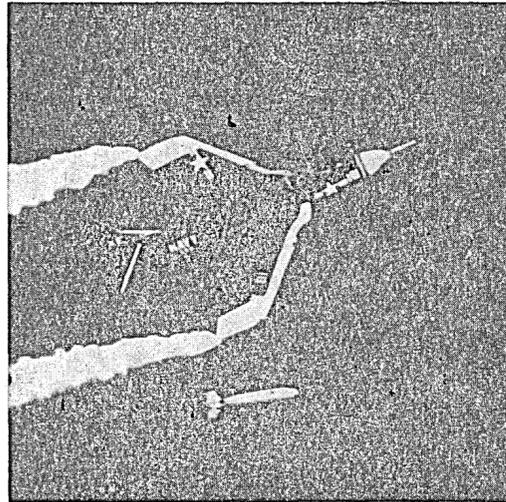


Newsman Witness Navy Striking Power



Upper Left—An F9F-8 "Cougar" jet gets set to pull up and away after demonstrating a low-angle loft bombing.

Upper Right—Cameramen get set to shoot the firing of a 5.0 ZUNI rockets in last Friday's weapons demonstration.

Visiting cameramen are shown trying to capture a firing at the SNORT track as the sled roars away to reach a speed of approximately 1500 feet per second.

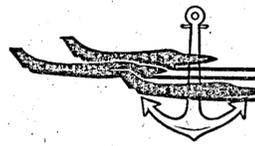
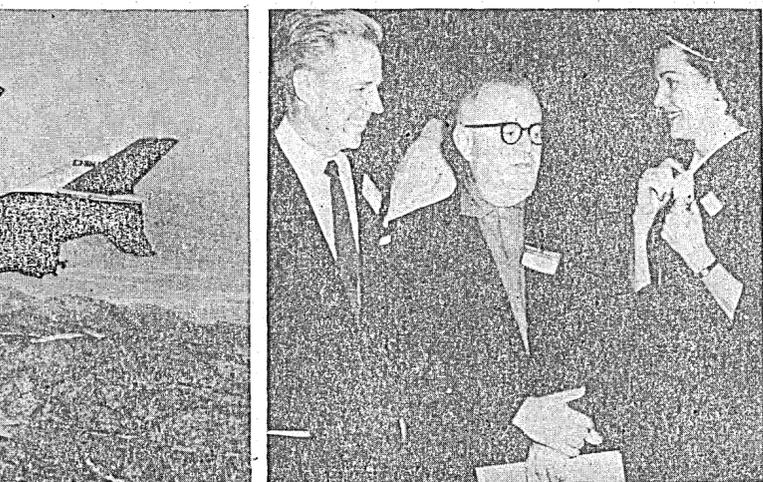
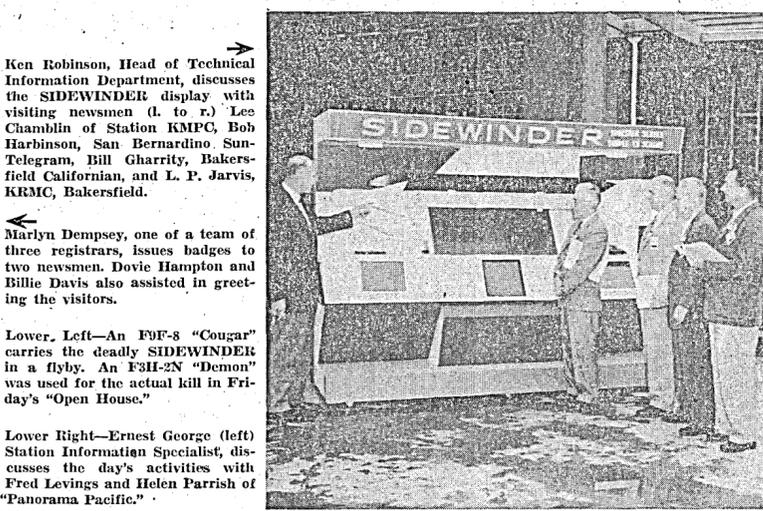
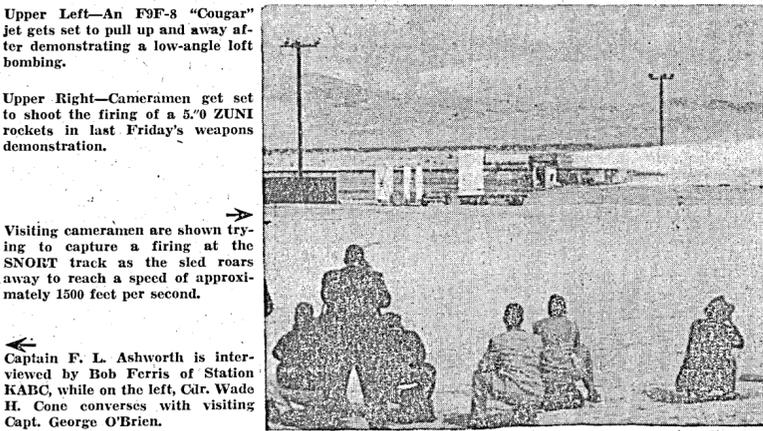
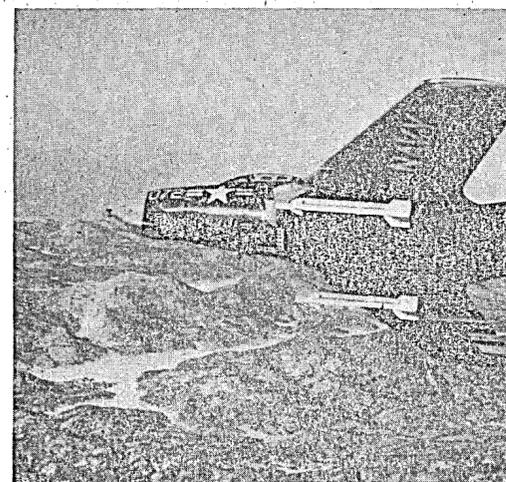
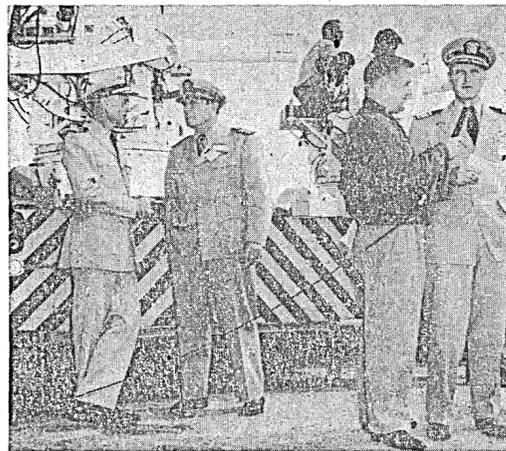
Captain F. L. Ashworth is interviewed by Bob Ferris of Station KABC, while on the left, Cdr. Wade H. Cone converses with visiting Capt. George O'Brien.

