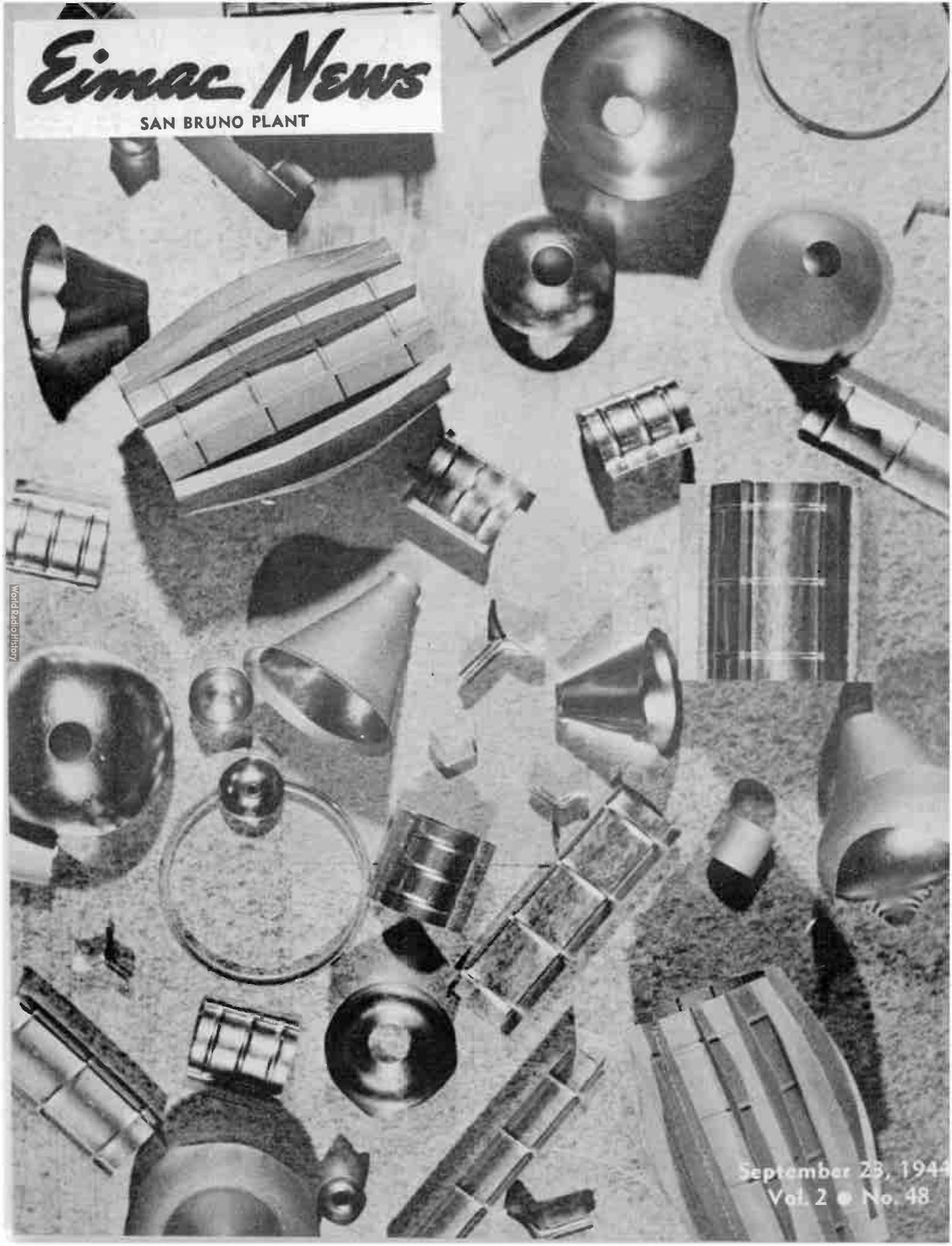


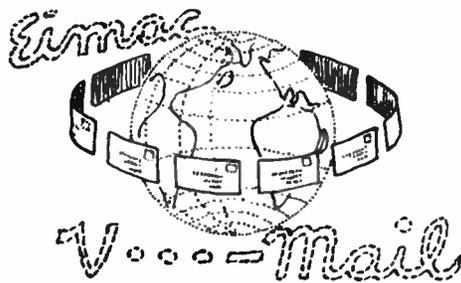
# *Eimac News*

SAN BRUNO PLANT



World Radio History

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# EIMAC NEWS

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EITEL-McCULLOUGH, INC., SAN BRUNO, CALIF.

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(*Pvt. Bill La Badie with the Army in the Pacific war theater wrote the following letter to Clara Cross, day shift Spiral Filament employee.*)

Some where in New Guinea,  
March 20, 1944.

Dear Clara:

Your letter dated February 15th was delivered today and brought to us our first mail call in about four weeks. In my last letter it was "Somewhere in the Southwest Pacific" just before shoving off for action and arriving in New Guinea.

After the brush was cleared of our worthless foes and a bit more safety assured, our large pyramidal tents and baggage that was left behind finally caught up to us. After clearing an area we put up our tents and cots to sleep on, which was a treat after being in a hammock for several nights. To be out of the rain, with a good shelter over our heads and the cots, was just like a well balanced double feature program. Everything in general was rounding into shape and getting comfortable when all of a sudden it was pack again and on the move once more.

Drill hours are again in effect which takes care of the cleaning and upkeep of our equipment, with always constant improvements in regard to our living quarters. When I spoke of a rest area that is only the general title, but by no means does that put a red stop light to breaking up a man's rest during the night with those constant air raids. The past two nights they must have had a two-day dance with their nurses up above because they haven't been around. Several nights before they must have been mad at us because they were raising particular hell around here. Woke up one morning last week about 4:15 and heard a drone coming in closer and closer. Somehow or other I just froze to the bunk. No warning was sounded and I knew it was too late to get out and into that fox hole. I guess they were going so fast and in such a hurry they didn't see our little settlement because nothing happened. The other night was also another special feature. They started dropping bombs all around us. We are pretty used to all that, but those interruptions with our sleep is the important factor, because after all we still have to get up at 6:45 a. m. every morning.



On leave from his camp in Arizona, Corporal Al Echols, a gunner with the Army Air Force, stopped by to greet his former Glass department cohorts

This noon a fine steak dinner was enjoyed, breaking the monotony of those bully beef and vienna sausage specials. Down below, fresh meat comes in about every day, but only once a week does it get this far. They send meat and fresh butter in on the large air transports.

Yesterday after chow (noon), I went down to the river where it empties into the ocean. After a short swim across to the other side, we go surfing in the ocean where the beach has a nice coat of sand. Some of the boys were already there and were picking some nice size fish out of the breakers and off of the shore. With no rod or reel, we have our own means

of bringing them to the top which would be against the game warden's wishes back home. A little underwater pressure and up they come. Last night about 9:30 we had a fish fry and I mean they were really delicious. In case some curious minded fisherman should inquire as to what kind we have around these waters, they were: tuna, sea bass and bonita. Just looking out of the tent to my left couldn't help but notice a young rebel from North Carolina hacking away on the outer part of a cocoanut. It is a very tasty snack to have around and certainly have had my share since being up here in the islands.

(Continued on page 4)

# Who's Who At Eimac

DAVE SNYDER

Typical and yet unusual was the incentive which brought Dave Snyder to California and to Eimac. "Itchy" feet and an intense allergy for snow storms and sub-zero weather prompted Dave's move to San Francisco in 1926. Born in Illinois and reared in Texas, Dave has spent a great deal of his time in the Western states prior to his decision to move to the Coast.

Upon graduation from high school he was employed as a brakeman with the Union Pacific Railroad and in this capacity traveled throughout Wyoming and Colorado. Here he developed the allergy for cold weather, and after enduring seven consecutive days of weather 22 degrees below zero, he and his family moved to California.

Topographical drafting and civil engineering have been Dave's chief fields of occupation. His interest in radio developed in early stages; however, he did not receive his license to operate on the air until he joined the ham operators here on the Coast. He went on the air with the call letters W6ZS. Along with many other amateur radio operators, he looks forward to the day when the military security restrictions will be lifted and hams will again be permitted to be on the air.

In March, 1943, Dave Snyder came to Eimac. He is employed in the Construction department where he competently fulfills the dual capacity of draftsman and engraver. His work pertains to designing as well as meeting the endless duties involved in construction maintenance.

Prior to his employment with Eimac, Dave spent thirteen years with the Pacific Gas and Electric Co. While employed with this company, he was attached to the land department in the capacity of topographical draftsman. He was responsible for the entire computing and mapping of details for projects such as the Drum Flat Tunnel and the three tower transmission line from Pit 5 to Montgomery Street in San Francisco. Dave had no technical training other than what he absorbed in high school, and his past success is due wholly to his initiative and ability to forge ahead. Dave agrees that experience is the best teacher. Since his employment with Eimac he has spent considerable hours designing and building a diamond saw for departmental use. He is particularly interested, along with well-learned, in lapidary equipment. The latter is in close collaboration with one of his hobbies.

Hobbies play an important part in



Dave Snyder—a man of many talents

Dave's life. His chief problem seems to be finding time to indulge in developing them. His greatest ambition is to have a work shop, complete in equipment, in which to spend his free moments with his favorite hobby, the cutting and polishing of gems and semi-precious stones. He plans to design and construct his own equipment. This ambition is slowly, but steadily materializing and he expects to carry through his plans when time and priority permit.

Dave's interests, free from constructive design and labor, include all outdoor sports. Fishing and hunting are his favorite pastimes. He is a member of the Construction bowling team and his average of 140 proves he undoubtedly has a knack for precision as he releases the ball!

The most startling revelation in the interview with Dave was the knowledge that he has two grown children and is expecting to become a grandfather this fall. Write it down in your memo, fellas and collect that "stogie" when the event takes place!

—by Clara Wheatley

## CIVILIAN COAST GUARDSMEN NEEDED

The United States Coast Guard, Volunteer Port Security Force, which has been successfully operating for more than a year on the piers and docks of San Francisco, is forming a unit for local service on the Peninsula.

An opportunity for men between the ages of 25 and 65 to serve their country in the uniform of the United States Coast Guard on a temporary basis and without interference with their civilian occupations, is being offered by this new unit, which will be limited to 105 men.

These men serve 12 hours each week, without pay, in order to release regular Coast Guardsmen for sea duty. Anyone interested in giving some leisure time to this work, may secure full information by telephoning the San Francisco headquarters at Douglas 0842, local 276, or by calling in person at Room 634, Appraisers Bldg., 630 Sansome street, San Francisco.

# Altar Echoes

By Kaye Anderson

April Brockway and Don Wright announced their engagement last August and shortly afterwards started making plans for their wedding which took place on September 10 at 2:00 p.m. The setting was the Stanford Memorial Church and Rev. E. C. Thompson officiated at the ceremony.

April was attired in a lovely white gown, fashioned with draped skirt and train. Her veil was held in place by a crown of pearls and she carried a large bouquet of gardenias. She was escorted to the altar by James J. Cambridge, Jr.

The bride was attended by Mrs. John Downing, Alice Motto, and Rose Caccamo, who were gowned in pastel pink marquisette frocks, and Mary Lou Hackley and Gloria Parker, who wore pastel yellow marquisette frocks. Each carried old fashioned bouquets of mixed summer blossoms.

Mrs. Wright, the groom's mother was

dressed in a pale blue suit with blue accessories and wore a corsage of gardenias.

Standing as best man with his cousin was Alvin Winsor. Ushering were: Dr. Sidney Ross, Henry W. Elliott and W. O. Youngs.

Following the ceremony the couple were honored at an informal reception at the church and later at a party at the home of Don's aunt, Mrs. Grace Winsor.

Alice Motto of Reclamation, was the lucky girl to catch the bride's bouquet.

The newlyweds are spending a brief honeymoon at Pacific Grove, near Carmel.

Don came to Eimac on March 31, 1941. He had previously worked in Reclamation and Chem but is now located in Standards Control.

April has been employed in the Reclamation department since November, 1942.

The couple plans to make a home in Palo Alto.

## V-Mail

(Continued)

On the pole here we have a large stalk of bananas that I wish would hurry and ripen. They are a bit scarce around here as the Japs must have eaten most of them.

Until about two weeks ago, this was the front lines and as you can imagine there was much activity. Standing just a few yards from the road, which is mud axle deep and with deep ruts, I stood there and watched the vehicles roll by. If only in my place stood some of those strike enthusiasts back home that I have read about, they'd realize they are well off. The price of war is expected and the title, "Men Are Expendable," is somewhat correct.

Movies are being shown now about three nights a week, weather and air raids permitting. Last night the picture "Corvette K225" was on but the sound wouldn't let out a peep so the show had to be cancelled until later in the week. The dance band played for about an hour or so and was about the first time we heard them up here for they just arrived a few days ago.

