

The Distaff Side

When it was decided to move the Engineering Department from Pasadena Annex to China Lake in 1954, my husband John, Associate Head of the department, informed me that we would be moving to the desert, too. At first, the prospect of living in this "no man's land" did not appeal to me, but within a few months, I'd learned to love this new way of life, the community and especially the climate.



Dee Dee Cox

As Dee Dee Cox continued to relate her introduction to NOTS, her animation emphasized the sincerity with which she spoke. "After six months at home, I accepted the position of insurance representative and claims adjuster for NOTS Group Health Insurance plan in the Department of Community Affairs."

Before coming to China Lake, Dee Dee had been administering the Health Group plan at Pasadena Annex for the past seven years, in addition to having charge of the dispensary. It was there she met her husband John.

Registered Nurse

Dee Dee's rich background as a registered nurse is barely tapped in her present position, however, her training enables her to understand the problems and extend expert service to the members of the plan.

In addition to three years experience as assistant head nurse of the medical surgical floor at the Cedars of Lebanon Hospital in Los Angeles, she holds a degree in nursing which she obtained at the School of Nursing at the University of Michigan.

This institution is noted for the high standards of its training curriculum. Its nurses and medical students are trained by a staff of medical specialists in all fields of medicine. The bulk of the students' surgical experience is concentrated on exceptional cases such as brain and plastic surgery; congenital deformities; and complex thoracic and general surgery.

Medical Profession Demanding The requirements for members of the medical profession are very high. Students must have a strong

Committee Designated To Find Speaker For Baccalaureate Service

Dr. Earl Murray, Superintendent of China Lake schools, announced this week the annual baccalaureate service for Burroughs High School 1957 graduation class which is proposed to be held in the Station chapel at 7 p.m. on Sunday, June 9. A committee consisting of Haskell G. Wilson, Dr. Max Dubin, and John J. McLaughlin has been selected to provide a layman speaker to present the inspirational message to the graduation class at the baccalaureate service.

The highway of fear is the shortest route to defeat.

desire to serve humanity, possess robust health, patience, emotional stability, and maturity of character. "The demands of the profession are extremely heavy. I've always been impressed with the unselfish dedication of medical men and women," Dee Dee added. "If you don't like people when they're well, you sure as heck won't like them when they're sick!"

Dee Dee, whose real name is Margaret, was born and raised in West Branch, Michigan, a small town in the northern part of the state. Although she has always wanted to be a nurse, her admiration for the family physician, a close friend of the family, further inspired her to serve in the medical profession.

As Dee Dee chatted about her college years, a delightful human interest story unfolded that bears repeating. During her first year in nursing school, she formed very strong ties of friendship with her roommate, LaVerne Hein. After graduation, the two girls moved to Los Angeles where they continued to live and work together for 8 years. During this time, they met and dated Mrs. Cox's two sons, John and Robert. Finally, in February, 1953, Dee Dee married John, and in April, LaVerne married Bob. Today, the two staunch friends are sisters-in-law.

An enduring friendship such as this could only be experienced by one who truly possesses a genuine appreciation for mankind.

What's New... or Old?

IBM 701 Computer Boon In Technical Data Search

You've probably never heard of Thaddeus P. Morton. That's a shame, too, for he made a great discovery. He invented the electric light.

The reason for his obscurity may be attributed to the fact that one Thomas A. Edison had been issued patents for the incandescent electric light some seventeen years prior to Morton's work. And in this sad and simple tale lies a moral... before undertaking a research or development project, make sure someone hasn't beat you to it.

This, of course, is usually a tough job. In Morton's case it should have been easy. All he had to do was walk down Main Street. But you may be faced with the prospect of plowing through an entire library of technical literature. And while you're nodding over some learned and tedious piece of irrelevant writing, someone at NOL may be assuring himself of fame and a GS-15 by beating you to the punch.

At NOTS an attempt has been made to make technical literature searching easier for you. A cooperative effort by the Technical Library and the Computing Branch of the Research Department has resulted in the application of the IBM 701 Electronic Computer to the problem.