Ken Robinson, Head of Technical Information Department, discusses the SIDEWINDER display with visiting newsmen (l. to r.) Lee Chamblin of Station KMPC, Bob Harbinson, San Bernardino Sun-Telegram, Bill Gharrity, Bakersfield Californian, and L. P. Jarvis, KRMC, Bakersfield.

Marlyn Dempsey, one of a team of three registrars, issues badges to two newsmen. Dovie Hampton and Billie Davis also assisted in greeting the visitors.

Lower, Left—An F9F-8 "Cougar" carries the deadly SIDEWINDER in a flyby. An F3H-2N "Demon" was used for the actual kill in Friday's "Open House."

Lower Right—Ernest George (left) Station Information Specialist, discusses the day's activities with Fred Levings and Helen Parrish of "Panorama Pacific."



ROCKETEER

Vol. XIII. No. 10

U.S. Naval Ordnance Test Station, China Lake, Calif.

March 8, 1957

Press Day Flights; Firings Appearing On Nationwide TV

Millions of people are watching the savage effects of the mighty SIDEWINDER and other Station weapons this week on TV, as a result of the coverage given NOTS at last week's Press Day "Open House."

The three major wire services, AP, UP, and INS, were all on hand, and they are supplying the story and pictures to every newspaper in the country this week.

Look, Life, Time, and Newsweek magazines were all represented, as were Movietone News, News of the Day, and Universal Newsreel. CBS radio and TV networks gave full nationwide coverage, as did ABC radio and TV networks. In addition, more than 200 independent TV stations throughout the country were fed the story and pictures of the "Open House."

During this week, the country will be seeing, hearing and reading much about this ten-hour excursion by the nation's leading newsmen. They will see a TERRIER missile salvo, and a record firing of 194 2.75 rockets by one plane, an AD-5 piloted by Cdr. R. R. Newman, USN.

And then there was SIDEWINDER! With the cloudy sky as a perfect backdrop, the SIDEWINDER sneaked away from beneath a McDonnell "Demon" and blasted a prop-driven F6F drone completely out of the sky to climax a near perfect exhibition of the Naval Ordnance Test Station's contributions to the defense of the nation.

They will see the new ideas in bombing. Along with the old dive bombing, the new techniques of over-the-shoulder, medium-angle loft, and low-angle bombing were exhibited. The fearsome 5.0 ZUNI rocket with its power and accuracy brought a gasp from the press crowd on hand.

Cameramen barely had time to click their shutters as a rocket sled flew down the super sonic Naval Ordnance Research Track at a speed of 1500 feet per second. All the newsmen present were more than convinced that this Navy research, development and test center is contributing a giant share to the Navy's role in the nation's defense. This week, millions of people all over the country are sharing this opinion.

New System for Vet's Exemptions

According to J. H. Hanks, County Assessor, a new system for the filing of veteran's exemption has been established in his office this year.

A form for filing exemptions and a letter of instructions has been mailed to all veterans who filed for exemption last year. This should be returned as soon as possible to the County Assessor's office.

If a veteran has never filed for exemption, he must present his discharge papers and the legal description of all his or his wife's property at the Assessor's office or the office of the County Deputy Assessor.

The representative in this area is Mrs. H. Campbell, 315-B Langley, Ext. 71424. Deeds or contracts to the real estate must have been recorded before noon of the first Monday in March of the year for which the exemption is being claimed. The time allowed for filing for a veteran's exemption is the period between the first Monday in March and the last Monday in May.

If any person claiming any exemption fails to follow the required procedure, the exemption is waived by the person (Section 260, California Revenue and Taxation Code).

World Prayer Day Observed Locally

At sunrise today, on Tonga Island, Queen Salote led her subjects in observance of the World Day of Prayer. As the sun progressed, other countries joined with their own observances, ending in St. Lawrence Islands, Alaska, thereby resulting in nearly every country in the world joining hands in prayer throughout the day, praying for world peace and the brotherhood of man.

Observances at China Lake will be held at St. Michael's Episcopal Church (Chapel Annex) at 8 o'clock tonight and will be conducted by the United Church Women of Indian Wells Valley. The service this year was written by a Christian woman behind the Iron Curtain.

Churches participating in the service, in addition to the host church, are the Ridgecrest Methodist, Inyorn Methodist, Grace Lutheran, and NOTS Community Church.

'Job Well Done,' Says Capt. Ashworth

The Open House held by the Station on Friday, March 1, for representatives of information media was an overwhelming success from the standpoint of planning and execution. Coverage of the program events by radio, television, and press being evidenced this week indicates that the results in increased Station prestige are equally gratifying. There is good reason to expect that the successful program of March 1 will generate additional public recognition in coming months.

All of the efforts which came to a focus on the programmed events of March 1 were a fine example of the teamwork and spirit which prevails on the Naval Ordnance Test Station. There was a great deal of cooperation, coordination, initiative, moral support, and outright hard work directed toward a successful special Open House.

I cannot begin to name those who gave assistance in these respects to those stalwarts of the Technical Information Department, the Test Department, the Naval Air Facility, the Operational Development Squadron (VX-5), the Marine Guided Missile Test Unit, the Aviation Ordnance Department, the Engineering Department, the Guided Missile Unit No. 61, and the Assistants from my office and the office of the Experimental Officer who coordinated this affair.

I want to express my appreciation to all hands for untiring effort and cooperation toward a most successful Open House.

F. L. Ashworth
Captain, USN
Commander, NOTS



BACK THE ATTACK—The nationwide campaign to worth, who is shown receiving his bumper sticker back the attack on traffic accidents is given added from LCdr. C. E. Hackwith, Safety Officer and Safe support by the Station Commander, Capt. F. L. Ash- Driving Council representative.

Burklow Retirement Ends 39-Year Duty

The first new-type retirement certificate and badges issued by the Naval Ordnance Test Station were given recently to Jesse Burklow, Head of the Safety Group of the



Jesse Burklow, Propellants and Explosives Department. Dr. Hugh W. Hunter, Department Head, made the presentation at a brief ceremony and farewell party for Burklow. The honorary identification badge carries Burklow's photograph and fingerprints, and bears the signature of the Station Commander.

Burklow retired March 1 after devoting almost all of his adult life to government service, beginning in 1917 when he enlisted in the Army. In 1921, he began his Civil Service career at Picatinny Arsenal, and after working at numerous plants engaged in high explosives work, he transferred to NOTS in August of 1948.