The other morning I finished the book "G-String Murder," written by Gypsy Rose Lee, who isn't such a bad writer. Reading is quite a pastime around here.

Today it was 120 degrees and boy that is hot. Not just one day but every day and a person has to take it easy. Horseshoes is about the only sport we participate in around here and that is only played in the evening when the

Page four



Mr. and Mrs. Wright is the name

sun is starting to go down over the mountain peaks. Some evenings are rather warm but always about the early morning it is mighty comfortable with a blanket.

Again I want to say it was a real pleasure in hearing from you and hope it isn't such a long time until the next time I hear from you. Sincerely,  
BILL.

## Filament Fancies

By Deeny

"1-2-3-shift!" Such is the tune sung by Bill Leonard and "Pudge" Gilbert since they have started rotating shifts. What's more fun than being juggled around?

SURPRISE! And it really was for Velma Corderman. Last Wednesday after swing shift, a surprise birthday party was held at the 960 Club. Velma received a beautiful lapel pin. Those attending were: Elzo Holt, Mary Shea, Betty Burley, Mildred Corderman, Mildred Picca, Issy Cummings, Irene Meltzer, Alice Loughlin, LaVesta McKenzie, Barbara Paine and Verna McCrary.

P.F.C. Ed Ide, husband of Mary Ide, returned home after 22 months overseas. A family reunion was held in Cornell, Illinois, for Mary and her husband.

Ann Silva, Kay Cox and their respective husbands returned after a wonderful week in Los Angeles where they "hit" most of the night spots. Kay returned with loads of charm(s). (\$60.00 worth.)

### Over The Week End

Clara Cross, Vera Satterlee, Grace Forrest and Bonnie Page took their mothers to dinner at the Richelieu Casino. Aldene Shook—went sailboat riding.

The "Pudge" Gilberts—went swimming at Santa Cruz.

### Those Returning

Jane How—looking swell after a few days rest. Marge Dusto and Gertrude Radecker—they spent their vacations resting. Marge in Santa Cruz and Gertrude in San Joaquin Valley.

Let's be 100% for the Christmas Ship Drive! Hundreds of boys over there will be made happy by our thoughtful gifts—each and everyone. Let's send that package tomorrow and assure a "Merry Christmas" to some serviceman.

## "Thanks"

Eimackers,

We wish to thank our many friends at Eitel-McCullough for their acts of kindness, expressions of sympathy and beautiful floral offerings which were such a comfort to us during the illness and later the death of our dear husband, father and brother. In our bereavement it was so comforting to know that Cleve's friends, with whom he was so happy at work, were sharing our deep sorrow.

Mrs. Isabella R. Bandy and Family  
David and Elizabeth Bandy

# News Photographer To Be "Career Girl"

By Alice Motto

Pat Simon doesn't remember exactly when she first became interested in photography. However, it was a long time ago—all of six or seven years. Now at the ripe old age of 20, Pat has made up her mind that after the war she wants to do commercial advertising of women's fashions. But at the present, Pat is heartily interested and very happy with her work in the Lab assisting Buck Rogers with advertising and industrial photography. On occasion, she is photographer for the "press" when Charlie Dole is otherwise occupied.

Pat is a native Californian, having been born in McCloud, California, on March 31, 1924. When she was 8 years old, she and her family came to San Francisco where she attended grammar school. When Pat was of high school age, the family moved to Belmont and Pat attended Sequoia high school in Redwood City. She signed up for a major in science at Sequoia but her interest shifted to photography during her "upper classman" days. Still life and landscapes were her main topics then and she worked with them for, and to her personal advantage. After graduating from Sequoia, Pat enrolled at San Jose State as a photography major.

Pat differs from most girls. Pat will take a "dare" any day. She'll attempt almost anything that no one has ever done before just for the "heck" of it. But so far, Pat has found her way safely through her "spur of the moment" acts.

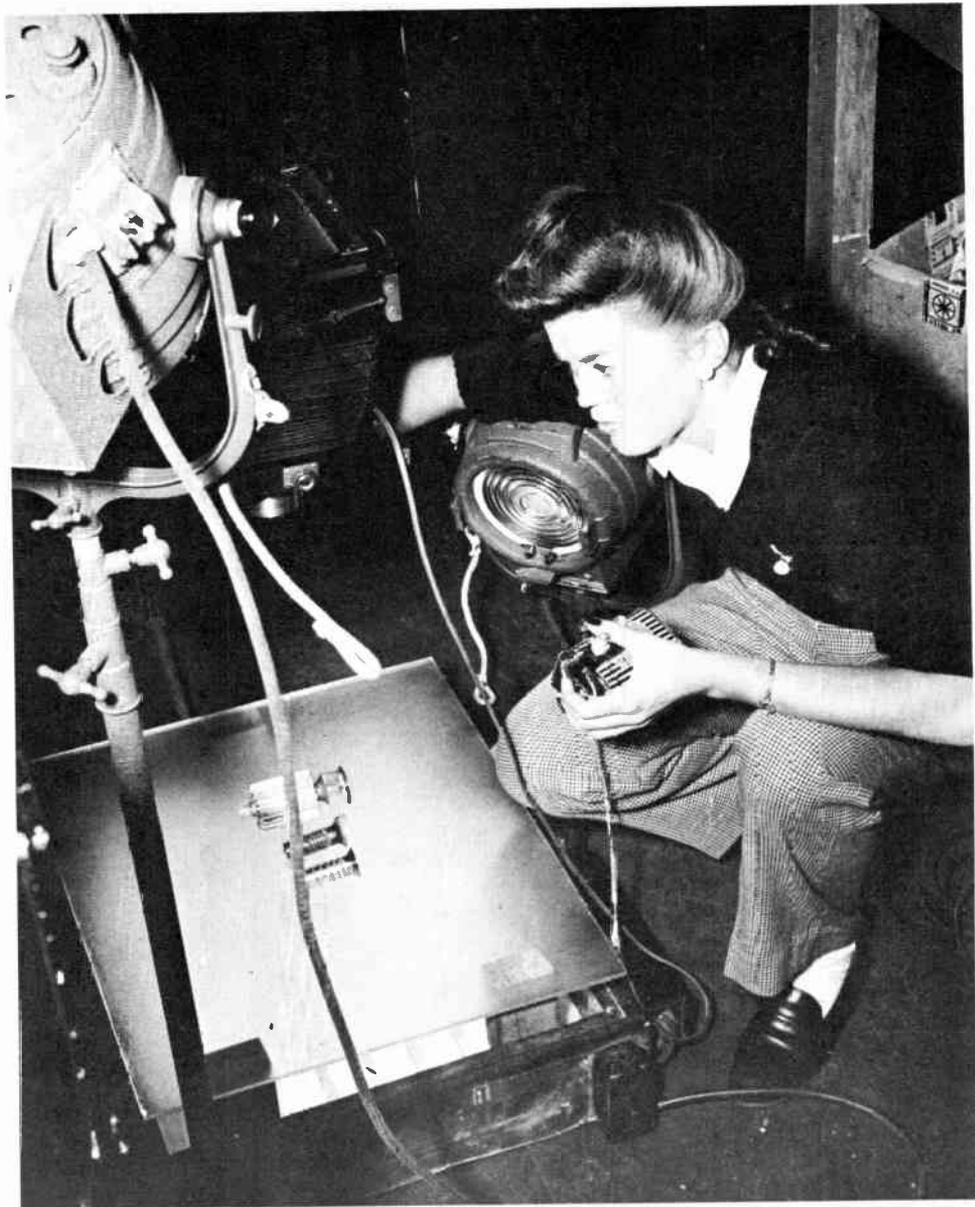
Things are always falling on Pat's head. If she slips and falls, she lands on her head. Whatever Pat has done since falling against the edge of a pool (she hit her head), may or may not have anything to do with her actions.

Comely Pat is single, she swims, plays tennis and skis. She loves to dance, however, photography is still her favorite job, hobby and pastime. Before she will consider matrimony, she wants a career. With her determination and profound nature, Pat will probably succeed in reaching all of her goals.

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## ON THE COVER

are tantalum fabricated products from Eimac's Plate and Punch Press departments on a background of tantalum sheets.



Pat Simon—photography is her hobby, pastime and job

## MUZAK MUSIC SYSTEM USED AT EIMAC

Does your music sound different lately? Eimackers are now listening to "Music by Muzak," which is brought to Eimac by the Muzart Company on a leased telephone wire direct from studios in the Fairmont Hotel on a 30-day trial period.

"Muzak" consists of high quality electrical transcriptions of nation's favorite bands. It also features the latest news reports twice daily direct from the KSFO news rooms. Muzak is available to Eimacker's 20 minutes out of the hour over a 16-hour period.

Planned to augment "Muzak," and recently inaugurated on swing shift on a trial basis, is a daily 15-minute request program. The same program began on day shift Monday. The program is scheduled from 3:00 to 3:15 p.m. in both

the plant and office on day shift and from 10:15 to 10:30 on swing.

Swing shift has greeted this program enthusiastically and if the demand is great enough, it may be extended to two 15 minute intervals daily on both shifts.

Every effort will be made to fulfill requests from the Eimac record library, but if anyone wishes to hear a selection not in the plant collection, he is welcome to bring in his own records.

Watch for the box which will be placed in the Cafeteria where requests should be left.

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The rare metal, tantalum, unknown 40 years ago, is being used in bolts, screws and plates to repair the broken bones of wounded soldiers.

# IN THE SOCIAL REALM

By Leona Moser and Lee Stockton

## At The Day Juke Dance

Hailed as "not so good" the day shift juke box dance held on September 14 at the Legion Hall was lacking in attendance. Swing shifters, who went over to the hall after work, were the "axel that kept the wheel turning." Although the dance was scheduled to begin at 8:30 p.m., in actuality, dancing began with the close of the 11:00 p.m. shift.

The lax attendance at the dance accounts for the social committee's decision to discontinue juke dances for awhile.

Even though the dance was not claimed a "success," day shift social committee members stood their posts. Clara Cross and Kaye Anderson greeted the gang at the door; Pearl Chambers and Betty Llewelyn tended the coke bar; and Bob

Griffin and Gene Gallagher, really gave out with a solid selection of dance records.

## Swing Social Commentaries

First off, Wanda Batinovich of the Inspection department and a member of the former graveyard social committee, was unanimously elected to serve as secretary-treasurer of the swing social committee replacing Dagmar Rosewood, who recently resigned the position.

Topic of the last swing social committee meeting was the plans to promote the annual Christmas Ship for boys in the service who would not otherwise receive gifts at Christmas time.

Members of either of the two committees (day or swing) can supply any information regarding suitable gifts, sizes of packages, methods of wrapping and stickers for the packages.

No packages can be brought in to the plant.

## Swing Holds Prize for Successes

Swing shift still holds the prize for social successes as was again proven last Wednesday when the swing social senators sponsored another well-populated juke dance at the American Legion hall.

Carl Berg flipped the records, Evelyn Adams, Jo White, Muriel Klevesahl, Jerry Percival, Irene Einch and Glenna Felts took turns at the "box-office," and Thelma Botham and Chuck Wellbrock dispensed with soft drinks at the bar.

Movies have been scheduled for next Tuesday at 11:15 p.m. in the Cafeteria. Although the title of the film has not been confirmed, here's a tip, it'll probably be "Charlie's Aunt."



Don't forget your change!



At a juke box hop

## CONSTRUCTION SCRAPS . . . . . by Kay Jacobson

Fred Steffen wrote from Iowa to tell us that he was having a public auction on Sept. 9 to dispose of his remaining personal belongings before coming back to California. Fred felt very badly about missing out on "open house at Eimac." We were sorry, too, because it was an occasion that will be long remembered. Hurry back, Fred, we miss you and clanging!



Bill Kassebaum is back from his vacation which he spent close to home and Eimac. There must be hidden magnets around these parts on account of which Bill dropped by three (or was it four times?) during the week! Of course, Casanova gave a very good reason for each visit but we've learned not to believe everything we hear.



Tom Hall was another one to come back from his vacation. T. C. looks as

though the wide open spaces agree with him and, in spite of not having any luck with what the boys went looking for, they had a good time. The grapevine informs us that Tom did some of the cooking and it must have been a bit of all right or else the others belonged to the "Clean Your Plate Club."



Wonder if Stan Johnson's ear is still buzzing from all of the telephone calls he had while Tom was away? It was a hectic week for Stan, but he came through with no ill effects. He didn't even ask for a vacation the following week.



The word "Construction" sounds like bridges being built, highways being paved and 20-story buildings being erected, but it really isn't always so. Maury Martin and Gil Ornbaun were working on a gadget that we'd bet any little boy, age five or six, would find lots of fun as a

mechanical toy. We've always said and always will, that's what makes the Construction department so interesting. You never know what they're going to build next or what it will remind you of.