Local Poppy Poster Winners Named

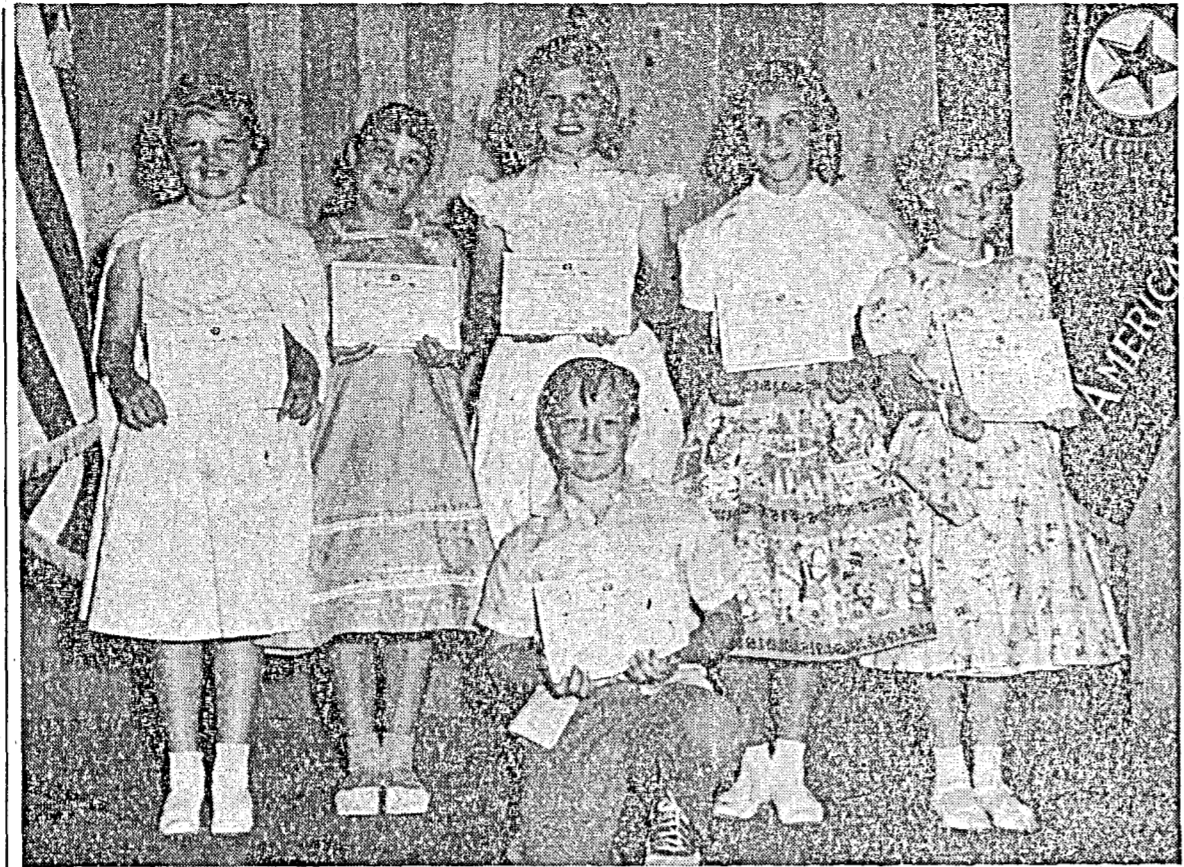
Winners in the Poppy Poster contest sponsored annually by the American Legion Auxiliary for students in elementary grades, Junior and High Schools, have been announced by Mrs. Mae Beach, chairman of the John M. Armitage Auxiliary No. 684.

Winning posters in each group are forwarded to the 27th District Auxiliary chairman where they are judged. Winning posters at this level are then submitted to State and National contests. Senior High School students did not submit posters in the contest this year.

Local Junior High School winners are: Larry Smith, Inyokern, first prize, \$3; Donald Peterson, Inyokern, second prize, medal and citation; and Geraldine Decker, Ridgecrest, third prize, citation.

Fourth, fifth and sixth grade winners are: Tom Frisbee, China Lake, first prize, \$3; Margaret Chapman, China Lake, second prize, medal and citation; and Robert Carty, Ridgecrest, third prize, citation.

Judges of the local contest were Doris Aulds, Alma Hule, Ruth Garrett, Rosalie Peterson, Dorothy Diffily, and Rosalie Weir.



ESSAY CONTEST WINNERS—Patriotic know-how on the subject of the Statue of Liberty earned these youngsters awards in the American Legion sponsored essay contest. Shown (l. to r.): Pat Gilkeson, 3rd prize; Lynne Olds, 3rd prize; Karen Bjorklund, 1st prize; Linda Jo Love, 2nd prize; and Endrea Winkle, 3rd prize. Kneeling in front is Richard Snearly, 3rd prize. The close competition for third place resulted in awarding four third place prizes. Contest chairman for the Legion Auxiliary was Tillie Mayberry.

new reports are added to the library collection, the uniters which describe their contents are added to the magnetic tape.

The program, or series of instructions, which has been written to perform the library search on the IBM 701 Computer allows up to eight uniters to be designated for a single search. It will cause the accession numbers common to these eight uniters to be printed.

One may also assign weight or significance to the uniters in a search, the relative weight being determined by the order in which the uniters are listed. In this case the 701 will designate those accession numbers common to the first two uniters, those common to the first three, etc. Thus, if there is no literature in the file on precisely the information desired, one may look under the next best group of terms for the approximate information desired.