In 1951, Burklow became Head of the Salt Wells Pilot Plant Safety Staff, and in 1953 he returned to the China Lake Pilot Plant to occupy the same position where he remained until his retirement. After 39 years as a civil servant, Burklow will retire to Oceanside, California.

UCLA Counselors On Station Today

UCLA representatives Phillip F. O'Brien and Cornelius T. Leondes of the Department of Engineering at the university are visiting the Station today and will be available for student counseling this afternoon in Room 1066 in Michelson Laboratory.

Interested students are invited to call in person or telephone Ext. 71759.



(The above bomb-burst-effect head "Back the Attack" is a replica of the dashboard stickers which will be distributed to Station personnel.) The Navy is backing the yearlong, nationwide program to combat the tremendous rise in motor vehicle accidents—Back the Attack on Traffic Accidents.

In a SecNav Notice to bureaus and offices, Secretary of the Navy Charles S. Thomas requested addressees to advise all activities under their command management, technical cognizance to participate actively in the program, which runs from December 1956 through December 1957.

Back the Attack, sponsored by the National Safety Council and sponsored locally by the Station's Safe Driving Council, takes the place of the one-shot S-D Day, by which traffic safety has been promoted the past 2 years.

On September 17, 1956, President Eisenhower issued this statement in a letter:

"For 18 months American traffic fatalities have been increasing. If this trend continues through the rest of the year, we shall have the highest motor vehicle death toll in history.

"It is shockingly clear that each of us assume personal responsibility, not only for driving and walking safely, but for supporting our State and local public officials as they seek to enforce and strengthen our safety programs.

"The Traffic and Transportation Conference has come forward at a critical time with its year-round program to 'BACK THE ATTACK ON TRAFFIC ACCIDENTS.'

"I hope all our citizens will take part in this program."

The Conference's action stresses the need of sustained and immediate action in the following:

- Enforcement of traffic laws should be tightened, if necessary, to the proportions of a "crackdown."
- Traffic courts must deal more rigorously with violators.
- If traffic laws and ordinances are inadequate, State legislatures and local governments should improve them.
- Driver licensing should be stricter and suspensions of license more effectively invoked for chronic violators.
- Action to step up driver education both in high schools and for adults should be taken.

There are many ways in which naval activities and bureaus can "Back the Attack." They can participate in local and State programs. They can originate their own programs on the district, local, or activity level. They can encourage and back Federal Safety Council local programs. They can originate driver education programs and tighten up enforcement.

In conjunction with the program, the Station's Safety Office and the Traffic Control Office are issuing rear bumper stickers for as long as the supply lasts. Leaflets and dashboard stickers will be distributed with March 15 paychecks.

All accidents are caused. Let's remove the cause!

NOTS Appears On "You Asked For It" Sunday Night at 7

Certain phases of NOTS activities will be shown on Art Baker's "You Asked For It" TV show this Sunday night, March 10, at 7 p.m.

The movies of the Station were shot by the Wayne Steffner Productions, producers of "You Asked For It" last December, and will probably last five or six minutes on the Sunday evening show.

The half-hour program begins at 7 p.m., and can be seen locally on KABC-TV, Channel 7. The program will originate live from Los Angeles. Other sections of the country will receive the kinescoped version of the program on March 24.

Income Tax Counsel Service Discontinued

Internal revenue agents will no longer be assigned to the Station to assist in filing 1956 income tax returns, according to a statement from the assistant Community Manager, Art Reich.

SEE or HEAR NOTS Monday Noon

The Station and a local scientist will be featured on a coast to coast hookup next Monday at 11:30 a.m. on the General Electric House Party shows simultaneously released on the KNX (1070) radio program and KNXT (channel 2) television show.

ROCKETEER

Published every Friday at the UNITED STATES NAVAL ORDNANCE TEST STATION... CAPTAIN F. L. ASHWORTH, UNITED STATES NAVY... COMMANDER

Home and Car Deductions Can Lower Tax Payments

(This is the third of a series of articles on federal income tax filing. The articles are based on information provided by the American Institute of Accountants.) Your home and car may be the course of deductions that will lower your federal income tax.

CS Exams Open For NOTS Jobs

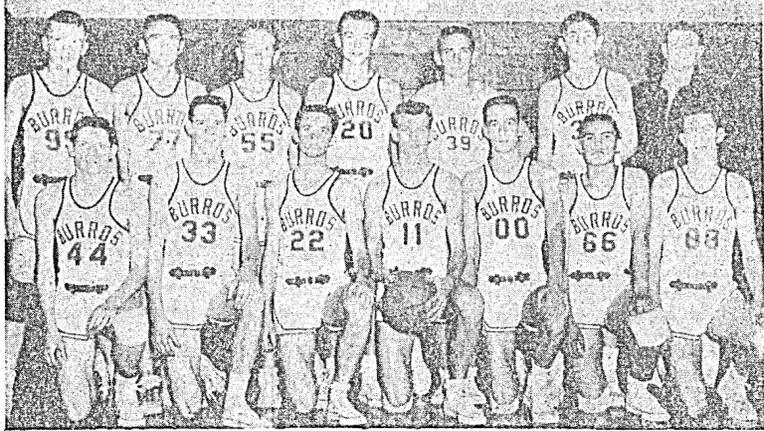
Civil Service examinations for vacancies at NOTS have been announced this week by the Executive Secretary, Board of U. S. Civil Service Examiners, Eleventh Naval District (Northern Sector). Appointments will be made until further notice for: Helper Test Range Tracker; Inspector (Ammunition) A, and Inspector (Ammunition) B.



GLASSBLOWERS—Burroughs High School students Tom Ashburn and Florence Childers demonstrate their glassblowing proficiency before throngs of parents and friends visiting the Science Fair exhibits.



BURROS VARSITY TEAM—Champions of the Desert-Inyo League and currently in the CIF playoffs. Shown kneeling (l. to r.) are: Bob Short, Bill Wilde, Jay Carty, Dee Davis, Alan Sorenson, Roger Short and Joel Adams. Standing are: Gary Koehler, Willy Carr, Jim Morris, Larry Jeffris, Tom Siopes, Gary Jacobs and Wayne Blowers, manager. The team won 13 while losing only 1 in League play.



BURROS "B" TEAM—Champions of their division of the Desert-Inyo League. (Shown kneeling (l. to r.) are: Dallon Childs, Larry Fletcher, Bob West, Ron Garner, Gary Maxwell, Tom Henden and Benny Sturgeon. Standing are: Doug Brewer, Calvin Joy, John Dragovich, Leroy Wold, Rolly McNeil, Charles Lenkner and Tom Sellars, manager. The "B's" were undefeated in 11 League games this season.