Earl Eustace's "erl" business boomed one day last week, and we didn't envy him when he had to change to dungarees, old shoes and go looking for a good sized mop. Accidents are bound to happen but when they're on the "erly" side, no thank you!



Mustn't forget to mention that Don Miller and Rich Lawton did a swell job in telling our guests about the department and its functions on September 9. Don't be surprised if your names are placed on our list of people who we plan to call on again because of excellent past performance.

# Swing Shift Inspection

By Helen and Ginny

**Week End Events or Trying to Keep Cool**  
Jimmy Malone splashing and sputtering around in Half Moon Bay.

Harry Muehlman swimming at the Benjamin Franklin.

Dolma Clarkin painting her kitchen.

Jack Stanton dining at Monaco's.

Ethel Dunbar washing windows (what a way to keep cool!)

All a twitter this week end is Norm Anderson. His brother-in-law, who is in the Merchant Marine, has just returned from Italy.

Maureen Donaldson, the Purple Girl, received a (purple) hula skirt from New Guinea. How about a little dance, kid?

During the last three weeks, we lost four swell kids. Wynn Dudley, after undergoing an appendectomy, had doctor's orders to hold one job only, so she has decided to keep her dancing school three nights a week and to be a good housewife.

Dolma Clarkin is now on her way to New Mexico to join her husband who is in the Army. She was presented with some lovely lingerie and a cake from the department.

Marge Sommerfield left us about a month ago and is now living in Mountain View.

Evelyn Rowe decided day shift was better for her, so from now on the glimpse we get of her between shifts will have to do.

## Vacations

Jack Stanton went to St. Helena to do some fishing, but from what he said, it was so hot all he did was ask the fish to move over.

Wanda Batinovich visited Los Angeles and from what she said, found night life very nice.

Ruby Erickson enjoyed her time in Kansas City, Mo., visiting her folks.

Elizabeth Piazza just returned from a visit to Chicago where she and her husband enjoyed a very nice week together.

We were greatly honored last week by a visit from Chief Pharmacist Mate, Tracy Mathewson, Mel Tracy's nephew. He just returned from two years of oversea duty, part of which was at Bougainville.

We know we have mentioned gum chewing in one of our previous columns but just last week we discovered Mr. Gum Chewer of 1944. He's none other than Bill Tallmon. Boy, he can really knock that wad around and wears out his jaws in the attempt.



## WHEW! WHAT A NAME!

On first look, it wouldn't seem that Eitel-McCullough would be such a toughie to spell, but—though the Eimac News staff (ahem) has yet to suffer embarrassment for mis-spelling on that score, here are a few strange combinations that have come through the mail to various and sundry people around the office and plant that have caused a few snickers:

Eimac	Eimac Tubes, Inc.
Eimac Tube Factory	Eimal Tubes

The above are samples of those who know the trade-name with variations. Then there are those who've really gone "hog-wild" with the Eitel part. Here are some of the astounding ways Eitel has been spelled:

Either	Eital	Eitch
Ditel	Eicel	Eifel
Estel	Itel	Ethel
Eithel	Eibel	Ertel
		'n Eetel

The good McCullough name has come in for its share of distortion, too:

McConlough	McCollough
McCullogh	McCullouhg
Macullugh	'n McCull ouch
McCulloch	

And when the two names get together, wow!

Itell & McKella	Mr. Eitel McCullough
I. T. Culler	Itel & Macullers
Eimac & McCullar	Tel-McCullough, Inc.
	Electel-McCullough, Inc.

Then, there are those who got right to the heart of things and addressed their letters to: High Frequency Heating, and one came in to: Eitel-McCullough, Inc., Att: Electronic Telesis.

And lastly, we understand there have been those—lacking intestinal fortitude enough to try to spell the title so cut out and pasted an Eimac advertisement on an envelope to simplify matters . . . then again, wouldn't you?

# Head Matron Tells Of Experiences

By Wilma Nichols

A native daughter of San Francisco is Annette Conley. In fact, she hied from the fascinating North Beach section. Her fondest memories of her childhood were of the days she and the kids in the neighborhood spent playing in an old abandoned brewery and hiking all over the hills in Marin County.

Her childhood holds another interesting, though not too pleasant, memory—that of the San Francisco earthquake and fire. Though she was very young at the time, the memory of the dead and wounded, of the fire coming closer and closer to their neighborhood and of the awful confusion of the whole tragedy is still vivid. North Beach burned two days after the beginning of the catastrophe, and Annette's family moved farther out to stay with friends. They were later evacuated across the bay where fortunately they had some relatives.

On the eve of the end of the last war, Annette and the rest of the family were in bed when they were aroused by the general hubbub without. They all hurriedly dressed and headed for Market street where they joined in the joyful jubilation.

Annette graduated from Lux high school where she pursued courses pertaining to nursing. She registered for training at St. Mary's hospital and had some of her clothes packed when her father objected so strenuously that Annette gave up her dreams of tending the sick and became a P.B.X. operator instead.

Red-headed, quiet Jim Conley, she met on a blind date. She laughs when she recalls how at that time she thought a redhead was something one definitely did not marry. But, from that blind date on, Annette and Jim "kept company." Two years later they were married. Their married years now total the sum of 21.

The Conleys made their home in Burlingame and with Annette's mother and two younger sisters living with them, life is seldom dull. They've a large yard which keeps them all busy keeping their flowers and Victory garden up to snuff. They also have a patch of herbs, which is a "must," for they like Italian dishes.

Knitting is one of Annette's chief pastimes and she also makes her own clothes when she has the time. At one time she played the piano and sang for her own enjoyment. Even when her mother banished the piano to the basement because its old-time exterior did not fit into their more modern home, she would go down into the basement and bang out a few songs and sing to herself. The piano has since been given to the Red Cross and is



Annette Conley—remembers the S. F. earthquake and fire

## GRID KIDS . . . . . by Hazel

I want to thank "Anonymous" for keeping our column on the beam while I was away spending a wonderful leave with my husband who recently returned to the States after serving 26 months in the Pacific with the Marines.

Ralph Downey returned from his vacation, which he spent at Clear Lake. With such a nice tan, we had to look twice to make sure he was the same Ralph.

Mae Jordheim is also back to work after spending her vacation in Los Angeles with Wanda Batinovich of Inspection.

While everyone else was having vacations, Marion Hayes decided, not long ago, to have her tonsils removed. She is back to work now as good as new.

now giving some GI Joes a lot of enjoyment somewhere . . . and Annette no longer indulges in music except to listen.

The fact that Annette likes people and loves to chat probably accounts for her days here at Eimac being so pleasant. She's been Eimac's head matron now for three years, and "really likes" her job.

Lloyd Sloan is missing from the Grid ranks this week and is having his vacation.

Last Saturday, Club Lido in San Francisco was the scene of a very gay luncheon being held for Lois White, who is leaving the Grid ranks to join the Waves. She was also presented with a gift from all the Grid girls.

Those who attended the luncheon were: Lois White, Louise James, Helen Fisher, Inez Molick, Lois Bancroft, Florence Allen, Edna Amberg, Lee Bartoli, Irene Einck, Alberta Harris, Angeline and Mayme Chyle, Mildred Moore, Lovine Fischer, Angela Zitelli, Marian Hayes, Ann Pavek, Gladys and Rose Kalbakdalen Verna Ramos, Jean Lewis, Donna Eccles, Virginia Davis, Claire Smith and Ella Mae Chandler.

### HERE AND THERE . . . .

We miss the faces of Donna Eccles and Alberta Harris who have been transferred to the Reclamation department—Lee Bartoli celebrated a birthday two weeks ago—"Speed" Smith and Virginia Davis were seen at the Music Box one night last week.

# Kem Kitties

By Bill

It seems months since this column appeared in print but then that anniversary issue made better reading anyway.

News is fairly abundant this time, headed by the scoop that Rene Wilson is leaving us today. We hate to see her go but her better half has reached the point where if he is to continue his contribution to the war effort, it is going to take home-cooked meals and a little woman around to bring out the slippers, pipe and evening paper.

Rene's leaving recalls some of the humor for which she is noted. Remember the time Velma went down to lunch neatly tagged with the inscription: "This Bag of Leads Has Been Inspected;" or the miscellaneous debris which we found in our coat pockets as we left at night? Good luck, Rene!

I seem to have gathered most of this news by eavesdropping. I heard Dotty Murray and Naomi Wilmes in deep discussion about what to send Dotty's serviceman, B. F., for Christmas. I decided to mention it in the column because the Eimac reaches that part of Italy and maybe he can supply a hint.

I overheard Helen Hanson and Cecelia Grener discussing the care of Helen's young'un who just came through a tonsilectomy. I knew they were only a step away from discussing operations so "snuck" quietly away.

Didn't have to use any stealth to learn that Nellie Rea really had a vacation during her week in Las Vegas. That (according to Nellie) is "really a live town."

Couldn't make much sense out of Cleta Moses' conversation. Something about "Little Elf" and "Flying Around" and "playing them across the board."

It seems she makes small investments which pay huge dividends but she told me that war bonds paid better on the home stretch.

Down in the kitchen, the conversation still lingers fondly on the Anniversary Dance. Eleanor Drew, Ralph Conant and Cleta represented swing Chem and succeeded in making us all wish we had gone.

The last of the vacationists are straggling back. Lillian Miller spent her week playing nurse to her husband who had quite a fall; Lillian Brennan spent hers being nursed back to health after a sick spell and Nellie Lucas and Beulah Rochte are still to be heard from.

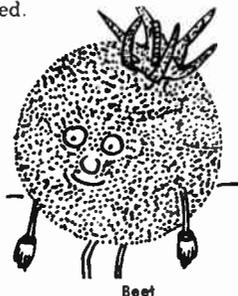
# CAUTION: WINTER AHEAD

You've a personal war to wage! With the nip of winter already in the air, soon those vicious cold bugs'll be watching and waiting for a chance to invade your chassis. Are you in condition for combat duty?

What you eat will determine to a great extent how many colds will overrun your system. Eat by the color-scheme of red, yellow and green and there'll be no casualties, no red noses and skinny pay-checks for work days missed.

Red is for:

tomatoes  
beets  
liver  
berries



Yellow is for:

squash  
carrots  
bananas  
melons  
sweet potatoes  
eggs  
oranges  
grapefruit  
peaches  
apricots

## Chatterbox

By Fay and Midge

Last week Jane Curtis and her son, David, Myrtis Crosswhite, Joyce Acree and Fay Haugen all had a delicious dinner at the "Chicken Shack" in San Mateo. And what fun they had afterwards at Jane's house trying on all her hats!

A slimmer and trimmer Minnie Nichols has returned from her vacation and does she look wonderful!

Letty Disney, Helene Wert, Vi Smith and Edith Carvalho feel as if they have duly celebrated Letty's birthday last Friday night. Dinner was enjoyed at "Kit Carsons" after which "hitting the bright spots" was the program for the evening. Seems "nonchalance" is the answer, when one drives up a one-way street.

We admire Vi Smith's initiative, or something, on entering night school. We'll miss your good bowling on our team, Vi.

For advice on sewing see Wynnie Kreft. That was a mighty pretty little jumper you made for your niece, Wyn.



Green is for:  
chard  
mustard greens  
broccoli  
lettuce  
raw cabbage  
all leafy, green  
vegetables

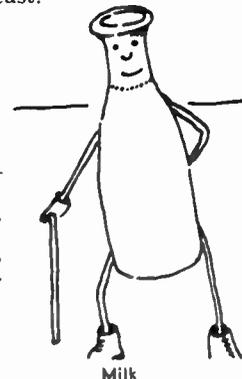
The vitamins accumulated by eating properly are important. They are the first line of resistance to the bacteria and germs that are constantly trying to sneak in through the membranes and linings of the respiratory, digestive and genitourinary tracts. Vitamins A, B, C and D are essential to staying healthy and coldless. They help to keep the membranes and tissues strong and able to fight off all undesirable characters before they can reach the blood stream.

To really keep in battle-trim, you'll need every day at least:

One pint of milk.  
One orange or tomato.

Two other fruits—one raw.

Three servings of vegetables: One raw, one green and leafy and one potato.



So, don't be dumb, chum—hang out a banner of red, yellow and green and eat by it.

Cold capsules are yours for the asking and swallowing. They are available in the First Aid room upon request.



They aid and abet good food in warding off colds, but can't take the place of proper eating!

Would someone please volunteer to teach Larry Headrick the fine arts of riding a motorcycle? If Larry experiences many more accidents, we fear the loss of a foreman. This week, Larry practically finished one good hand.

If the famed Assembly team doesn't pep up we're all going to turn Carpenter fans. Come on you guys. Bob Young hit a 180 average Monday, so how about repeating?