For example, a physicist is interested in the "effect of the atmosphere on the propagation of microwaves." This question is presented to the reference librarian on duty who analyzes the meaning, breaks it down into uniters to be co-ordinated and puts the search information on a form for the use of the Computing Branch. The librarian weighs the uniters in order of relative importance, the most general or most meaningful being listed first and, in sequence, the most specific or least meaningful term last, thus: "microwaves," "propagation," and "atmosphere."

The form is sent to the Computing Branch, key punched in IBM cards and fed to the 701. The results of the coordination are printed on paper and returned to the Technical Library.

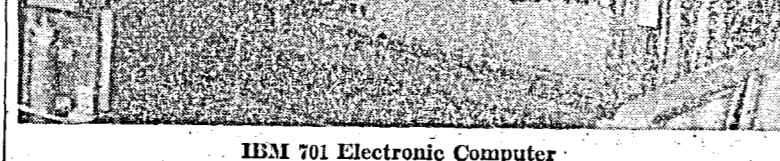
In this example, four report numbers are found to be common to all three uniters and eight additional ones to the more general terms "microwaves" and "propagation." If the desired information

is not located in the four documents, examination of the additional eight may be necessary. The 701 will handle as many as 75 searches simultaneously, that is, by making only one pass through the magnetic tape. Further, it will eliminate from consideration reports written prior to a specific date. Along with the accession number, the computer indicates whether the report is a progress report or a monograph, whether it is of local origin, and whether it is classified "secret."

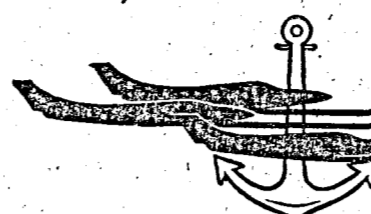
Assuming that 75 searches of eight uniters each are made, the total time required, although partially dependent on the number of accession numbers printed, is of the order of 45 minutes.

The machine procedure has been proven accurate, and actual searches have been made over the past six months. At such time as the demand warrants, a daily schedule will be set up to process the requests accumulated during the day. At any time a search may be made visually by using the Uniterm Card File maintained in the Technical Library.

Now that we have told you about the system, we hope you will look into it. If you want further information about the basic cataloging concept, ask the Technical Librarian. The Computing Branch will be happy to answer questions about the computer application, or to arrange for demonstrations to interested groups.



IBM 701 Electronic Computer



ROCKETEER

Communications Officer



Lt. (jg) Frank A. Kimpel

The Station's new Communications Officer Lt. (jg) Frank A. Kimpel, USNR, reports aboard after two years of communications duties at NAS, Barber's Point, Hawaii.

Before entering military service, Lt. Kimpel attended Polytechnic Institute, Brooklyn, N. Y. where he received his bachelor degree in mechanical engineering. His home is in Glendale, N. Y.

Committee Reveals First Survey Study For New Hospital

(This is the first of a series of reports from a fact-finding committee presently investigating the feasibility of establishing a community hospital in this area.)

The first report of a survey conducted by the Social Studies Group of the American Association of University Women for the Interim Medical Committee of the Community Council to determine the feasibility of a community hospital in this area has been announced by Marion Olds, chairman. The study was conducted under the direction of Dorothy Shepard.

Interviewers were assigned to cover areas outside of their own neighborhoods in the China Lake, Ridgecrest, Inyokern and Wherry housing communities.

In the China Lake area, 190 questionnaires were submitted from the Hill area, Dormitories, old Duplexes, Profabs, Normacs, and trailers.

Forty-four questionnaires were submitted from Ridgecrest, 17 from Inyokern, and 20 from the Wherry housing area.

A recap of answers to questions which appeared in the questionnaire follows:

- Do you feel that another hospital facility is desirable in the Indian Wells Valley? Yes—196, No—71.
- Would you and your family patronize such a facility if it were a properly qualified institution? Yes—169, No—50.
- Do you think such a facility might be financed by donations, Yes—37.
- Or by the purchase of stock from a legally constituted corporation? Yes—88.
- Or by a hospital membership plan in which monthly dues would entitle a member to small reduction on hospital rates? Yes—66.
- By staff doctors? Yes—3.
- By rental of office space? Yes—1.
- By bond issue? Yes—1.
- Where do you think the hospital should be located? Ridgecrest—172; Inyokern—25; Inyokern Road—9; Trona Road—1; China Lake—4; Station Infirmary—1.

Appreciation For Armed Forces Day Effort

On Armed Forces Day the extent of NOTS participation in national defense was demonstrated in excellent fashion, both on the ranges and in the laboratories. The day's program was precisely executed in all of its many aspects. I believe our visitors carried with them a reassuring impression of our work and the spirit with which we work.