Santa Clara Beats Burroughs In CIF Semi-Final Playoffs

The Burroughs High varsity basketball team made it all the way to the third-round, semi-finals of the California Interscholastic Federation basketball tournament before they were finally knocked off Tuesday night by Santa Clara High, 59-49.

Although outscoring the Saints in the second half, the locals experienced a cold first half, scoring only 10 points in the first period and 6 in the second, to lead to their subsequent downfall. Gary Jacobs led the Burros with 14 points while Roger Short chipped in with 12.

Earlier in the tournament, Coach Bill Moore's boys had nipped Mater Dei, 33-29 and South Pasadena (avenging the football loss as well as last year's CIF basketball loss) 59-45. Roger Short canned 21 in the South Pasadena tilt and Jay Carty 15.

By reaching the semi-finals, the Mooremen advanced further than any other Burroughs team, bringing an end to the most successful season in the school's history. The varsity ended with an overall record of 20 wins and 3 losses.

By belting Lone Pine, 70-44, two weeks ago, the varsity clinched the Desert-Inyo League title as Victor Valley was upset by Mojave. Victor Valley had been tied with the Burros for first place. The Short brothers bowed out of Desert-Inyo League basketball play in fine style against Lone Pine as Roger threw 21 and brother Bob 22.

It was also a most successful season for the local "B" team, as they

Greenhouse Has Grass Seed

Grass seed is now being issued to Station residents, according to Station Horticulturist, Oscar Glatz. The greenhouse is open daily from 7:30 to 11:30 a.m., from 12 to 3 p.m., Mondays through Fridays, and on Saturdays from 12 to 3 p.m.

Table with 3 columns: Name, Total, Average. Lists players like Roger Short, Bob Short, Jay Carty, Gary Jacobs, Larry Jeffris, Tom Siopes, Jim Morris.

TRANSFERS — Norm Newcomb, Associate Head, Personnel Department for the past three years has transferred to the Naval Air Missile Test Center, Point Mugu. He will serve that activity as a supervisory Personnel Officer with the Industrial Relations Department and Staff.

What's Doing IN RECREATION

By Helen Michel, Recreation Director Recreation—what is it? We are hearing more and more every day about the big business of recreation and the tremendous strides that field has made in the past ten years. We are also aware of the fact that this will grow and grow.

Recreation, then, is the creative use of leisure time through having a choice from such activities as camping, crafts, dramatics, music, nature, social activities and sports. What may be recreation for one may be work for another, therefore, it is necessary to provide a wide variety of recreational activities from which one may find or develop a special interest.

Do you know that there are over forty special recreational interest groups at China Lake?—and more are being organized each month! Needless to say, there is a wide variety here and there is a choice—from A to Y—from archery, to badminton, ceramics, dancing including square dancing, folk dancing, social dancing, golf, gun club, natural science, photography, rockhounds, skiing, riding—and now a yacht club.

We want you to be a part of this community—so don't hesitate to inquire about or investigate any of the hobby or interest groups you might have an urge to join. If you are wondering if there is a certain activity or would like some information, please call me at Ext. 72017.

We are in a fine area to take advantage of the activities connected with nature. Within an hour's drive or less from the Station there is an excellent opportunity for fishing, hunting and camping—or just taking a picnic lunch on a Sunday drive to Lake Isabella or Kernville.

For those who like to explore, there are unlimited possibilities at the ghost town of Calico, Last Chance Canyon and others in the El Paso Mountains, Red Rock Canyon, the Pinnacles near Trona or the Fossil Waterfall area north of Little Lake.

A leisurely Sunday drive over Walker Pass—a short hike in that invigorating mountain air, or perhaps fishing for a few hours with the family or friends will give you a new outlook on life.

And what could be better than the whole family spending a Saturday morning working in the garden in this beautiful spring weather? Now is the time for you who have a "green thumb" to enjoy the out of doors and beautify your homes and community. It can be work—but make it fun and a time for family recreation!

Recreation Conference Last week I had the opportunity of attending the California Recreation Society annual conference in Sacramento. This is a professional organization and more than 1000 people in all phases of the field of recreation met to discuss trends, plan for the future and discuss problems somewhat common to all.

We participated in special sessions with outstanding speakers, workshops and clinics. There were representatives from the Armed Forces, State Recreation Commission, city and county recreation departments, industrial agencies, military, veteran and private hospitals.

As I mentioned earlier in this column, recreation is becoming a big business and with more leisure time for all, longer life span, and more people in the state, there is much to be done.

Women's Golf Club The Women's Auxiliary of the Golf Club will hold their monthly meeting at the Club House at the Golf Course at 8 p.m. next Monday, March 11. Their regular monthly meetings will be held on the second Monday of each month.

Play Days are planned for the first and third week of each month—so sign up now at the Club House. There will be a charge of 50¢ for each participant.

The ladies also have a Ringer Tournament in progress which is to last two months. The tournament was just started so you may enter anytime. Ladies—some are good golfers, others of us are "dubbers," so don't hesitate to join in the game!

COMING EVENTS

Political Science Lecture The second speaker of the new lecture series treating of the relationship of science and technology to the non-technical disciplines will be Curran V. Shields, Associate Professor of Political Science at UCLA.

China Lake Photo Society Carlos Elmer, well known local photographer and Photo Society member will present an illustrated discussion of his work at the next general meeting Wednesday evening, March 13, at 8 o'clock in the Photo Hut.

IRE Meeting The China Lake section of the Institute of Radio Engineers will feature John K. Gossland at the next general meeting Tuesday, March 12, at 8 p.m. in Room 2067, Michelson Laboratory.

N.A.A.C.P. Meets Tuesday The regular meeting of the Indian Wells Valley Branch of the N.A.A.C.P. will be held on Tuesday, March 12 at 7:30 p.m. in the County Building in Ridgecrest.

Yacht Club Meets Monday The newly organized China Lake Yacht Club will meet Monday, March 11 at 8 p.m. in the Community Center.

CPO Stag Dinner A stag dinner will be held at the Station's CPO Club tomorrow for all members and guests between 1 and 4 p.m.

Tryouts For Little League Tomorrow The China Lake Little League will hold tryouts tomorrow, March 9, at 9 a.m. at the Little League diamonds for 11 and 12-year-old boys.

NOTS Overseas Club The next meeting of the NOTS Overseas Club will be held next Tuesday evening, March 12, in Room A of the Community Center at 8 p.m.

Community Center Adds Dining Service Evening dining services are now available at the Community Center from 4:30 to 9:30 p.m. daily, Monday through Friday. A seven-day service is planned for the future.

NOTS ON THE AIR KABC-TV Channel 7 USNOTS to be featured on Art Baker's "You Asked for It" television show. Sunday, March 10 7 p.m.