# GLASS CRACKS . . . by Jan & Lupe

What with the golf tournament so close at hand all that can be heard 'round the department are bits of conversation such as: "I spent the evening in the basement practicing my form," says Frank Moos. Don Furgason complains he is wearing a hole in the front room rug practicing his swing. Onnie Cody watching Vic De Pierro practicing his form says, "No, Vic you'll have to spend more afternoons on the golf course."

A few more ardent fans are: Doug Munholland, Leo Ray, Vic Thompson, Jack Williams, Elmer Downey and Sam Bond. Lending a little of the feminine charm to the game are Eileen Williams and Faye Langley. The latter two refer to their game as "chopping wood" but hope to improve with all the instructions they are getting from the above mentioned fellows.

Will the writer of the anonymous note to Vic De Pierro please make herself known before he suffers a nervous breakdown! Could that be what is wrong with his golf form?

Better late than never—we feel some mention should be made about Eileen William's vacation trip to Yosemite. She came back with a beautiful tan, tales of bears and chipmunk sleeping on her cot and some very nice snapshots.

"Gas rationing being what it is," says John Koski back from his vacation, "I spent most all the time around home."

Our first "G.I. Joe" came marching home in the form of Wesley Webster, Jr. He had a coat of tan, had gained ten pounds—but what, no southern accent?

Some people have all the luck and one of them is Jane Dallas. She recently received a box from her husband who is in

the paratroops now serving in Italy. The contents of the box had all the girls drooling and who wouldn't. She received a lovely cigarette case, dress, scarves, jewelry, compact and chiffon finery.

Best wishes are extended to Kay McNeil who leaves us to return to school. She plans to enter San Jose State and to continue work in sociology and later work in social welfare or personnel.

"Love Walked In And Drove The Shadows Away," that's the song that explains why Dorothy Muller came to work so star-eyed (we don't mean sleepy, either) the other morning. The love we refer to is her hubby, Benny, who came sailing home after being out to sea for some time.

Another vacationer back after spending a few days fishing is Jack Smith. Elsie Stephens had a delightful vacation in Santa Cruz and from the sound of it, one week wasn't enough.

Welcomed back after their illnesses were: Keith Bradford, Verna Hoyez and Al Bertetta.

Looks as if we are going to have to peek into the Beaders' cage if we want to see the faces of Barbara da Motta and Flo Shade. Both girls were transferred to the Beading department. Lots of luck in your new jobs girls!

Seen hopping around at the day shift juke box dance were Dorothy Muller and Irma Bateman. Irma recently transferred to day shift from swing.

Spending a very enjoyable evening at the Ice Follies last Saturday was Leona Rath with her husband and mother.

# Day Shift Reclamation

By Bette Ferreira

Reclamation fellow-workers who attended April Brockway and Don Wright's wedding in Palo Alto included: Rudy and Laverne Uribe, Pauline Cunha, Mildred Madole, Irene Mellang, Marie Yoest, and of course, the bridesmaids, Rose Caccamo and Alice Motto. Alice caught the bridal bouquet, so here's hoping for you, Chickie.

## Here and There With the Gang

First of all, we have a proud father in our midst, meaning Mel Provancha who became a first-time-papa last Thursday. Congratulations to Mel, Audrey and baby, David Boe!

Ernie Loewy spent four days relaxing at Boulder Creek recently and came in contact with a wee bit of poison oak which later became infected. He then spent four days unrelaxing at home. Now he is well and back to work.

Mary Nissen is spending her week vacation renovating her apartment and visiting with her son, Bud.

Seen at the juke box dance last Thursday were: Marie Dold, Mary Nissen and yours truly.

Reclamation fellas and gals spent last Friday evening at a wiener roast at San Bruno Park. We had a terrific ball game, and it seems Tillie Ribera and Rose Caccamo kept us chasing the ball all afternoon. Wow! Can those gals hit!

Bouquets to Eva Haverlock for the lovely party she gave in honor of her husband Jack's birthday, Saturday. We had a grand time, Eva.

Belated birthday greetings to Flora Fumagalli, Mary Nissen and Tillie Ribera.

Alice Motto made her first professional singing appearance September 6, when she sang at the Legionaires' annual installation of officers at the Veterans' Memorial Building in San Francisco. Alice was gowned in a beautiful formal with a black crepe top and a swirling white brocade skirt. She carried an old fashioned bouquet which was given her by Nora Brumshall of the Spiral Filament department. Listeners from Eimac included: Pauline Cunha, Rose Caccamo and April Wright (nee Brockway).

Quiet minds cannot be perplexed or frightened, but go on in fortune or misfortune at their own private pace, like a clock during a thunderstorm.

—Robert Louis Stevenson.



# The Eimac Encyclopedia

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SAN BRUNO PLANT

Volume III

Sept. 23, 1944

## THE STORY OF TANTALUM

Tantalum derives its name from the word tantalizing—the result of the many near successful efforts to isolate this material from the basic ores. These basic ores, wolframite and chilligite, are found in many parts of the world among which are the Malay States, Brazil, United States, Australia and Southwest Africa. However, the ore having the greatest value for high

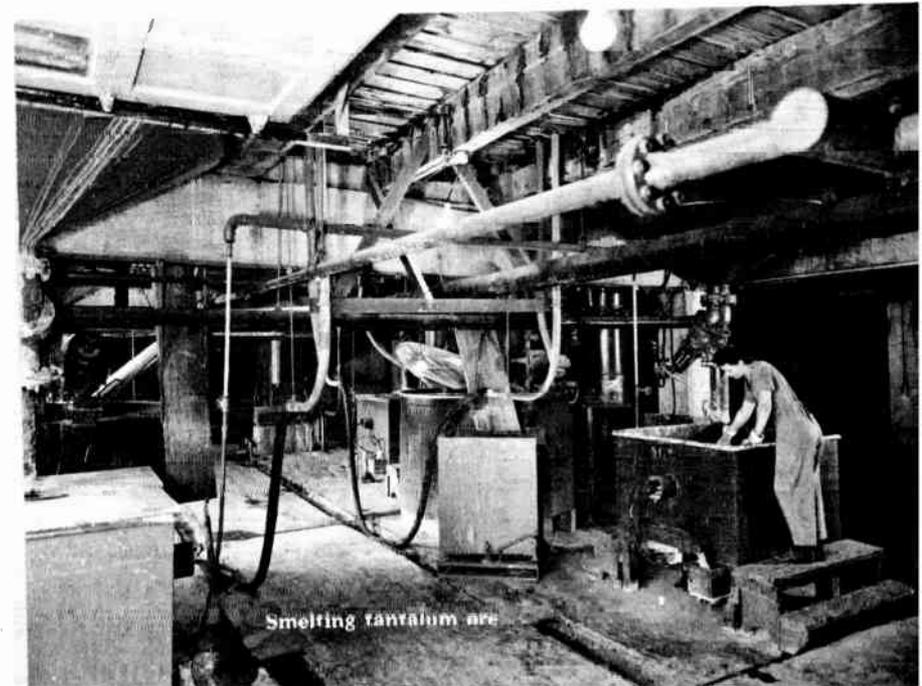
tantalum and low columbiu content is that found in Australia.

Tantalum is a comparatively new material and has many qualities peculiar to itself making it extremely valuable for use in many industrial applications. It is highly acid resistant. When used in vacuum tube it has additional properties of great value, one in partic



places more value on it. Eimac has had to rely upon numerous air express shipments from the Fansteel Metallurgical Corporation to maintain production. For this reason alone, every consideration should be given to the economical use and the reduction to a minimum of any waste occurring as a result of mishandling or carelessness.

Most people think of platinum and gold as being precious metals of high cost and rightly so. This is also true of tantalum. A single gram of tantalum costs approximately 12 cents. As a practical example, the tantalum in a 35T plate, often erroneously referred to as tin, costs approximately 36 cents. It is difficult to impress upon other persons the tremendous amount of effort and skill which enters into the production of even this small amount of material.



Smelting tantalum ore

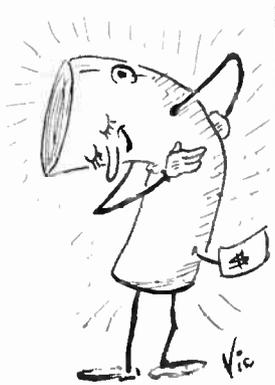


resulting from work hardening and consequent damage to the material.

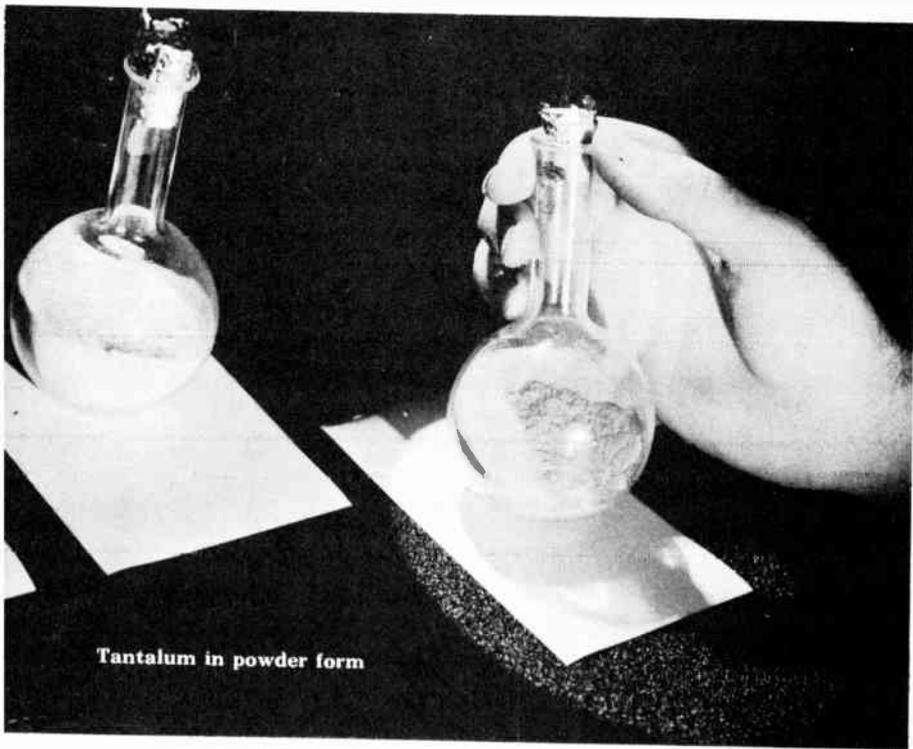
All through the rolling process the material is given the closest attention and all possible means are used to avoid burring the edges or scratching the surface of the sheets being rolled.

Every consideration is given the finished stock to eliminate these surface defects and all persons coming in contact with the tantalum sheet in the near or finished stages wear cotton gloves as a means of preventing contamination through personal contact.

A few interesting comparisons might bring out the value of this material. In the first place it is a highly critical one. Then the fact that the ore has been flown into this country under high priority at the sacrifice of many other strategic items



lar being its ability to absorb those residual gases which remain within the tube after the exhaust procedure has been completed. Eitel-McCullough was one of the outstanding pioneers in the use of this material in the electronic field in spite of the extremely high cost and difficult fabricating problems.



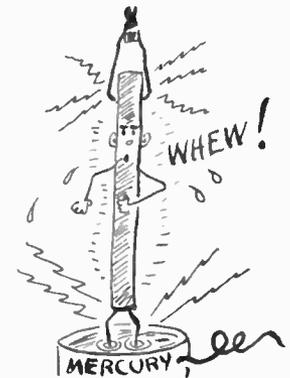
Tantalum in powder form



Prior to World War II, ore shipments from the various world deposits reached this country in a normal way. Following the declaration of war the demand for tantalum increased to a tremendous degree while at the same time shipping hazards increased. The majority of ore was being obtained from Australia. For the

rod or ingot approximately two feet long and roughly,  $1\frac{1}{4}$ " square.

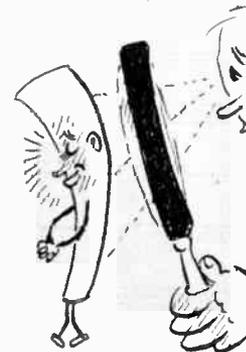
The next step is sintering, where the rod is suspended from a clamp, the lower end held in contact with a pool of mercury by means of an attached fixture and enclosed in a chamber which is evacuated by a method similar to that used in exhausting our tubes. This vacuum, however, is not equal to that required in our manufacturing process. After the ingot has been installed in this chamber and the vacuum created, it is heated by means of electrical current flowing through the bar. In other words, it is quite similar to the heat coil or filament in one of our vacuum tubes. This current, both time and temperature, is varied consistent with the physical characteristics of the bar. This process is repeated three times and between each operation the ingot is removed, now having become a solid piece of metal, the powder particles having been



fused together by means of the sintering operation.