The preparations for Armed Forces Day were equally expressive of what could be called the "NOTS attitude." This was exemplified by the manner in which Commander H. F. Lang took charge and directed the over-all program and the way in which all organizations on the Station rallied behind him in what soon became essentially an all hands evolution.

To all hands my thanks for prompt assumption of responsibility and my congratulations for a most successful operation—Armed Forces Day—1957.

Top High School Students Honored

Charles Walker was named valedictorian and Gary Reynolds salutatorian for the Class of 1957 this week at Burroughs High School in honor of their four years of scholastic achievements.

Receiving outstanding ratings in both scholastic abilities and extra-curricular activities, the two boys have played important parts in student life at Burroughs, Kenneth W. Westcott, vice-principal, stated.

The two will participate in the Commencement exercises scheduled to be held at 8:30 p.m., Friday, June 14, in the Station Theater. Speaker for Burroughs' twelfth and largest graduating class will be Dr. Paul Smith, president of Whittier College.

Walker, who is a life member of the California Scholarship Federation, was recently named winner of the Elks Award to the Most Valuable Student. He was last year's delegate from Burroughs to the Boys State program; has served as president of the Assembly Committee; received the Achievement Cup for outstanding freshman; served as a member of the Athletic Board and has been active in the Tennis Club.

Reynolds, also a life member of the scholastic honorary CSP, served as vice-president of the CSF; photographer for the 1957 El Burro year-book, and has been active in student organizations.

Walker and Reynolds will be honored on June 13 at the annual all-school awards assembly as Bank of America Achievement winners while Reynolds will receive the trophy cup for excellence in the field of science and English and Walker will receive a certificate for excellence in science.

Walker is the son of Mrs. Nancy S. Glover and Reynolds of Mr. and Mrs. Roland W. Reynolds.

Chief Quarterman Exams Now Open

Applications are now being accepted for Chief Quarterman (Utilities) and Chief Quarterman (Buildings, Grounds, and Roads) competitive promotion examinations by the Detached Representative, Board of Examiners 11ND (NS), Personnel Department at China Lake.

Qualified personnel at China Lake and Pasadena Annex may apply provided they are serving under a career or career-conditional appointment.

Application card Form 5000AB must be received or postmarked not later than June 12, 1957.

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- Or by a hospital membership plan in which monthly dues would entitle a member to small reduction on hospital rates? Yes—66.
- By staff doctors? Yes—3.
- By rental of office space? Yes—1.
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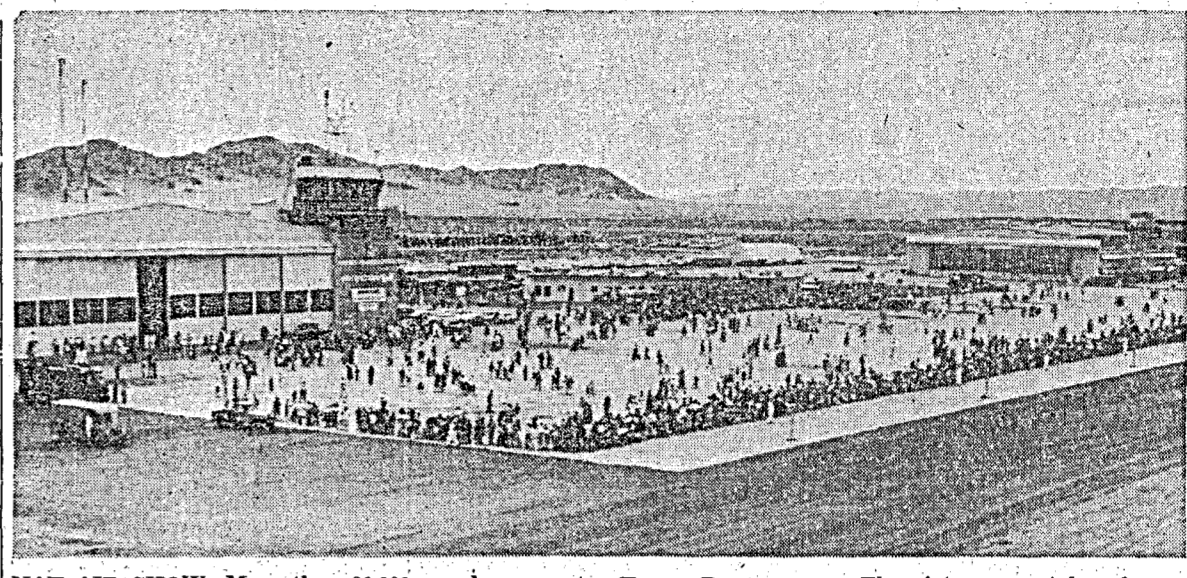
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Captain F. L. Ashworth Station Commander



NAF AIR SHOW—More than 20,000 people were at Forces Day program. The picture was taken from a NAF last Saturday to witness the Station's Armed helicopter at 9 a.m. as the crowd arrived.

