of the Plant Maintenance Group. Paul is learning to operate the switchboard in case of emergency. . . This way, Bonnie can "duck for cover" and Paul can take all the incoming calls from customers?

Who? ! ? !—

Last month, the Diodetribes Mystery Person was Sharon Delgado. It was guessed by Pam Owens and Marcia Tobias. Some of you don't seem to know as much about Sharon as you thought. All of the clues were true (nothing was changed to protect the innocent). . . This month, I'll let a picture tell the story:



Guess who this picture is of, and you'll join the fish-and-chips-for-lunch-bunch. Submit your guess on the coupon (next column) to the Receptionist, Bldg. 10. No phone calls, or you're disqualified!

Enter a Killer!

By AL DOYLE

Lockjaw Still Lurks—

Winter's demise and the coming of blue skies means we can all look forward to getting outside and doing whatever pleases us, whether it be leisure activities, sports, or just hacking away at the weeds. These activities most likely will lead to some cuts and scratches for most of us, but even in the age of wonder drugs lockjaw (tetanus) is still a killer that cannot be overlooked.

Facts about Tetanus—

Lockjaw kills 50 percent of its victims. Tetanus bacilli can enter the human body through trivial wounds that may require no medical attention. The first symptom of tetanus may be restlessness, irritability, and muscular stiffness in the jaw, neck, or limbs. By the time these symptoms occur, the tetanus poison has reached the nervous system and the victim is beyond medical help. The victim's jaw becomes clenched and his neck, back, arms, and legs become stiff, arched, and extended. His overall appearance becomes similar to a giant bow. . . he is bent backwards and held rigid by muscles of the back and chest. As the disease progresses, violent convulsions become more and more frequent. These convulsions are violent enough to actually crack vertebrae in the victim's spine. Death usually results from asphyxiation caused by the convulsions.

Prevention—

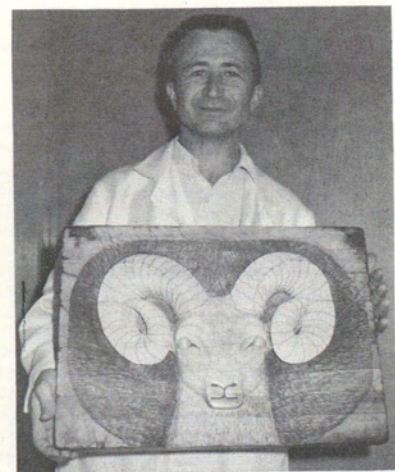
Immunization that is inexpensive and close to 100 percent effective is available to everyone today. Yet it is estimated that fewer than one-third of our children have received the vaccine that protects against tetanus. Consult your physician about protecting yourself and your family through proper immunization now!

My guess for the Diodetribes Mystery Person is:

Signed:

Of This and That—

Marcia Ralston came down with asthmatic bronchitis four days before her wedding. The doctor said she could get married only if she got a lot of bed rest. . . Elsie Hedley out-Claired Claire Bosma—she dropped a bottle of rubber cement (no top) into her purse. This type of stunt is usually done only by Claire. . . Sharon Gantman visited Scottsdale, Arizona, and got started on a tan. . . Dick Sosbea and family spent a week skiing. He also went to Arizona and climbed Camelback Mountain with Dave Weindorf. . . Dan Piegari will be guest of honor at a bachelor party given by Jim Girard. Dan will be married in Chicago on May 10. . . Our art gallery will be showing paintings by Ann Hicks, wife of Bob Hicks. She has been painting for five or six years, uses mixed media, and does seascapes and landscapes. You're welcome to visit . . .



Roy Morris and his R.A.M. (his initials). This was Roy's first attempt at wood carving (see above "cut"). It was done on a cutting board salvaged from the kitchen of a Liberty ship and Ray had to reglue the board before starting his whittling. His daughter, Monica, did the original sketch from a newspaper ad. Roy's next project is to carve a dolphin on an old hatch cover he found washed up on the beach at the Sea Ranch. His talent is coming out of its hiding place!

Paeco News

Reporter: LOIS TOLAND

Swing Shift Events—

Charmaine Berry and husband acquired a new family member, I. W. Finn—no, not another cat, a puppy dog . . . *Darla Vierra* tired of hitch-hiking and changing tires, so she traded her lemon on a '63 Olds . . . *Gloria and Al Norris* are infantspecting . . . *Juanita Minjares* has a second job—driving a tractor on weekends for her family on their own ranch . . . *Sumi Okashima* called her husband at midnight on April Fool's Day and had him come to work to fix the car 'cause it wouldn't start. Well, Sumi didn't have the steering wheel locked, and, realizing her stupidity, she said, "April Fool!"