On its removal it is subjected to a straightening and sizing operation by means of a trip hammer where the size of the bar is brought to a pre-determined measurement within .005". This forging operation is essential to maintain an even distribution of temperature as well as to improve the character of the finished bar. During the sintering operation the temperature rises as high as 2000° C.

The next step is decided by the type of finished material needed, either wire, rod or sheet. If it is required for wire, the bars are put through a swaging process reducing their diameter to a size consistent with wire drawing equipment. At various stages during the rolling operation the tantalum must be annealed or heated in a vacuum in order to return it to a degree of temper or softness necessary to further rolling in order to prevent crystallization





Boxes of tantalum sheets being opened in the Receiving room

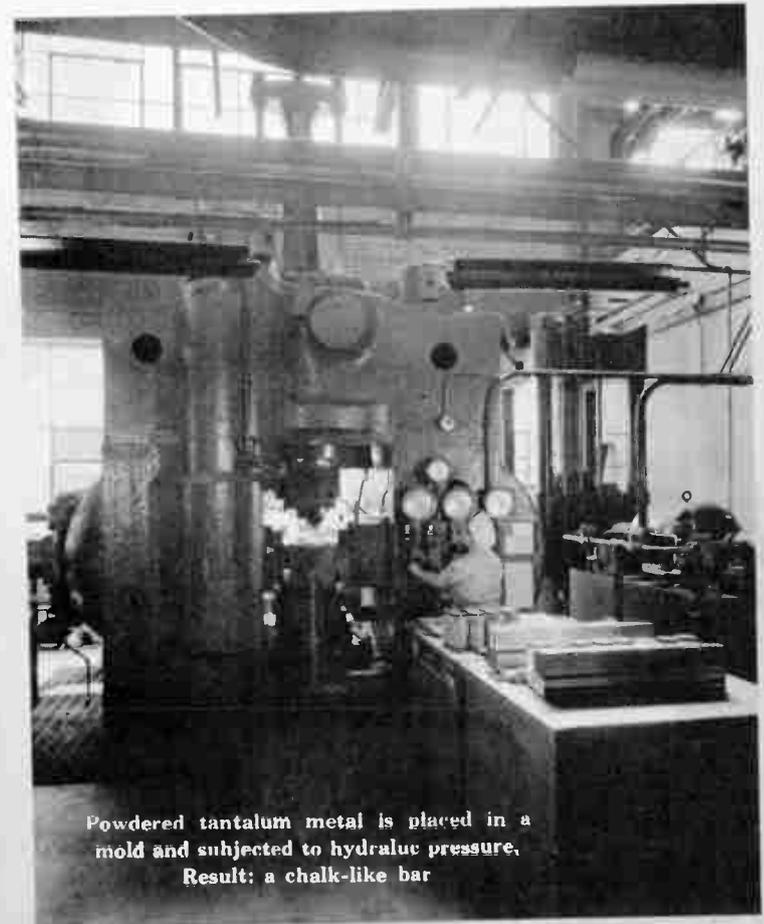
washed with water and then dissolved in hydrochloric acid.

Production chemistry process continues and a complete explanation would be of too lengthy a character to enter into in this paper. It is sufficient to say that the chemical processes result in a tantalum fluoroxide which is subjected to an electrolytic process which end result produces tantalum powder. This powder is subjected to washing, drying and sifting nec-

essary to final blending in order to produce material of the proper character.

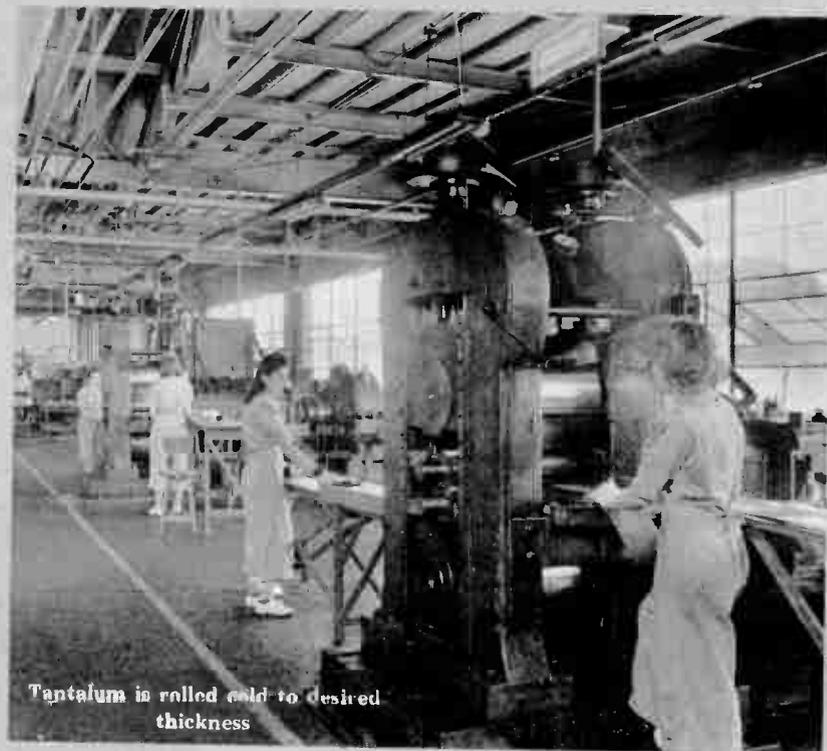
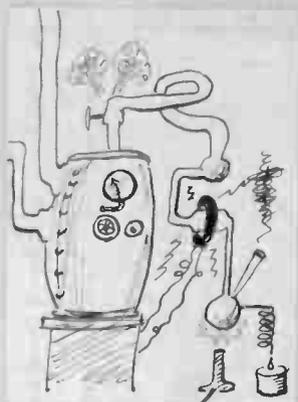
The various grain sizes having been blended, this powder is packed within a die and subjected to a pressure by means of a hydraulic press equal to approximately fifty tons per square inch. On removal from the die the application of the pressure has resulted in the powder being packed so completely by this pressure that the powder has become a self-supporting

last three years virtually all of the ore required in the manufacture of tantalum has been flown into this country, carried on Army bombers and under the highest priority. When one considers the tremendous volume required by the electronic industry alone, the job that has been accomplished by the Army Transport Command is really worthy of extreme admiration and represents an outstanding accomplishment.

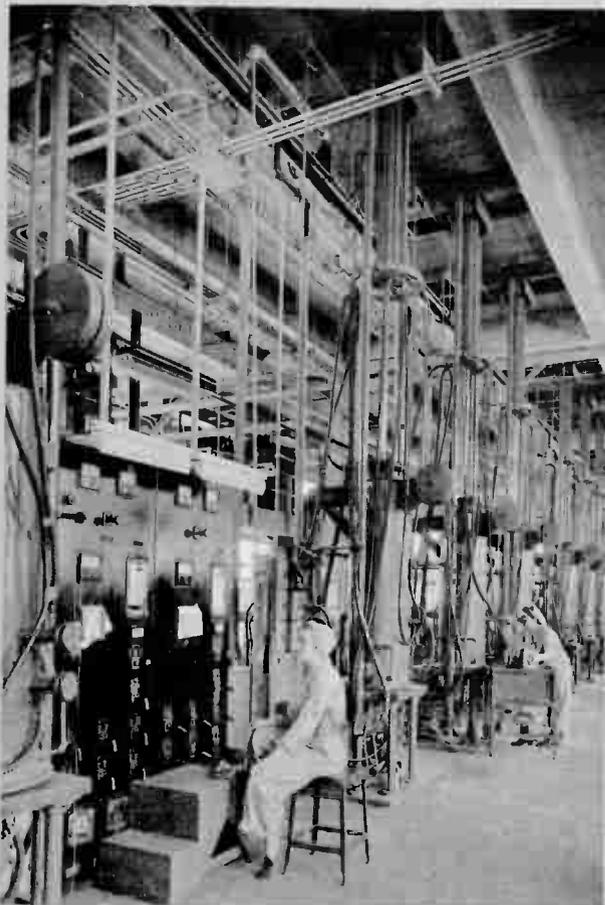


Powdered tantalum metal is placed in a mold and subjected to hydraulic pressure, Result: a chalk-like bar

Upon arrival in this country the ore is processed by the Fansteel Metallurgical Corporation, located in North Chicago, Illinois, which, incidentally, is the only commercial processor in the U. S. A. To cope with the increased demand for tantalum, a new plant was built and put into operation approximately two years ago. These new facilities are of the most modern design and represent the most ef-



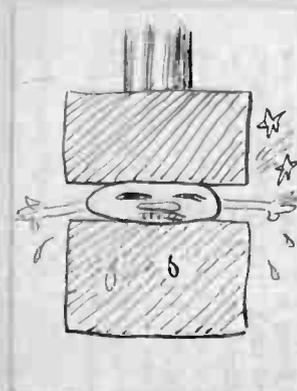
Tantalum is rolled cold to desired thickness



Bars compacted from tantalum powder are placed in electrical furnaces to be "sintered"

ficient method of producing tantalum material.

Some idea of the magnitude of the process might be gained from the fact that ten tons of rock ore, after having been subjected to the many phases of processing, results in the production of four pounds of metal. Briefly described, the commercial processing method consists in pulverizing the ore and then fusing with caustic soda. This results in a tantalate which is soluble in acids. This tantalate is further purified through the introduction of dilute acid by means of which the sodium and iron salts are extracted. By means of precipitation, tantalic acid is produced and appears as a fairly white powder. This is thoroughly



# WHAT'S WHAT UP FRONT . . . . . by Bette Lou

Even though Mike Stack, Sr., does call his little son, "Mike," a little "character," I think he looks like an angel. Mike brought a picture of his son to work and everyone went into ecstasy over it.

Jane Smith and her husband, Howard, who is on furlough, are vacationing in Del Monte this week.

Everyone has a birthday at some time or other and John Preston isn't an exception. The Cafeteria personnel presented John with a tie, while the Office staff gave him a cake with "Happy Birthday, John," on it.

I hope John Van Young keeps his shoes on this week. (Remember, he's the guy who had sunburned feet.) He is vacation-

ing at Capitola—fishing is the main attraction.

Up Purchasing way there's a new cbaufferette. She answers to the name of Luana Rose Gendotti.

"I'm just itching to go to the dance Friday." Betty Reamer really means it when she says she is itching—she has a beautiful case of poison oak.

Aileen Bennett was set on showing Charlotte Hawkins the Peninsula, so they had dinner at Long Barn. But they didn't tarry there long, they stopped in at a few night spots on their way north. Sharing the gala evening were Charlotte's two girl friends from San Francisco who stayed with her over the week end.

You won't see Lou Nichols around for awhile. She'll be located at the Stanford Lane hospital for a few weeks, where she will have a meeting with a scalpel.

Editor Johnnie Nelin is also on vacation this week—at Lake Tahoe.

Hattie Rose spent the week end down in Fresno.

You can't put a thing over on the Service Bureau. Phyllis Johnson found this out last week when the Service Bureau staff presented her with a cake honoring her birthday.

We will be seeing Charlotte Hawkins more often now that she is living down in San Mateo.

Alan "The Original Happiness Man" Skellenger has been limping around the Office from unknown causes.

Marion Winkler and Wilma Nichols spent the week end together in Burlingame.

"This is no laughing matter," so sings Herb Becker who is looking for a house in any size, shape or form. Herb is interested in anything anyone might offer.

Here is a bit of interesting news Betty McRae received in a recent letter from Albert Morgon.

"The new job you have sounds swell—they certainly treat their employees well from what you say. In the Signal Corps, I hardly pass a day without casting the old eye on some of their products. From the big "bottles" right down the line—there are lots of them and they fill the bill right down to the last electron."

Sandy Sanderson is back after a week vacation.

That green streak you saw passing the plant the other day is Clara Wheatley's new car. There is but one word to describe the shape of Clara's car and that is "bullet." When she bought the car, Clara didn't like its maroon shade so had it repainted green.

The shuffleboard game between the Jim Sanderson-Carl Teitz team and the Hal Kjer-Pat Warrington duo was very sad. The winning team, Kjer and Warrington, hung a wreath on Carl's door in memoriam of their lost game. The fellows weren't to be stopped by this. Tietz and Sanderson made a reply that brought about a rematch. Watch for the results.



And a big piece for Phyllis! Swing Service Bureau Secretary Phyllis Johnson prepares to launch an all-out attack on a portion of her birthday cake



## Tennis Marathon Won By Simon

By Dave Jackson

Pat Simon, Eimac Tennis Club's number one girl player, outlasted Shirley Lawrenz, who still occupies the number two spot on the ladder. The contest was unique in that it took three weeks to play. This is the longest tennis match on record in E.L.T.A.\* history. The score of the third and final match was 8-6. Congrats to hard, rugged and durable Patsy.