KRKS (1240) NOTS NEWS 11 a.m. and 6:30 p.m. daily "OBJECTIVE" Sponsored by the American Chemical Society. 7:15 p.m. — Wednesday MUSICAL MEMORIES 8 p.m. Wednesday Moderator Ernie George will interview Dr. Walter LaBerge, Station scientist.

KRCK (1360) NOTS NEWS 12:10 p.m. daily SHOWBOAT Starting Times: 6 and 8 p.m. Daily Kiddies' Matinee (Special Movie) 1 p.m. Saturday

TODAY "CAPTAIN BLOOD" (119 Min.) Errol Flynn, Olivia DeHavilland No synopsis available. MARCH 8

SAT. "THE QUIET GUN" (77 Min.) Forrest Tucker, Mara Corday No synopsis available. MARCH 9

MATINEE "CRIMSON PRIDE" (104 Min.) Burt Lancaster SHORTS: "Catty Cornered" (7 Min.) "Overland Trail" No. 8 (15 Min.)

SUN.-MON. "THREE BRAVE MEN" (89 Min.) Ernest Borgnine, Ray Milland Timely melodrama. This picture is based on the real life story of Abraham Chasnow whose dismissal by the U. S. Navy as a security risk and subsequent vindication and reinstatement was reported in the Daily News. SHORTS: "Red Riding Hoodlum" (7 Min.) "Outpost in Korea" (10 Min.)

TUES.-WED. "INCREDIBLE SHRINKING MAN" (81 Min.) Grant Williams, Randy Stuart Hair after hour he gets smaller—smaller—smaller—and moment by moment the suspense mounts! SHORTS: "Woody Polka" (7 Min.) "Hollywood Star Nite" (11 Min.)

THURS. "TATTERED DRESS" (93 Min.) Jeff Chandler, Jeanne Crain A body in the street—a bullet in his back and lipstick smeared on his face—and a woman, giggling girl in a torn and tattered dress. Was it murder or was it unwritten law? SHORTS: "Maggie Goes Overboard" (7 Min.) "Under Carib Skies" (10 Min.)

Re-Statement of Navy Non-Discriminatory Policy in Employment Practices Published

Before World War II the equality of opportunity concept lacked the teeth of any government action designed to enforce it. The Pearl Harbor disaster awakened us from this lethargic state however, and the subsequent demand for an all-out war effort focused national attention on this problem. Mass production of war materials was unduly hampered by discriminatory hiring policies which deprived the country of vitally needed manpower.

The first positive action to remedy this condition occurred in January, 1941, when the Administrator of the Federal Works Agency established a regulation prohibiting discrimination in employment in the construction of defense housing projects. Because these initial steps proved to be unsatisfactory and inadequate, the President issued an executive order in June which set up the Committee on Fair Employment Practice. It was pledged to "promote the fullest utilization of all available manpower and eliminate discriminatory employment practices."

V-J day ushered in the wholesale cancellation of government contracts, and the precise extent of this committee's responsibilities became clouded. In December, 1945, a further executive order reaffirmed its authority to eliminate discrimination in government employment and in the performance of government contracts. On January 18, 1955, the President of the United States established the Committee on Government Employment Policy. It replaced the Fair Employment Board, and is primarily concerned with the effectuation of non-discriminatory employment policies within the departments and agencies of the Federal Government.

Gossland will present a paper entitled "Electronic Test Equipment: Field and Factory (Missile Testing Application)." Gossland is vice-chairman of the Los Angeles section of the IRE, a graduate of Newark College of Engineering and the RCA Institute, and has been an electronics engineer with Hoffman Laboratories Inc. since 1950.

Basically this policy assures all qualified persons of equal and just consideration of their applications for federal employment, regardless of race, color, religion or national origin. Equality of treatment is also applicable to all placement practices and procedures within the framework of the government. The Federal Government has endeavored to implement this policy fairly and objectively. The head of each department or agency is vested with the responsibility of carrying it out in all personnel actions. Deputy Employment Policy Officers, designated by the respective department heads, assist in the proper performance of this responsibility. The Station's Executive Officer, Captain F. A. Chenault serves as Deputy Employment Policy Officer of the U. S. Naval Ordnance Test Station.

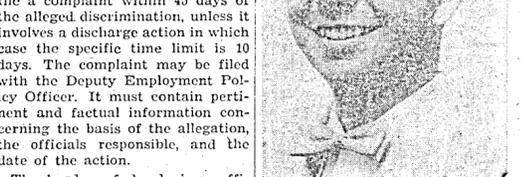
Duties of the Employment Policy Officer are of extensive scope. He serves as an advisor to the departmental head with respect to the preparation of policy regulations and reports. Complaints of alleged discrimination in personnel matters are submitted to him for investigation and original settlement. In addition, he maintains a close watch on personnel operations to insure a uniform adherence to fair employment practices. The most recent regulations adopted by the President's Committee on Government Employment Policy are designed to facilitate the processing of discrimination complaints. Every government employee should be aware of the correct procedure to be utilized in initiating a complaint, and the rights and safeguards accorded him. An employee or applicant must file a complaint within 45 days of the alleged discrimination, unless it involves a discharge action in which case the specific time limit is 10 days. The complaint may be filed with the Deputy Employment Policy Officer. It must contain pertinent and factual information concerning the basis of the allegation, the officials responsible, and the date of the action.

The burden of developing sufficient facts to resolve the issues in the case rests on management—except in cases involving disciplinary action. The complainant is entitled to receive a summary of relevant facts disclosed by the investigation, and he may review the full report on request. He has the right to request and receive a fair hearing, if the findings of the investigation are not satisfactory. If the subsequent adjustment is still unsatisfactory, the entire case will be forwarded to the Department of Navy Employment Policy Officer for review and determination. Officers responsible for the execution of this employment policy are constantly alert to the necessity of preventing the development of unfair practices. Close attention is given to recruitment procedures, and an equitable distribution of employees in all types and levels of positions. When a complaint action arises, every effort is made to handle the case with promptness and objectivity.

In filing a local complaint in which discrimination is alleged, the originator is entitled to address the complaint to the Executive Officer, Code 11. A copy of the complaint letter should be forwarded to Code 651 at the same time the original is mailed to Capt. F. A. Chenault. Each complaint must be in writing and must: Specify whether the alleged discrimination is based on race, color, religion or national origin. Disclose the specific action or personnel matter about which complaint is made. Identify the position involved, the grade (or rating if ungraded), and the unit or office in which located. Identify the official responsible for the action, if known. Give the date of the action. Contain all factual information which the complainant may have to support the allegation of discrimination. In addition to the foregoing, a complaint involving a disciplinary action must set forth sufficient fact or circumstances to form a substantial basis to support the specific allegations of discrimination as opposed to the complainants' mere desire of the "letter of charges" on which the disciplinary action was based.