Polio Clinics Open For Military and Civilian Personnel

A polio immunization clinic will be held for persons from six months to 40 years of age in the Anchorage Building from 1 to 4 p.m. next Monday, May 27, according to information received from Dr. H. H. Snyder, Public Health physician, Kern County Health Department.

This clinic will provide first, second and third shots of polio vaccine. Interested persons should compute their eligibility for second and third shots as follows: Second dose should be given one month to one year after the first dose; and the third dose should be given seven to 18 months after the second dose.

Civilian Personnel Captain H. L. Anderson, Station Medical Officer, advises all civil service employees to avail themselves of this opportunity to obtain polio immunization at this time. However, employees receiving the vaccine must do so on a voluntary basis.

Local residents of the Ridgecrest area will be permitted aboard the Station for the purpose of polio immunization during the above clinic hours. Visitor passes will be issued upon suitable identification for this purpose.

This clinic is jointly sponsored by the Kern County Health Department and the Medical Department, NOTS, in keeping with the current policy as established by the Office of Industrial Relations, Navy Department.

Military Personnel All military personnel and their dependents are encouraged to take advantage of the polio clinic held at the Station Hospital on the first Tuesday of each month from 3 to 4 p.m.

First, second, and third inoculations of polio vaccine will be given to military personnel and their dependents, ages six months and over. Children under 12 years of age must be accompanied by their parents. No appointment is necessary. A copy of DD Form 737, "Certificate of Inoculation," forwarded to military dependents who previously received polio inoculations.

These forms will not be issued to military personnel. Record of inoculation will be entered in the Health Record.

Pay Rents to U.S. Treasurer Now

New accounting instructions received from the Office of the Comptroller, Department of the Navy require that rental checks for Station housing be made payable to the Treasurer of the United States.

Housing Office officials request the cooperation of Station residents in complying with the new regulations.

Spectacular Air Show Highlights NOTS Armed Forces Program

More than 15,000 visitors were on the Station last Saturday to witness the most spectacular Armed Forces Day demonstration ever presented at the Naval Ordnance Test Station.

Top attraction during the event was the air show put on by the Naval Air Facility, with over 20,000 on hand to witness the featured flights and firings.

The TERRIER guided missile provided the first real thrill of the day by streaking out of its Marine Missile Unit launcher at more than twice the speed of sound to blast a target drone out of the sky at what appeared to be more than five miles away. The overflow crowd was visibly impressed by this awesome display of explosive accuracy.

Four F6F propeller aircraft next performed an aerobatic demonstration with aviators from three different services as pilots: Captain Robert Howard, USMC; Commander H. F. Lang, USN; and Major D. U. Elmurry, USAF. A brilliantly executed loop over the crowd in front of Hangar 1 was a highlight.

To keep the show going at a breathtaking pace, 48 Air Force aircraft from George AFB came winging over the field at exactly the scheduled time of 10:52 a.m. with a supersonic F-100 cutting in its afterburner low over the runway to provide an exciting flyby.

Another feature of the show was the air-to-ground rocket firing. Cdr. R. R. Newman appeared first, firing 84 2.75 MIGHTY MOUSE rockets from an AD Skyraider.

Robert Moore followed in an F2H Banshee with additional 2.75 ripple firings, and Lt. R. L. Westcott, in an F9F Cougar topped off the rocket display by firing eight ZUNI's, the Navy's newest air-to-ground rocket.

Continuing the demonstration with tactical bombing techniques, VX-5 and NAF pilots were invariably on-target. Lt. E. R. Christie demonstrated the over-the-shoulder method, which proved to be the most crowd pleasing as well as the most accurate of the day. Lt. Christie flew an A4D Skyhawk.

Other pilots demonstrating tactical bombing techniques were Lt. S. B. Schoenberger and Lt. Hal Sparks in glide bombing at high altitudes, and two Marine pilots, Capt. J. G. Martz and Major Don Wegley, in loft bombing.

Lt. Joel Prenselaar demonstrated the mighty ability of the Navy's F4D Skyraj jet to the delight of the crowd. Taking off the NAF runway, Prenselaar pulled the supersonic jet into a steep, vertical climb almost immediately, showing nothing but the glow of the afterburner to the crowd below.