In the past few weeks, tennis has had its ups and downs, with downs predominating. Colds, vacations and other reasons have kept the enthusiasts off the courts and have depleted the roster. We bid farewell to: Russ Sperry, who finds himself unable to keep up the pace of working and playing; Bill Dixon, who hopes for greater success on the rolling hills with a smaller ball and a few golf implements; and Bob Nourse, who is now working swing shift.

Thursday, Ed Wilkes, who was then number one on the men's ladder, played Jack Petty. "King, for a week Wilkes," he was known as. Seriously though, it should have been a good match with Eddie giving Petty a bit of stiff competition. Official results will be published next week.

Also Thursday, Dave Jackson played Howard Duhamel, the winner of the Duhamel-Stan Johnson match, played Tuesday. And, Leona Moser and Betty Llewelyn, after rallying for two weeks finally decided to play a set—if someone keeps score for them.

\*Eimac's Long Tennis Association.



Jack Petty, ace tennis player, comes in for a neat back-hand stroke



Skeets Jones tries his luck at horseshoe tossing, a lunch-hour sport which is rapidly gaining popularity

## HIT THE HEAD PIN

By P. J.

Holy Bowlers made their debut this week in their "flashy" new bowling shirts . . . sorry we can't say the same about their bowling, for they bowled to the Stargazers who took them to the cleaners for three games. Helen "Amen" Langer turned in a 466 series with Charlie "Rest In Peace" Dole trailing with a 422 in a vain attempt to stop the Stars'. Their theme could well have been the script on Joanne Stumbaugh's shirt . . . "Oh, Lord, Give Us Strength."

The Night Owls are now on top of the heap by virtue of a two to one win over Plate, but we predict they will take a tumble when they clash with the Grid Kids next week. The Kids are itching to get on top again after dropping one game last week to the Vacs and three the week before to the Stargazers.

Kenny Drew held tenaciously to his 167 average, by bowling a 507 series for the Plate team and, incidentally, was the only player to turn in a series over 500 in Friday's play.

The Grid-Vac game was really a tussle with the Grid Kids narrowly nosing out the Vacs in the last game by 17 pins. Behind the ever-present cigar was Bill "Kick 'em Down" Brunaugh, adding color to the game with his "cheesecake" display ("for luck," he says). Bill subbed for Don Masterson and is now a permanent member of the team. Downey and Chandler as well as the rest of their team were "off their game," but they managed to collect a little \$5.00 "tribute" from the Vacs. The Kids are really going to have to come out of their slump and "get hot" to topple

the Night Owls off their lotty perch, but the odds are with them.

Another game slated for next week that may prove exciting is Chem-Tones vs. Vac-A-Teers. The Chem aggregation has recruited some new talent in the form of Toni Venturi who packs a 159 average and Bob Nourse, a newcomer to swing shift. The Chem-Tones have reorganized and Cy Moses is their new captain. We predict they will take at least two games from the Vacs.

Since Bobbe Walzberg's departure, the Zombies have also elected a new captain in the person of Jerry Percival. The Zombies really put up a fight last week finishing with one out of three, with the other two games very close. Two new members, Opal Avants and Jane Howard, have joined their ranks so don't be surprised if the Zombies start climbing up the ladder very soon.

Looking at the percentages for the week, we see that the three-way tie between the Owls, Vac's and Grid Kids has broken wide open with the Night Owls leading with .750; Grid Kids running a close second with a .708 and the Vac-A-Teers in undisputed third place with a .667.

Plate and Chem are still tied for fourth and it's a toss-up as to which team will break that tie to their advantage.

There are still two more weeks until the first half of the league is over, but we'll venture the prediction that the Grid Kids will come out on top to take the honors.

# On The Bowling Front . . . by Beau Linalli

Of all the games Monday night, probably the most important as far as league standings are concerned, was the Punch Press vs Platers tangle. The Punch Press boys punched their way through the first game to win by 82 pins and pressed their way through the second with a 796 game to win by 68 pins. Not bad for a 100 pin spot. The third was the Platers', however, as Birdie Smith, Bobbie Stenson and Gladys Souza, each bowling at least 20 pins over their average, led the Platers to win by 48 pins. High series for the Platers was Ruby Lawton's 427, while Frank Christie with his terrific "Pin Action" bowled a 528 series, to lead Punch Press.

The hot 'n cold Rotary Kids took two from Purchasing as Ed Hoetzel, subbing for Al Enoch on the Kids' team, rolled a 516 series. Sandy Sanderson came forth with a 160 game in the first tussle which helped nose out the Rotary Kids by a mere four pins. Sandy was also high man for the Purchasers with a 457 series.

The Pump team took two from the Machine Shop II in a practice meet. Walt Gillingham's explosion ball took a 212 game in the first to help mill down the

pumpers. However, the pumpers built up a little pressure in the second and third to trim the Machine Shoppers with a 2 to 1 result. High game for the Pump team was tossed by Rich Lawton with a 205 game.

Dillie Fillies got two games from the First Nighters in a battle to keep out of the cellar spot. Charlotte Hawkins was high gal for the Nighters, but oddly enough, has the lowest average (by about 20 pins, too!)

Ed Wilkes (Hey! What's his name doing in the bowling column?) found the deadly solution for the Chemical fivesome to lead them for a two game win over the B.B.B.'s Ed's 161 was the high game for both teams, but Jean Pareno's 158 was also impressive.

Now for Wednesday's results. There was a lot of excitement with the two top teams stacked against each other. Assembly took the Carpenters for two with Suttin rolling high series for the night—a 626. His high game was 226. The rest of the Assemblyites worked together with series from 440 to 480. Charlie Chase of

the Carpenters worked hard on the pins (no hammer either) with a 515 series and a 200 high game for the nailers. Too bad Assembly's first and Carpenter's last games were not together, as both were 841.

Then there's Machine Shop which managed to take two from the Office with "Shelf Man" DeLong leading with a 578 series and a first game of 216. Shephard got on the beam, too, with a 508 series, and I understand the first game was "in the bag," as they picked up twelve marks in the last three frames. Harbin and Siemens battled for the low spot in the second game and let the Office win by 13 pins. Shirley Lawrenz tried hard for the Office and got a 444 series with a high game of 163.

The lucky Eimac Aces took two from the Fog Cutters. No one on the team bowled his average, but they won the first game by four pins. Those two new players, Skellenger and Perry, will bear watching. Kay Anderson really knocked over the maples for a 431 series—28 pins over her average!

Still "hot" are the Stack-a-Hots. They took three from the Straight Fillies. Faye Haugen and Laura Auld were in there pitchin' to grab series of 430 and 388, respectively. But most of the gang were in a slump, so three losses were chalked up even though the last game was lost by 13 pins.

Another late comer to the winners' circle are the 450's who took three from the Glass Girls. Jack Williams hit a 465, while V. Depiero was trying to hold his average with a 460 series. Goodrich of Glass Girls didn't take a back seat in that match for she bowled a big 465.

The Pushovers were not to be trifled with, Wednesday eve. They took a terrific three from the Stockroom, but seems 'twas only a practice match. They'd better keep those winning games on file for the real McCoy. Brown rolled a 480 series, with J. James two-score pins behind him for a 440. But sub Skeets Jones! Well, maybe we'd better skip it!

This week I'm gonna fool you—there'll be no predictions from here. That's right—but I will venture to say that the Stack-a-Hots will stand watching. They are, for the time being, living up to their name.

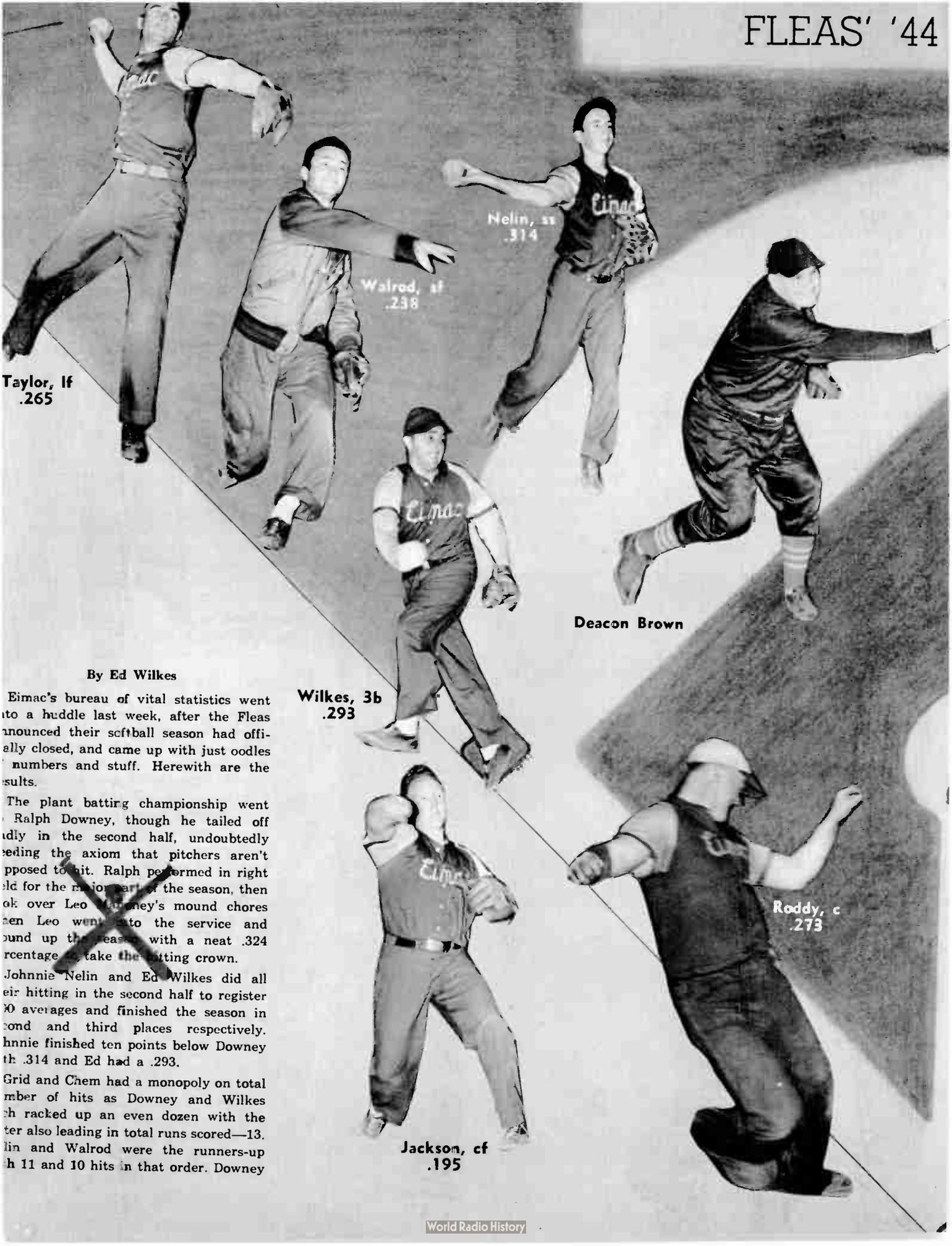
There'll be a couple of frays next week that might prove interesting—the Carpenter-Stack-a-Hots match, for example.



Beau Linalli at the age of two



Petite Ruby Lawton concentrates on her bowling—and gets results!



**Taylor, lf**  
.265

**Walrod, rf**  
.238

**Nelin, ss**  
.314

**Deacon Brown**

**Wilkes, 3b**  
.293

**Roddy, c**  
.273

**Jackson, cf**  
.195

By Ed Wilkes

Eimac's bureau of vital statistics went to a huddle last week, after the Fleas announced their softball season had officially closed, and came up with just oodles of numbers and stuff. Herewith are the results.

The plant batting championship went to Ralph Downey, though he tailed off badly in the second half, undoubtedly defying the axiom that pitchers aren't supposed to hit. Ralph performed in right field for the major part of the season, then took over Leo Downey's mound chores when Leo went into the service and wound up the season with a neat .324 percentage to take the hitting crown.

Johnnie Nelin and Ed Wilkes did all their hitting in the second half to register 10 averages and finished the season in second and third places respectively. Johnnie finished ten points below Downey with .314 and Ed had a .293.

Grid and Chem had a monopoly on total number of hits as Downey and Wilkes each racked up an even dozen with the latter also leading in total runs scored—13. Nelin and Walrod were the runners-up with 11 and 10 hits in that order. Downey

# ASON ENDS

Mahoney, p  
.190

Provancha, u  
.000

Stoddard, u  
.000

Munholand, u  
.182

Downey, rf-p  
.324

Warrington, c  
.281

Ranahan, lb  
.273

mented the rubber eleven times for the season and speedy "Shorty" Walrod was hard on his heels with 10.