Kid's Film Features Musical Instruments

"Instruments of the Orchestra" and "The Story of Tuna" will be featured on this month's Children's Film Society program in the Station Theatre tomorrow from 10 to 11:10 a.m. Short subjects included are "Archery for Girls," Artificial Respiration" (new method), and a Bugs Bunny cartoon. Parents of members are cordially invited to attend these showings free when accompanied by a member.



Art Reich

LEAVES—Art Reich, Assistant to the Community Manager for the past two years leaves the Station today for Harrisburg, Pa., where he will become assistant to the Director of Administration for the Department of Welfare in Harrisburg. Reich has been an employee since 1950 and served in Central Staff four years before moving to Community Affairs.

Army Ordnance Representative Is Reassigned

Lieutenant Colonel John H. Savage, Ordnance Corps, was recently transferred to LAOD after spending almost three years as the Army Ordnance representative at NOTS. His replacement is Zis Typaldos, a civilian, who has been employed



Zis Typaldos

at LAOD for about two and one-half years.

Typaldos was born in Chile, where his father was the Greek consulate, and received his high school education in Panama where his father had later entered the newspaper business. Although he had visited the United States several times, he returned here to live in 1941.

He received a BS degree in engineering at the University of California at Berkeley in 1947 and a MS degree at UCLA in 1954. He is presently studying for his PhD.

Typaldos was previously employed at JPL from 1948 to 1952 and at Hydro-Aire from 1952 to 1954, and has been with LAOD since 1954.



J. B. Hood, F.A.

BLUEJACKET-OF-THE-MONTH—Selected by personnel of the Long Beach range as Bluejacket-of-the-Month for December is J. B. Hood, F.A. Hood was selected for this honor because of the outstanding job he is doing as engineer of Landing Craft Utility 1398. A native of Camden, Texas, he received his boot training at San Diego. He hopes someday in the future to become a machinist mate.

Technical Lecture On Cooling Systems To Be Held Tuesday

Mr. John L. Mason will deliver a technical lecture on "The Evolution of Aircraft Cooling Systems" next Tuesday, March 12, at 1 p.m. in the Building 7 conference room. Mr. Mason received a BS degree in meteorology in 1941 at the University of Chicago. Studies at Cal-Tech led to a BS degree in applied chemistry in 1947 and MS and PhD degrees in chemical engineering in 1948 and 1950. He has been with AirResearch since 1950.

The lecture will cover the definition of the aircraft cooling problem in terms of temperature limitations of components materials and the performance capabilities of representative propulsive systems. Comparisons will be made of specific heat sinks and cooling media, including ram air, fuel, expandable liquids, and thermal radiation. Several refrigeration cycles, using air, commercial halide refrigerants, and other substances will be discussed.

Credit Union Urges Deposits

At the February meeting of the Board of Directors of the NOTS Pasadena Employees Federal Credit Union, the resignation of assistant manager, Helen Hamilton, was announced. Board members expressed their appreciation for Helen's two and one-half years of service and wished her success in her new position with the Pasadena Municipal Employees Federal Credit Union.

An announcement was made urging Credit Union members to make more deposits to help meet the demand for the volume of loans.

The Credit Union is open for payments and deposits on Monday, Wednesday, and Friday, from 3-5 p.m. and on alternate Fridays (per annum payday) from 1-2:30 p.m. as well as 3-5 p.m. For convenience of Credit Union members who are unable to come in during the above collection hours, a slot is being installed where you may leave your payment and/or deposit book with a note giving instructions on distribution of amount to be applied toward loan payment or deposit in shares.

United Fund Drive For '56 Is Success

The Annex United Fund Drive for 1956 is now officially ended, according to Vernon Hayes, chairman, and Charlie Gerbracht, treasurer for the drive.

A total sum of \$5,781.75 was collected, exceeding the 1955 total by \$400.

Payment of expenses has been made and funds have been distributed to the various agencies supported by the drive.

Appreciation is extended to the many employees who contributed so generously of their time and efforts in making the drive a success.

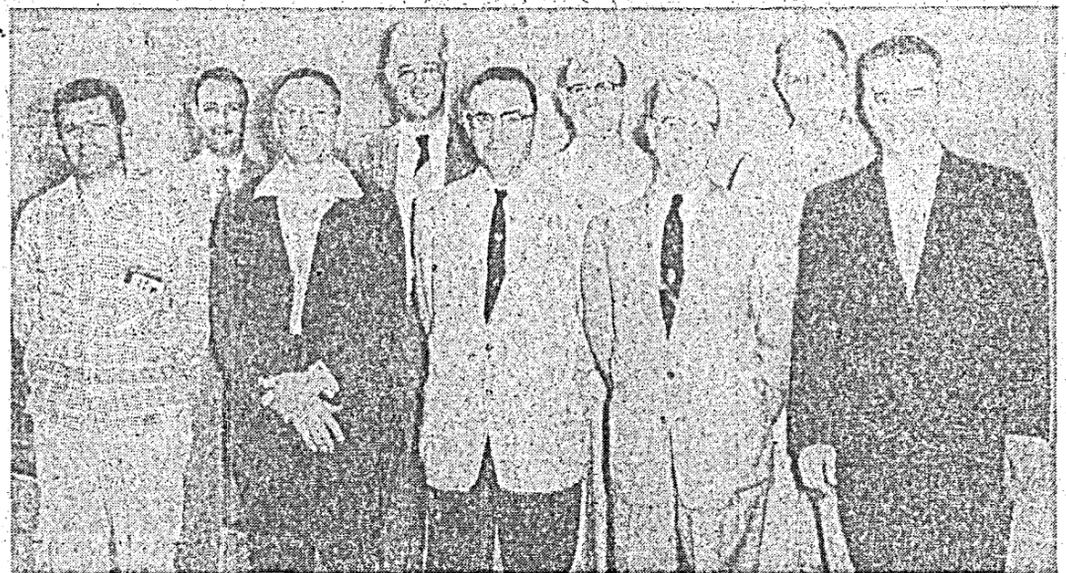


TOURNAMENT CHAMPIONS—Winners in the golf tournament held on February 22 at Brookside Park were John Trzcinka (l) who with a score of 81 won the low gross trophy, and Ed Healey (r.) and Wendell Alexander (not shown) tied with a score of 75 for the low net trophy. Other winners who each received a new golf ball were Gene Osuch, Bill White, Jim Grief, and Bob Crescenti. Twenty-three Annex golfers played in the tournament which was arranged by Nick Saines and sponsored by ESO.