In deer season hunters, get deer; out of season, deer get hunters. It did happen to *Vic Sorge* on a trip to Monterey (which cost him \$275) to repair his Volkswagen . . . *Carol Bravo* spent her vacation moving into a new house; she probably wishes she had another week to recuperate . . . *Lois Robert*, who has four children, is excited over being a grandma for the first time; it will be soon . . . *Karen Wiess* is leaving us soon as she and husband are moving to Oregon country . . . *Margie Conley* is little and so is her bowling average; eat more spinach and put muscle in those arms like Popeye . . . *Winding's Alice Fullerton* was given a surprise birthday luncheon by a few of her friends (years not mentioned). She received a doggie bag filled with goodies; the joke behind it relates to the fact that Alice eats all the time, so just thought we'd help her along.

Jean Bittner and *Dorothy Wallace* are back in their old stomping grounds, on loan to winding from P.C. . . . *Millie Moyer* has a beautiful Chevy Nova, topaz gold . . . *Joan McDonald, Lorna Dickey, Gertie Rudolfi, Kay Campbell, and Anne Perovich* went to *Mae Sturb's* Bon Voyage party, then out to dinner; had a wonderful time . . . *Carolyn McKenzie* has a problem—her little girl can open the door and now runs away. Carol, little girls do grow up! . . . *Bernice Greenslit* just returned from a two-week vacation in Arizona, well rested and ready for work . . . *Ruth Bradfield* is a granny for the third time; Robert Jason arrived at 7 lbs. 2½ oz., April 17 . . . *Gertie Rudolfi* and *Ruth Diehl* are planning a trip to Mexico, but if the price keeps going up they may plan on joining *Lois Toland* for that vacation trip she is planning to Alviso.

The *Noury* family is really happy; their son is home on leave from the Navy until at least the end of May . . . *Judy Frabm* has been wearing her hair up in curlers and says she doesn't go any place. Now, Judy, you don't get all prettied up just for yourself! . . . Welcome back to *Mary DeZordo* after a six-week illness . . . *Lola Stowe* and hubby will soon have their home just to themselves. Son Roy was married February 15 and now her daughter is announcing her engagement, to be married October 25 . . . *Bev Lera* has 71 days left until her vacation and what a vacation—she is traveling across the state of Nevada on horseback!

Gino Canderle and wife spent a week traveling in Southern California and Nevada; they went to Las Vegas and Death Valley, saw a lot of new country, and came home well rested . . . *Ray Estienne* is a daddy for the second time; it is a girl and they named her Maria Margaret. She arrived April 19, weighing 10 lbs, 2 oz. Congratulations! . . . *Ken Bundy* is leaving to go to Omaha and back to school. Lots of luck, Ken! . . .



DIANE AALMO (seated) has transferred from Paeco to IU. Building 15 will miss her and hopes she will occasionally come and visit. Pictured from left to right: DONNA TREKELL, MICHl MINAGAWA, TONI MEFFORD, Diane, CONNIE FREED (behind Diane), KATHY BELTON, PRISCILLA BUMBACA, and SHARON WINSTEAD.



PAECO'ITES above held a Bon Voyage vacation luncheon for MAE STURH prior to her departure for Hawaii, April 4. In fact, from hot peppers to raw fish! Left to right: NONA MILOVINA, ALICE FULLERTON, BILLIE PIVAC, LOIS TOLAND, MARIE GRUENBERG, DALE HER-SHEY, and RICK McCUBE.



LEE HOOKER and MARIO SARTI, from Paeco Cables, in a farewell handshake, Lee has left to go into the trucking business. Best of luck in your new venture!

June Bracisco's German police dog took home first prize in a recent dog show; her first show, too. June is very proud . . . *Monti Simpson* has a new Honda, which threw him the first time he rode it . . . *Yvonne Gish* has moved into her new home, pool and all . . . Understand *Bobby Nakamoto* is a journeyman barber now, so fellas, keep that hair trimmed good . . . Congratulations to *Lois Robert*, who now has 13 years in at HP.

Office Memos—

A welcome to our new girl in purchasing, *Nancy Rogers* . . . *Bill Noeller* is having his swimming pool built for this summer; we're all waiting to take a dip . . . *Bob Johnson's* cat had kittens; congratulations! . . . *Lee Tull* finally

received his boat from Taiwan. It's a 40-ft. sailboat made of teakwood, and is named "Salacia" for the sea goddess. Good luck with your new boat and happy sailing, Lee!