At the termination of the league's grinc the Fleas were found to have won eight of the fourteen games played and amasse a total of 74 runs to their opponents' 61. Exactly half of the games played were decided by one run margins, Eimac coming out on the short end four times.

Only once did the Fleas suffer the humiliation of being shut out but three times they set down the opposition with a row of horsecollars. Their first defeat came at the hands of Bourne Service 8-2, and their greatest margin of defeat was 9-3 over Hammond. Their last game of the season was Eimac's 14-13 win over the Merchant Marine enlisted men.

Gene Gallagher was far and away the leader in attendance figures with a percentage of .851 and became the team's official scorer. Gene was also singled out for honor in being named umpire-in-chief of the Fleas-Red Sox struggle.

Numbers, percentages, numbers, averages—I'm going nuts, these seasonal win-lose ups are so dull anyway—throw my typewriter away, Miss McQuiston, and forward my fan mail to Agnew.

# Golf Tourney Begins Tomorrow

Golf is fast becoming one of Eimac's outstanding and sought after sport activities with a score of divot diggers already entered in the current golf tournament.

Other golf enthusiasts, both male and female are encouraged to go out and establish a handicap as other tournaments are planned to follow the present one in progress.

For those who have never swung a club and would like to learn the proper way to do it, Bill Baker, Rad Leonard, Carl Magnuson and Gerry Manly have offered their services as instructors.

At a recent meeting of the golf group, Rad Leonard was elected president and Jerry Manly became secretary-treasurer. Bill Baker, Jack Petty and Carl Magnuson will serve as the handicap committee.

After six weeks of qualifying play the entrants have now been segregated into two flights—championship and handicap. Match play and medal play must be started not later than Sunday, September 24.

Following is a list of those who are in the first group and their opponents:

Carl Magnuson.....vs.....Dave Jackson  
 Rad Leonard.....vs.....Mel Provancha  
 Bill Baker.....vs.....Jack Petty  
 Bill Dixon.....vs.....Jerry Manly

Those participating in the second flight or medal play and their handicaps are as follows:

	HCP.
Don Furgason.....	22
Doug Munholand.....	25
Jack Williams.....	30
Onnie Cody.....	28
Harold Boak.....	25
Mike Stack.....	22
Sam Bond.....	26
Leo Ray.....	24
Frank Moos.....	20
Vic De Piero.....	30
Palmer Evarts.....	35
Fran Migge.....	18

The four players qualifying with the lowest net scores will play "Match Play" for the championship on Sunday, Oct. 1.

Golfers are requested to abide by the following rules:

1. Players must notify at least one member of the Handicap Committee as to which day they will qualify.
2. Each player must qualify with at least one other golfer in the handicap flight or score will not be accepted.
3. Scores must be turned in the following day.
4. Club rules will prevail (see score card).
5. Putt everything out (including your favorite brand of Bull Durham).
6. Hand mashies not permitted.

# WHAT'S COOKIN' by Verna & Irene

"A master cook. Why, he is the man of men,  
 For a professor; he designs, he draws,  
 He paints, he carves, he builds, he fortifies,  
 Makes citadels of curious fowl and fish."

## Recipe of The Week Chocolate Fudge Sauce

- 4 squares chocolate, melted
- 1½ cups sugar
- 2 cups evaporated milk
- 2 tablespoons butter
- Vanilla to taste

### Method

Melt chocolate and sugar, add milk, stirring constantly and cook 6 minutes.



Why Foremen Get Gray

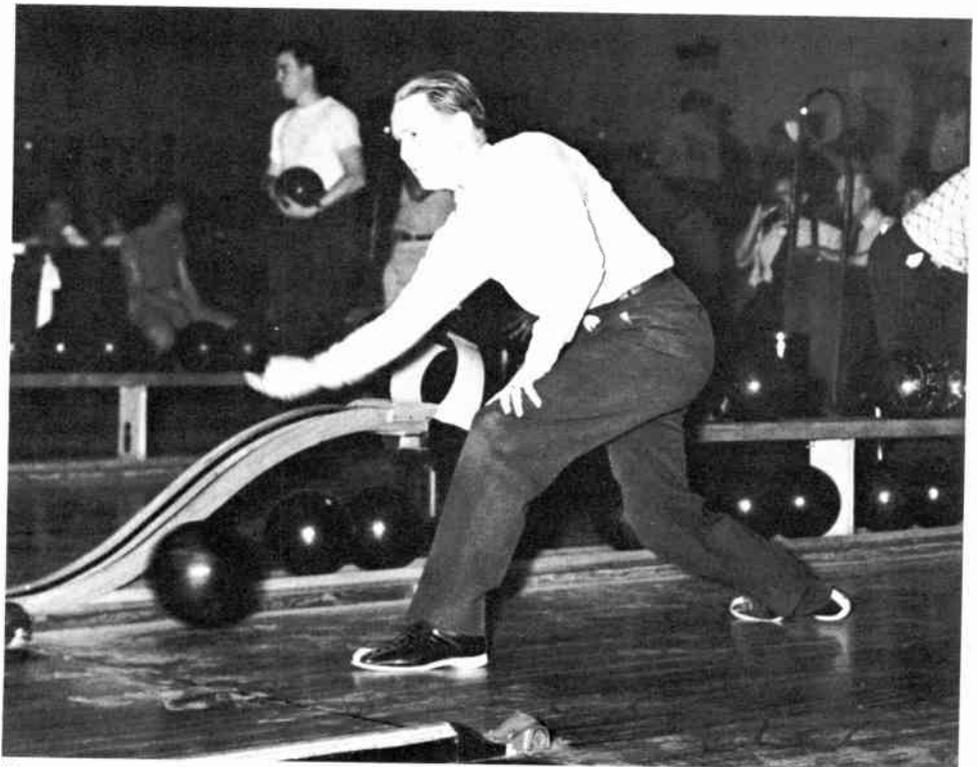
Add butter and vanilla and beat. Note—this is thick and will scorch easily. Sauce can be poured into glass jar and kept several weeks. Reheat over water when ready to use. Excellent for hot fudge sundae.

Ada Starkey is on her vacation. She went to her former home in Taft, California, on a combined business and pleasure trip. Just a little of that heat down there and she'll be glad to be back.

Aldina Barberie, Mary Gilchrist, Elizabeth Bandy, Tillie Hendry, Verna Keegan and Verdeena Dodd all went shopping in San Francisco Saturday afternoon. Some are sporting some new duds.

## Short Orders

Anna Kolte is on her vacation this week. We weren't able to find out what she is going to do.—There has been quite a considerable shifting around this week because of vacations. Elizabeth Bandy from graveyard is on swing. Incidentally, she is like Finnegan—on again, off again. . . . Tillie Hendry is now a San Brunoan, having recently moved here. . . . Helen Tipton is back after a leave. . . . Lora Olson has left us, because of illness. We hope she gets well quickly. . . . Did you see the beautiful guns on display in the Cafeteria? They were presented to Bill and Jack by the employees. . . . That seems to be all the news this week.



H-m-m-m, Beau Mansergh, of the Purchasing team, must've had a tough time with this one!

# Pump Patter

By Ginne

Mr. and Mrs. Al Mussio had a wedding anniversary Friday, September 1, so Saturday, Al bought the Mrs. orchids and they went stepping.

Don and Janet Masterson and Dottie Harris and her husband went to see "Porgy and Bess" a couple of weeks ago. From all reports it was really good.

Gee whiz, where is everybody? Rog Walrod and Lois Uphoff are gone from the Basing department, Mary King from Carbonizers and now Bobbe Walzberg from the Pumps. We sure miss all of you, so come back and see us soon.

I'd like to take this opportunity to extend a welcome to Cy Moses who transferred into Pump from Glass. Hope you like us, Cy.

Speaking of transfers, Opal Avants came in from Testing and now Mildred Wood from Basing. Opal is in Carbonizers and Mildred is inspecting tubes. By the way, Opal, do those fleas bite?

I see we have numerous vacations to report this time. Elmer Bushell finally got off after postponing his vacation because of Skipper's measles. Skipper is Elmer's little 5-year-old son. Mickey Sessions spent most of her vacation cleaning house; Eula Harris and her mother, who was out here from Texas, went sight-seeing; Kay Kehler went to Clear Lake; Jim Kelso stayed home; and Don and Janet Masterson went to Big Basin and fought off the mosquitos.

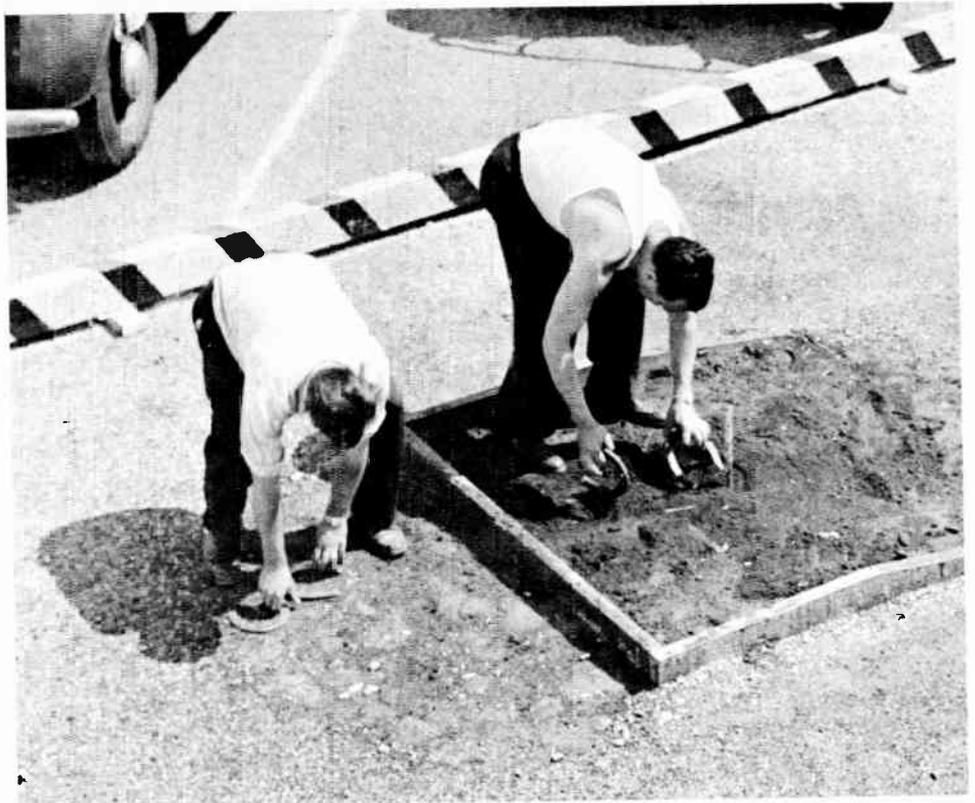
Irv and Ginny Coutts went to Santa Barbara on their vacation. By the way, if any of you gals need new clothes, Ginny has left Eimac and now has a dress shop in Belmont. Good luck to you, Ginny.

Jane Howard's son, Gene, was home on furlough. He is a paratrooper and is leaving for overseas soon.

Rose Strakbein's son left for the Army recently. So good luck to you, Roy, and we'll be seeing you on your first furlough.

Did everyone get to feel the bump on Bobbe Walzberg's head before she left? She says she thought her shoulders were wider than her head and ran into a cement post. H-m-m!

Well, Thelma Rose, of Basing, is back again. Thelma was seriously ill with a



Throw 'em down and pick 'em up! Jerry Manly and Art Arrigoni take their bows into the horseshoe court in an effort to perfect a "dead ringer"

## BEADERS' BUZZ . . . . by Beth & Leila

The Beaders extend greetings to three girls who have transferred to Beading: Flo Shade and Barbara DaMatta from Fleas, and Vera Schlechter from Cracking. Hope you will all like Beading and the Beaders.

The little cold germ seems to have hit the Beading room. At the present time Leila Mingledorff is home ill—the little germ got her. Hope you are back soon, well and happy.

Back to the Beading room after a week vacation is Harriet Johnston. She looks as though she had an enjoyable time.

Also back in the Beading room after a

very bad throat but is now well again. Swell to see you back, Thelma.

Congratulations are in order for Mr. and Mrs. Tom Burnett. Mrs. Burnett is the former Esther Yeglic. They were going on a delayed honeymoon this week but Tom contracted mumps. Hope you're better soon, Tom, and lots of happiness to you both.

Ginny Oldershaw (that's me) had visitors over the week end. Brother Gene,

trip to Iowa is Wilma Reed, better known as the "Corn Fed Kid."

The Beaders are all wondering if any of the other plant members have noticed that each morning Vestalee Jones has a beautiful rose tucked in her hat. Do you grow them yourself, Vesta?