News from Pasadena Annex



FIVE-YEAR PIN RECIPIENTS—Front row (l. to r.) are: Mervin E. Coleson, P5333; Robert C. Wilson, P7092; Walter Lumpp, P7092; Cora M. Harding, P2573; Donald L. MacWhorter, P2562; Michael G. Castañeda, P5333; and Victor C. Muller, P754. Presentations were made by Cdr. J. J. O'Brien, Officer in Charge.



TEN, TWENTY, THIRTY-YEAR SERVICE AWARDS—Shown are part of the Pasadena employees who have received ten, twenty, and thirty-year service awards. Receiving ten-year pins (front row, l. to r.) are: Jack N. Zaun, P8084; Paul Roberts, P8076; David Lamb, P7092; C. Floyd Sapper, P8026; and James A. Smith, P8020. Second row (l. to r.) are: ten-year pin recipients Daniel M. Moore, P8027; Joseph H. Taber, P8081; thirty-year service awardee William B. Parker, P8023; and twenty-year pin awardee Martin W. Nuss, P809. Additional employees who also received ten and twenty-year pins are listed below. Presentations were made by Cdr. J. J. O'Brien, Officer in Charge.

Length-of-Service Pins Awarded to 41

Length-of-service pins were recently awarded to forty-one employees at Pasadena.

Thirty-year Award

One employee received a thirty-year length-of-service pin. He is William B. Parker of Code P8023, shown in the above photograph.

Twenty-year Pins

Six employees received twenty-year pins. In addition to those shown in the above photograph, they are: Frank B. Millard, P8084; Everett F. Gouge and John T. Trzcinka, both of P8094; John G. Waugh, P8074; and David Lamb, P7092, who also received a NOTS ten-year pin.

Ten Years

Pins were also awarded to fifteen employees who have completed ten years of service at NOTS. In addition to the group pictured above, they are: Virgil E. Patterson, Arthur I. Miller, and William C. Macy, all of P8084; Hiram W. Patterson, P8094; Moe W. Rosen, P8071; F. Lucille Collins, P8096; David Lamb, P7092; Clara E. Fluke, P2573; and Evelyn M. McDonald, whose pin was mailed to her as she terminated last November.

Five Years

Twenty five-year pins were awarded. In addition to the group which assembled for the above photograph, the recipients were: George W. Terrell and Theodore G. Lampan, both of P7092; John C. Rayburn, P8023; Andrew C. Cullinane, P8094; John S. Epps, P8046; Richard D. Cannova, P8075; Charles G. Beatty, P802; Harold R. Jensen, P8084; Donald B. Davey, P8089; and Norman H. Kamps, P8092.



BENNY SUGG AWARDS—Pasadena employees who have earned monetary awards for Beneficial Suggestions (l. to r.) are: Elmer W. Creed, \$10; Madge Davis, \$20; Earl S. Knowlton, \$10; and Juanita G. Patterson, \$10.

Ideas Pay—Beneficial Suggestion Awards Earned by 4 More Pasadena Employees

Four more Pasadena employees recently received beneficial suggestion awards.

Madge Davis of the Personnel Division received an award of

twenty dollars for her idea of placing a block behind manila folders forcing them to stay in an upright position in the file cabinet.

Elmer Creed of Supply's Material Division received an award of ten dollars for suggesting use of a material dunnage box which results in monetary savings of \$91.

The suggestion of Earl S. Knowlton of UOD's Guidance and Control Division was to install nonskid pads on certain stairways at Morris Dam. The award was based on improved safety.

Suggestion of a daily purchase list form netted Juanita G. Patterson of Supply's Control Division an award of ten dollars based on intangible savings.

New Employees And Promotions

New Employee
P2573. Bertha M. Walsh, typist, GS-2.

Promotions

P8026. Harry W. Smith to engineering designer (general), GS-8.

P8048. Owen F. Thomas to physicist (general), GS-9, and David L. Elliott to mathematician, GS-9.

NOTS Once 'Wild and Woolly' Says Old-Timer Andreassen

It was a long large tent, and men were seated on benches around a table running the length of it munching their food ravenously. The meal was being served family style, but home was never like this. Men were standing up and reaching across the table for their food, and finally, after a particularly heated soliloquy, one man hauled off and punched another to the floor.

Black eyes were as common as beans for breakfast back in 1944, according to Frank "Andy" Andreassen. He was there. And he us-



Andy Andreassen

ed to eat at the slightly unruly contractor's mess tent which was located just north of the present propane tanks on Sandquist Road.

Andy currently works in the Planning and Estimating Branch of Public Works, but back in 1944 he was right in the midst of the "wild west" atmosphere as an employee of the Maceo McKittrick and Morrison Company, then the prime contractors at NOTS.

"The afternoon I hired in," Andy says, "things looked calm and orderly around the employment office, with few people seeking employment. But I just managed to get in ahead of the 'thundering herd' that arrived on the Station soon after. The 'Bull Cook' assigned me to Bunkhouse 13. It had a floor and walls, but no roof."

Andy says that men amused themselves in the hours after work by shooting craps—an expensive pastime. "I remember seeing one game played in the light of a bonfire for \$100 a shot," he says. Navajo Indians with their hair twisted in a roll as big as your first and wearing ten gallon hats were all around. The 'Old West' had come to life again."

Andy goes on to relate that the only place where gasoline could be bought was in Inyokern and cars would be lined up for blocks waiting to get to the pumps. The telephone lines from the Station to the outside areas were strung along the ground between NOTS and Inyokern.

Ridgecrest consisted of a little

store and a service station (sans gasoline) known as Bentham's Corner and located where the Rexall Drug Store is now.

But soon shacks began to spring up like mushrooms and things started to take shape. Large tracts of ground were cleared and buildings went up all over the Station. More Navy men came aboard. The Navy mess was in the building now used as the Boy Scout Hut, and the Exchange was in the Anchorage building.

By September of 1944, there were 10,000 people employed by the contractors, and Andy says that everything was flavored with sand. Many would leave after a windstorm. They were called "termination winds."

These winds caused a great personnel turnover and new faces were appearing all the time. One fellow came aboard with a boat, expecting to go fishing on "China Lake." When he inquired about the lake, one of the locals pointed to a cloud of dust north of camp and said: "It's down there. See the fog coming in?"

On May 2, 1945, Andy went to work for Civil Service. "Since then," he says, "I have seen NOTS grow to be the fine community we now enjoy. My family and I call China Lake home. We are old desert rats now, and it will take more than a windstorm to move us out."

Charles James Wins Speech Competition

Burroughs High School junior Charles James was named this week as winner of the local Lions Club Student Speakers Contest and will represent this area at the district run-off of the annual event.