BILL FORNACHON'S and TOM MAUTNER'S Waveguide lines (5L) presented a farewell cake to BOB UHL (on left), who joined the Army last month to become a helicopter pilot. Pictured, left to right, are: Bob, HELENE KOEHLER, Bill, Tom, BILL ADAIR, JIM HELWIG, FRED COLLINS, JOHN BERSCHENS, HOWARD CABEZAS, LEO STEPHENS, AL KOMPST, and STEVE SURICH.

Cast an Eye

By GENE VIDAL

Jimmy Joe Hayes Arrives—

Bldg. 7B has among its esteemed personnel my good friend, *Jim Hayes*, who, in an eight-year state of marital bliss with his lovely wife, Sharon, had long hoped to add a third member to their family of two. The search for the right infant to fulfill the spot for candidacy went on, until finally the notice arrived that a candidate was available and, on March 13, a month-old infant son became the third member of the Hayes' household; very blue-eyed, very boy, very welcome, and very warmly named — Jimmy Joe Hayes.

Dwight Eoff (pronounce "oaf"), riveter in our Buffing Department of Bldg. 7E, is at home with hemophelic ulcer disorder and may be out as long as a month. Dwight is a family man; a former heavy diesel truck driver, he hauled beer from the breweries into Arizona; is well over six feet tall with a neck like an Angus steer; and takes his work quite seriously.

Raul Armendariz, formerly in janitorial services on the Hill and three months with *Frank Funari's* janitorial crew in the Palo Alto Division, became a regular in the riveting and buffing section recently. Raul and his wife and three daughters come from Deming, New Mexico, where Raul worked at the American Lead and Smelting Company as filter operator and doubled as ball machine operator in the huge rock-crushing plant where lead, zinc, gold, silver, and manganese are extracted from ore.

MOTHER

By DENZIL BRADLEY

The modern Mother
Must be quick
To watch out for the trap
That spells frustration all around:
"The generation gap."

She must be groovy,
On her toes,
And mentally alert
To keep up with her growing brood,
Or, surely, she'll be hurt.

If she can make them conscious
That Mother is a friend
Who understands their problems
And helps them to the end;
A person they can come to
Whenever they have doubt
And gain a sympathetic ear,
Whatever it's about,

Then she has made some headway
And should proceed from there,
To handle other things that bring
The gray to Mother's hair.

**LOCK YOUR CAR.
TAKE YOUR KEYS.**



AT LITTLE BASIN, wives of "The Nightriders of Lower Four" show the men how it's done!

Nightriders of Lower Four

By KEN HAMILTON

WELL, GANG, you have a new reporter. Hope he does as good a job as *Fritz*, who has decided to take a rest from his literary pursuit. Not only do we have a new reporter but also a new name. Hope they both meet with your approval.

The Nightriders made a daylight raid on Little Basin a couple of weekends ago and really cleaned up. Literally, I mean. Future barbecue-picnickers can now enjoy a roof over the barbecue pits, installed by *The Nightriders* and their gals. Lots of brush was cleared and a fence that seemed as long as the Great Wall of China was demolished. Mention should also be made, I think, of the goodly amount of hamburgers, beans, pop and beer that were consumed. Well done, fellows and gals!

Paddock Perusal—

Vic Lindgren has another plane! Airplane, that is. His third, it's a 150 Cessna, and Vic says he is going to log a lot of hours this summer (see photo) . . . *Don Ozapka* is soon going to make a big splash; he is waiting delivery of a new boat. According to Don it is a beaut. More details next month . . . Congratulations to *Ernie Bosser*, who made Journeyman Machinist. Ernie works in the lathe section. All journey-men welcome you aboard! . . . If anyone has noticed the strange, dazed look on *Armand Romero's* face lately, here's the reason: Mrs. Romero is going to give Mr. Romero a special gift at any moment. More details next month, I'll bet! . . . Sour Note of the Month: *Al Caesar* is in Sequoia Hospital for surgery. The gang took up a collection and sent him a few goodies to brighten his stay. We all miss you, Al; speedy recovery, and get back on the job soon!

Chatter Round-up—

Yours Truly has quit smoking! Went to Cancer Society and got some I.Q. (I Quit) buttons. Anybody who wants to join the IQ Club let me know. You get a FREE IQ button, your name in this column, and the 40 cents you saved from the non-purchase of the smokes!

"And when you retire from good ol' HP,

Just think how much happier you will be."

Besides, "misery loves company," you know, so come on, fellows, help me get rid of these buttons . . . FLASH: April 23! *Dick Mauer* of Screw Machines decided to wear an IQ button. Welcome to the club, Dick! . . . Now—who's next?

WATT'S CURRENT

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