Lt. Lee Kirkemo followed with a low, high-speed pass over the crowd in an A3D Skywarrior, the Navy's new carrier-based jet bomber. Other features included a propellant-burning demonstration in which 15,000 pounds of sheet pro-

pellant were ignited, and a simulated rescue operation by pilots of the Civil Air Patrol and NAF. Lt. P. J. Norcom, local Civil Air Patrol pilot flying a Piper Tri-Factor, dropped survival gear to a downed pilot who was then rescued by an NAF helicopter.

A local Marine Barracks Department compliment contributed to the show by staging a mock attack on ground positions, utilizing small arms as well as a flamethrower and demolition charge to "polish off" the simulated enemy emplacement.

LCdr. Glenn Tierney, piloting an F9F Cougar, capped the air show by scoring another hit, this time air-to-air, with the Station's ever-reliable SIDEWINDER guided missile. All in all it was a bad day for target drones, but a good one for the 20,000 on hand who found it an exciting climax to another successful Armed Forces Day air show at NOTS.

In the afternoon, the visitors witnessed two firings at the SNORT track; toured Michelson Lab and Thompson Aeroballistics Lab; and watched continuous movies depicting the work of the Navy at the Station Theatre. They doubtless left the Station with a greater knowledge of the Navy's part in this country's "Power for Peace."

New NAF Officer



Cdr. A. O. Turner, USN

Newly arrived Drone Operations Officer, Cdr. A. O. Turner, reports for duty at the Naval Air Facility from duty on Staff, COMFLOG-WINGLANT/CONTL in Patuxent River, Maryland.

This is Cdr. Turner's second duty at this Station. His last Station assignment was from 1947 to 1950. He and his wife Rose live at 600-A Kearsarge with their two sons, Michael 13, and Jerald 10.

ROCKETEER

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

The Rocketeer, an authorized Navy publication is printed weekly by Hubbard Printing, Ridgecrest, Calif., with appropriated funds and in compliance with NAVEXOS P-35, Rev. November, 1945.

BUDD COTT Editor W. E. JACKMAN Asst. Editor PHYLIS WAIR Staff Writer

China Lake Little League Schedule

Table with columns for Diamond No. 1, Diamond No. 2, and Diamond No. 3, listing dates and opponents for various teams.

Schedule of Games for Double "A" League Teams

Table with columns for Diamond No. 1 and Diamond No. 2, listing dates and opponents for various teams.

La Rocca, NAF Beat Pilot Plant For First Loss Since 1953

Since the beginning of last week, the Pilot Plant softball team has found the going a little rougher than at any time during the past four seasons.

On May 13 the Engineers tied the high-flying Pilot Planters, and on May 15 NAF beat them 6-3 for their first loss since the 1953 season.

Anthony La Rocca silenced the Pilot Plant bats, struck out 10, and gave up only four hits in the upset win for NAF.

Pitcher Hank Green of the Pilot Plant had no one to blame but himself. A combination of walks, hit batsmen, and very timely NAF bingles led to his downfall.

The only real trouble La Rocca got into was in the last inning when Pilot Plant first baseman Bob Forrester picked out a fat one and sent it high and far over the fence in right center with a man on for the loser's last two runs.

Harry Smith acts as player-coach for NAF, and he's also one of the League's best stickers when he decides to play himself.

Tonight, NAF meets the wireless CPO Club at 8 p.m., while the Engineers meet Marine Barracks in the first game at 6.

Softball Standings table with columns for Team, Won, and Lost.



NAVY RELIEF—Captain E. L. Ashworth, Station Commander, launches the 1957 Navy Relief Society Fund Drive by giving his annual contribution to Chaplain Hester, Chairman of this year's drive.

Quarterly Housing List Closes May 31

C. J. Fallgatter, Head of Housing Division, has announced that additional entries for the Station housing list for the quarter beginning July 1 will be accepted until May 31, 1957.

The early deadline is necessary to allow sufficient time for publication. However, new employees or promotions will be considered until May 31.

Applications should be filed at the Housing Office if a person is a new employee and has never before applied for housing.

Employees who wish to be considered for other housing and have not reapplied after being assigned family quarters, including trailers, should also file an application.

Those carried correctly on the April list who have not been assigned or offered family housing need not make further application at this time.

Home Is Requested For Exchange Student At Burroughs, 1957-58

Volunteers to furnish housing for next year's foreign exchange student at Burroughs High School were requested this week by an adult committee formed to assist the Burroughs California Scholarship Federation in the exchange program.

Families who could offer a home to the foreign student for the coming year when he or she will attend Burroughs classes are asked to telephone Leona I. Osborne at Extension 7-5601 or to write her at 139-B Hornet.

A boy student has been requested through the American Field Service, sponsors of the program, according to Carolyn Ridpath, student chairman for the CSF.

Sandra Witt Winner In Chemistry Contest

Winners have been announced in the High School Chemistry Contest which was conducted on May 4 by the Mohave Desert Section of the American Chemical Society.