Representing Burroughs along with James at the appearance before local Lions were Charles Hobbs, also a speech class student, and Susan Verlock, member of the freshman English and social studies class instructed by Mrs. Beverly M. Aherin. Selected from the school English classes, the students gave ten-minute discussions on the speech contest topic for the year, "My Place in the World of 1976."

Sponsored by the Lions Clubs of California and Nevada, the annual program will offer first place prize of a \$1500 scholarship to any accredited university and second place prizes of three \$500 scholarships.

Designed to provide an opportunity for competitive public speaking among students on subjects of vital thinking and to help students consider the means at our disposal for meeting present and future world problems, the Student Speaker Contest has become an annual affair at Burroughs.

Judging of the speeches is on the basis of effect of the effort as a whole, speech text, delivery and emotional appeal. Views considered by the Burroughs' contestants included areas in education, family, government and the arts.

In charge of the contest for Burroughs was Mrs. Beverly M. Aherin, speech instructor. Directing the program for local Lions was Maurice E. Westfall.



TEN-YEAR SERVICE—Engineering Department employees receive 10-year pins from Earl Ellington (left) Head of the Manufacturing Division. Front row recipients (l. to r.) are: Thomas Marcus, Alvin Lane, and Charles Radcliff. In second row (l. to r.) are: Edd Richards, John Sampson, and Harold Berry.

Job Opportunities

General Engineer, GS-12. This position is located in Public Works Department, Engineering Division, Design and Engineering Branch, Specification and Estimating Section. Duties are to prepare construction estimates for construction and advanced planning for budget purposes; and preparation of specification for construction and contract procurement of construction materials. Interested persons should contact Ann Carter, Ext. 72218 by next Tuesday, March 12.

Personnel interested in applying for apprenticeship in the mechanical trades should file applications now with the Board of Civil Service Examiners. For information call Ext. 72648 or 72069.

Publications Editor (PS&E) GS-10. This position is located in the Department Office of Research Department. The incumbent represents the department in Station technical reportings and devises department policy, serves as teacher, consultant, editor and supervisor in report preparation. He also writes special technical brochures, reports and articles. Interested persons should contact Jim Rhodes, Ext. 71393.

Pitchers Needed On Station Team

Baseball practice will be held for the Station baseball team on the Personnel Diamond in back of the TID building, Monday through Friday at 4:30 p.m. and Saturdays at 10 a.m.

The team will be composed of both military and civilian personnel, and pitchers, in particular, are urgently needed. So if you are a "chucker," be sure and turn out.

Military personnel interested in playing should contact Chief Petty Officer Harry Smith of NAF at Ext. 8375 or Sgt. Don Gladden, MCGMTU. Civilians should contact Herb Guest, Ext. 77502 or Harold Crow.

P. & E. Division Develops Unique New Plastic-Bonded Explosive

According to Admiral Arleigh Burke, Chief of Naval Operations, the Explosives Division of the Propellants and Explosives Department has accomplished what amounts to the most successful solution of a technical problem.

Although he didn't mention the Explosives Division in particular, he talked about PBX. PBX is a plastic-bonded explosive that was developed by NOTS Explosives Division.

In a speech before the 49th Annual Meeting of the American Institute of Chemical Engineers in Boston, Admiral Burke stated that technical problems in Navy equipment fall into three categories: size, weight, and performance.

Improvements in one category, to the detriment of one or both of the remaining categories, are simple, but simultaneous break-throughs in all of these categories are eagerly sought. Recent advances in explosives are outstanding examples of such success, and Admiral Burke believes that the work in plastic-bonded explosives is probably the most dramatic advance in the conventional explosive field.

The reason PBX has met the demands of size, weight, and performance is that (1) more explosive can be packed in the same space because the increase in structural strength gained by use of plastic reduces the use of steel structural members; (2) weight is reduced also because plastic is much lighter than steel; and (3) the performance is higher because of a greater amount of explosive. A report of Admiral Burke's speech appears in "Chemical Engineering Progress" of January 1957.

The story behind this high explosive begins about three years ago when word was received that the Salt Wells Pilot Plant would close because it was no longer needed by the Atomic Energy Commission. At that time, the Development Division of what was then the Explosives Department was almost ready to begin work in a new field and had obtained equipment and personnel to develop plastic-bonded explosives.

K. S. "Kit" Skaar, who was head of the division, proposed that the Station enlist the support of the Bureau of Ordnance for the Development of PBX. He and Robert Van Dolah, Head of the Chemistry Division at that time, talked to various people in Washington, and Bu-Ord agreed to support the project. The AEC generously sold its research and development equipment to NOTS at comparatively small cost, and work began on a light-weight warhead about August, 1954.

During the next two years the Explosives Division devoted its time in part to the improvement of the plastic-warhead case and to the development of PBX processing.

Recently, the first PBX, designated PBXN-1, has been released and will soon be processed by a commercial plant. PBXN-1 stands for plastic-bonded explosive, Navy... the 1 simply indicates that it will be the first mass-produced PBX. The Explosives Division is now engaged in developing new explosives for special applications.

Navy Wives Elect Officers

Louise Smith was elected president of the Navy Wives Club recently at a meeting in the Anchorage.

Other officers elected were: Violet Olsen, vice-president; Shirley Burkholder and Ann Smith, recording and corresponding secretaries; Patricia Biesinger, treasurer; Lorraine McKindsey, parliamentarian; and Betty Milton, publicity chairman.

Guest speaker at the meeting was Walter Milton, HMI, who spoke on the new Dependents Medical Care Bill. Chaplain Hester presided over the meeting.

Any interested persons are urged to join the Club as support is needed to become charter members of the National Navy Wives Club of America. Membership is open to all wives of both the Navy and Marine Corps, and the primary purpose of the Club is to promote friendship and goodwill among service wives, their families, and the surrounding community.

Those interested in joining or obtaining further information may call Louise Smith, Ext. 725124, Betty Milton, 75773, or Chaplain Hester. The next meeting will be on Monday, March 18, at 7:30 p.m. in the Anchorage.

Winner



JEWELL I. GERARD—Supply Department employee earns the department's Mug-of-the-Month award for devising a method of demonstrating individual items contained in drawers at Shop Store 21 enabling self-service customers to see at a glance the nature of the contents.

Housewives can relieve the congestion at the Commissary Store by shopping before 4:30 daily whenever possible.



ENGINEERING DEPARTMENT 5-YEAR EMPLOYEES—Code 55 personnel receiving 5-year pins (seated, l. to r.) are: Emma Jean Metz, John D. Smith and Lois Pinkerton. Standing (l. to r.) are: Charles Fritchman, Jackson Wright, Leonard LaRosa, Fielding Davis, John Rowell and Herbert Singleton.