Up from Camp Callan this week came a Beader of old, Evy Edwards by name. A get-together for some refreshments was held at the home of yours truly, Beth, after work. The cake was baked by the Beader's favorite cake-baker, Mrs. Scott. Everyone had a fire time and went home just about talked out. It's good to see the old Eimackers such as Evy once-in-awhile.

who is now a lieutenant in the Air Corps, is going to instructors' school at Randolph Field.

I hope you will all forgive me if I have left anything out this time, but I'm new at this. I'll sure try to do better next time.

Oh, yes, (I told you I might forget something) it seems Alta Royer has been on a leave. Her husband, who is in the Navy, was home on leave. Glad you had such a swell time, kids.

# PLATE TATTLER . . . . . by Tiff

Vacations are still prevailing in our department. Lately Betty Cooter had a grand time in Santa Cruz. Marge Hoff and Betty Bonk just stayed around home and took it easy. Reene Rozzi chose Boulder Creek for her relaxation. Frieda Brown's choice was Coalinga; Glen Olives went fishing up north, and Ken Drew went to Hoberg's. Margaret Wooden is visiting her family back in Oklahoma.

We celebrated two birthdays recently, that of Ruby Lawton, September 7, and Marge Lage, September 13. Each was given a gift and cake from the gang, and the best of wishes were extended to both.

A "new arrival" weighing 8 pounds 11 ounces and answering to the name of James Sidney came to Henry Rideout's house, August 22. We take this opportunity to wish the Rideouts every happiness.

I realize this news is quite late to be appearing in type, but then so was Mr. Stork late. The score is even now.

Goodbyes were said to three girls who recently left our department for others. The girls are: Ella Kness and Hazel Mattison who are now working in the Stock Room, and Marge Lage who was transferred to Chem.

Alice Vogel's husband came home on furlough from the Mid-West this past week. With news like that it's no wonder Alice is so happy.

Ann Eckhart's husband, of the Navy, also came home recently and like Alice, Ann is a mighty happy girl.

Dotty Chichester and Fran Richardson bade us all adieu recently. Dottie left to join her husband in Texas, while Fran will take a trip to Illinois.

Swing shift enjoyed a lovely cake last week honoring Millie Larson's third year at Eimac.

The Blood Bank was visited last Thursday by Bertie Smith, Bobbie Stetson, George Currier, Henry Rideout, Connie Leonard, Jack James and yours truly.

Giving blood for such a cause gives one a feeling of real satisfaction, and the cookies and coffee served afterwards are plenty good, too!

## Week End Doings

Bertie Smith gave a birthday dinner for her husband.

Ruby Lawton went to Lodi to see her new-born nephew, age three weeks.

Bobbie Stetson enjoyed working in her garden.

Phyllis Bordman attended the Ice Follies.

If you are passing through our department some day and see someone coming towards you wearing a pair of glasses (minus glass) and one eye covered with a piece of white paper, don't be alarmed. It isn't dangerous, or the ghost of Captain Kidd; it will be Bobbie Stetson. Seems Bobbie must keep one eye closed most of the time and the only way she can succeed in doing so is by the above method.

Seems crazy, we admit, but works fine for Bobbie!

# YOUNG-HEADRICK LEAD SHUFFLERS

By Jim Sanderson

In the shuffleboard tourney this week, there's been a change of standings as well as a change of personalities . . . the heat must be on! Last week's favorites were riding high; this week's schedule finds last week's leaders, the Wallace-Novello team, resting in second place. The word "resting" is used literally, as they were out scouting their remaining opponents.

Young and Headrick have been constantly approaching the top spot. This in itself is a healthy sign and should be given careful consideration by all competitors.



Since our last report on the team standings, we find two team combinations losing old partners and acquiring new ones. The Gilchrist-Boklund combination has changed to (Tom) Brieland and Boklund, and the Flori-Whited duo has changed to (Bill) Brogden and Flori.

The interest and competitive spirit exercised in this tournament is way beyond expectations. Competition is approaching a peak verging on downright rivalry. Enthusiasm and fan-fare virtually rends the air during the shuffleboard contests from 11 o'clock to 1 o'clock. It has been rumored that grudge games will be in the offing and that "devious" methods will be employed during the time the aforesaid grudge games will be in progress. As we can readily see, enthusiasm as this deserves a full and complete side-line attendance.

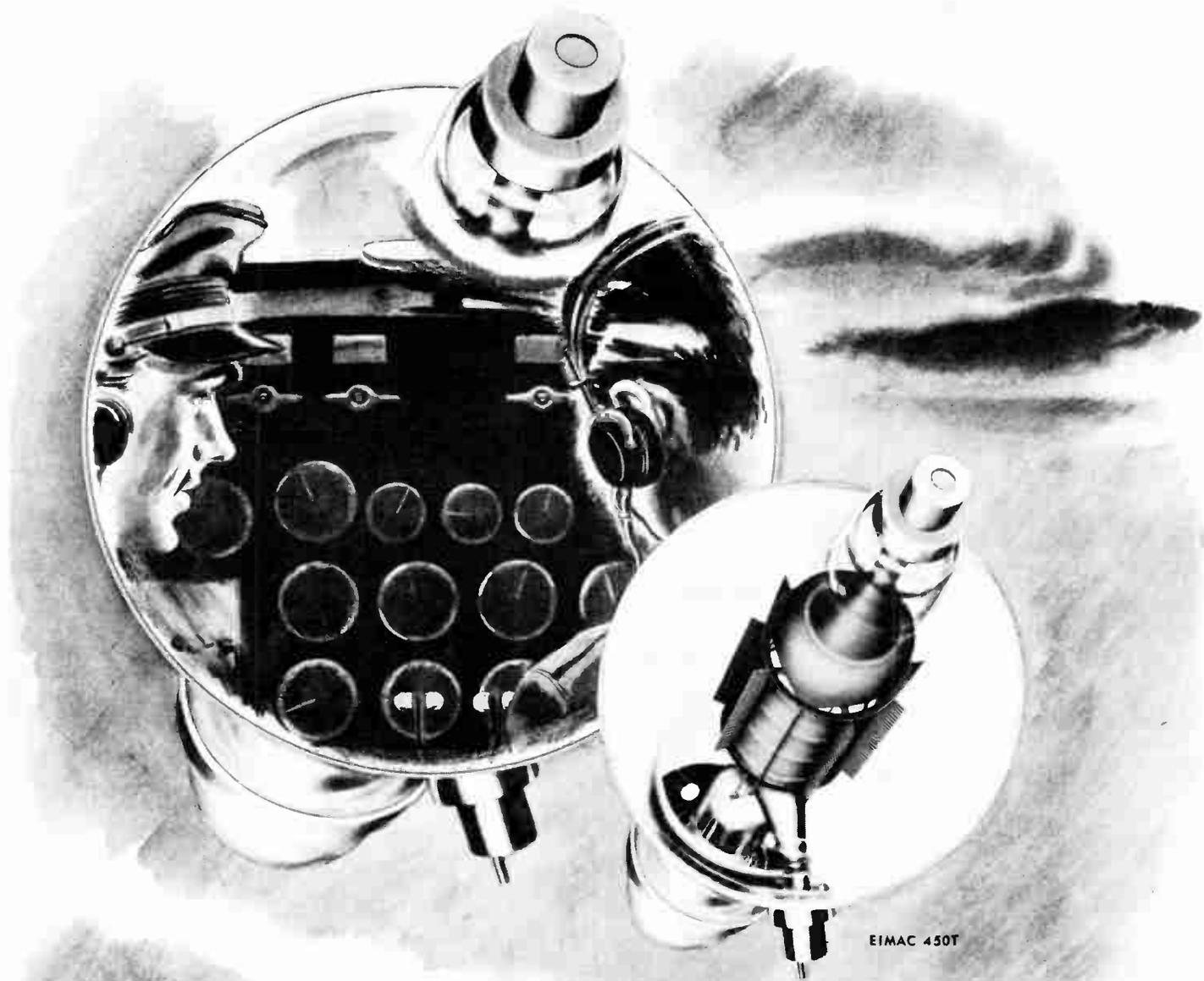
Leading the tourney are the three teams which are also leading in the total number of matches played. In view of this fact, standings can change drastically and in a hurry . . . the winner can be almost anyone.

Shuffleboard standings as of Wednesday morning, September 20:

Entry	Won	Lost	Pct.	GTP
Young-Headrick	21	9	.700	9
Wallace-Novello	20	10	.667	9
Brown-Young	19	13	.594	7
Woerner-Norton	7	5	.583	27
Dailey-Salvatore	18	15	.545	6
Winnegar-Krohn	12	9	.545	18
Tietz-Sanderson	10	11	.476	18
Maynard-Howe	5	6	.455	28
Migge-Dunckel	4	5	.444	30
Atkins-Eaves	5	7	.417	27
Warrington-Kjer	9	15	.375	15
Brieland-Boklund	2	7	.222	30
Mansergh-Eustace	2	7	.222	30
Flori-Brogden	0	6	.000	33



It's a bull's eye, by golly! The power behind the darts is Art Lustig, veteran dartsman



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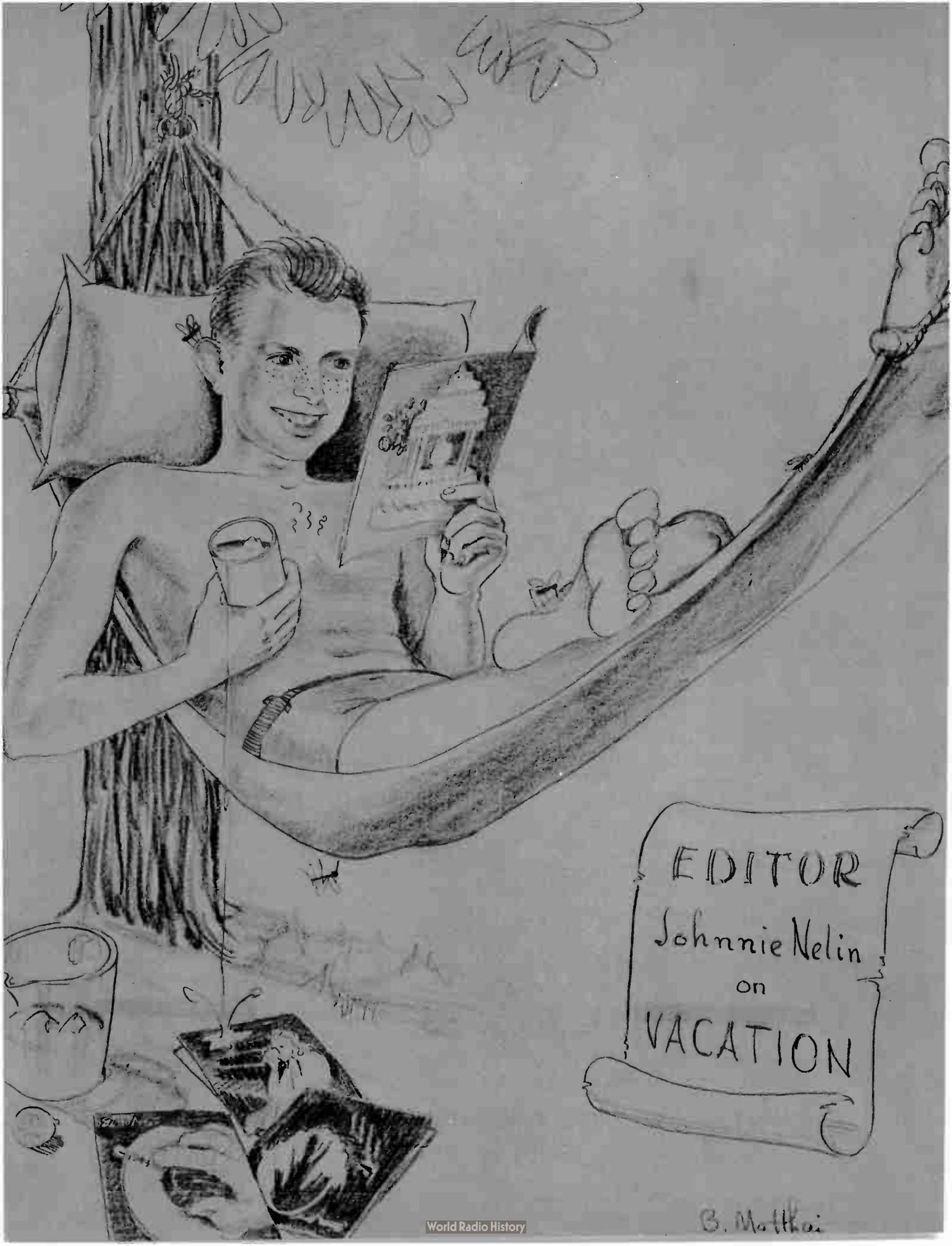
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EDITOR  
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