Sandra Witt, daughter of Mr. and Mrs. Frederick Witt, 410-A McIntire, China Lake, was the only student from eastern Kern County among the eight winners.

Superintendent's Notes

By DR. EARL MURRAY, Superintendent of China Lake Schools

(Editor's Note: In view of the general interest in the current school decisions, the following article is published for background on our local schools system, which will soon complete its 12th year of operation.)

A public school system was established on the Station by special act of the State Legislature and was opened for the first time in September 1945.

At the present time the Board operates four schools with grades kindergarten through the sixth and one with grades seven and eight.

The seventh and eighth graders are also offered special help in music, shop, home economics, science, mathematics, art, developmental reading, and physical education.

The present enrollment in the elementary district has just passed the 2000 mark with a staff of 83 certificated personnel.

The Burroughs High School, operating as a member school of the Kern County Union High School District and serving grades nine through twelve has an enrollment of 706 with a certificated staff of forty teachers and serves all the students of high school age in the Indian Wells Valley.

The high school district also maintains a large Evening Adult School, a trade Apprentice School program, and several Junior College classes under the Bakersfield College.

The elementary school is financed largely through income from the state program and the U.S. Office of Education. It receives some help from local taxes which come primarily from personal property, since there is very little real property on the Station which is not owned by the Federal Government.

The high school is largely financed by taxes from the Kern County, Union High School District, with some assistance from state aid and the U.S. Office of Education.

Both the elementary and high school provide educational opportunities for the children and youth of the area.

What's Doing IN RECREATION

By Helen Michel, Recreation Director

"A fabulously wonderful weekend" was the term used to describe the "Champagne Flight" on the chartered bus trip to Las Vegas by all who went with us.

Lucky winners of the beverage were the James Rickhoffs, Howard Kellys, John Cleavelands, Bill Gaudinsons, Ray Savages and Cass Roquemores—and we all shared it!

The final results of the Men's Ladder Tournament which has been in progress since February are as follows: Winners—1st place—Leo Enriquez; 2nd place—Capt. F. B. Gilleson.

Plan to attend the Station Dance tonight, with "The Millionaires" providing the music at the Community Center. This dance is for adults only, on the Station, so come any time after 9 p.m.

No Dance Tonight At Community Center

Due to construction work on the building, it has been necessary to cancel the dance for tonight. However, do plan to attend the next one on June 7.

SHOWBOAT

Starting Times: 6 and 8 p.m. Dolly Kiddies' Matinee (Special Movie) 1 p.m. Saturday

TODAY "WEST POINT STORY" (107 Min.) James Cagney, Virginia Mayo

SAT. "HIT THE DECK" (112 Min.) Jane Powell, Tony Martin, Debbie Reynolds

SUN.-MON. "BAILOUT AT 43,000" (79 Min.) John Payne, Karen Steele

TUES.-WED. "LONELY MAN" (86 Min.) Jack Palance, Anthony Perkins

THURS. "BEYOND MOMBASA" (90 Min.) Cornel Wilde, Donna Reed

NOTS ON THE AIR KRKS (1240) NOTS NEWS 10:30 a.m.—12:05 p.m.—6:30 p.m. Monday through Friday

MUSICAL MEMORIES 8 p.m. Tuesday NOTS Personality Interview

"OBJECTIVE" Sponsored by the American Chemical Society. 7:45 p.m. — Wednesday

KRCK (1360) NOTS NEWS 12:10 p.m. daily

"Honor the Dead . . ."



Local residents will be given the opportunity to "Honor the dead by helping the living" today and tomorrow when Buddy Poppies will be on sale throughout the area.

Commander James Holton of the local V.F.W. Ship 4084 emphasized that all contributions received during the campaign will be used to help needy and disabled veterans and the widows and orphans of deceased veterans.

Malinda Reck, daughter of Mr. and Mrs. George S. Reck, 408 Haloid Street, Ridgecrest, was chosen Buddy Poppy girl for Indian Wells Valley at a special ceremony during the last meeting of the Ladies Auxiliary to Lloyd E. Frost Ship 4084:

FIRST BUDDY POPPY SALE—Malinda Reck launches the VFW Buddy Poppy Days, May 24-25, with the sale of a Buddy Poppy to Capt. F. L. Ashworth, Station Commander.

Coming AND Going

New Employees: Rocket Development — Edward Baklini, Charles H. Steric. Supply—Albert E. McGilvery, Jacob W. Rochester, Jr., Betty J. Kellam, Mary C. Seaman.

COMING EVENTS

Navy Wives Convention

Four representatives of Navy Wives Club No. 125 will attend the Navy Wives Southwest Regional Convention in San Diego, May 23-25.

Weight-Losing Group

A group of local people interested in losing weight who have been meeting informally since last January will hold its first election of officers next Monday, May 27, in the Community Center at 8 p.m.

Band Concert

The 50-piece Burroughs High Band, directed by George Carson, will give a concert on Tuesday, May 28, at 8 p.m. in the high school cafeteria.

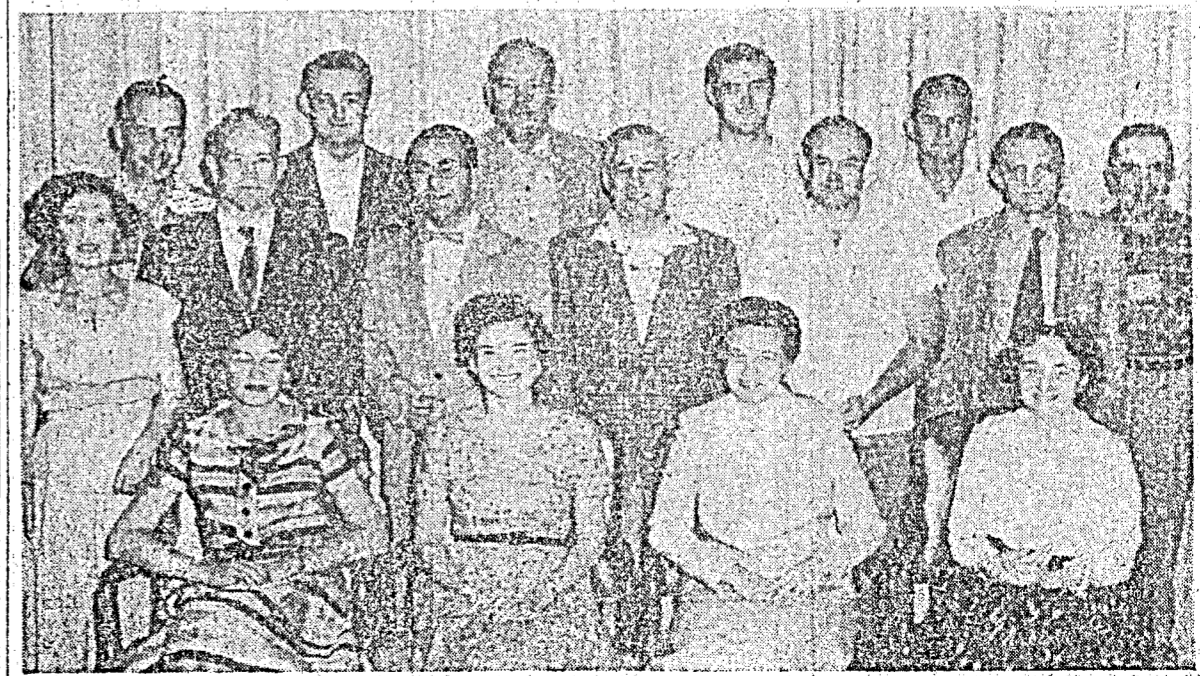
Rockhounds Will Tour Lapidary Hut

Following the Rockhounds 7 p.m. meeting next Monday night, May 27, there will be a tour of the Lapidary Hut with demonstrations on the work that can be done with the equipment.

Royal Gould will give the mineral lesson of the month and Paul Rivetta will talk on the birthstone of the month, the emerald.



PUBLIC WORKS WOMEN AWARDED—Alice Harris (second from left) Clerk-Stenographer receives a \$200 award, and Evelyn Miller (right) Duplicating Operator receives a \$100 award for Superior Accomplishment from Capt. G. H. Carrithers, Public Works Officer. J. E. Searly (left) the recipients' supervisor, attended the presentation.



AOD OUTSTANDING PERFORMERS—Eighteen members of the Aviation Ordnance Department were recently presented outstanding ratings at a ceremony presided over by Department Head Dr. N. E. Ward and division heads. Front row (l. to r.) Inez Piacenta, Evelyn Ducoff, Evelyn See, and Florence Vann. Middle row: Mary Hooper, Richard Leech, Francis Martin, Mel Brown, Bob Crawford, Carl Freeman. Top row: Niel Waggoner, Ed Park, Russell Huse, Don Wheeler, Richard Chatterton, and Everett Burnett.



**NOTS INVENTORS**—Receiving patent certificates are Fred Eaton (center) and Allen Billmeyer (right). Making the presentation is D. J. Wilcox, Head of Underwater Ordnance Department.

## Patent Certificates Received By Two UOD Men—Eaton, Billmeyer

During recent ceremonies, patent certificates were presented to Frederic N. Eaton, a launcher design engineer, and Allen K. Billmeyer, an ordnance design engineer, both of Underwater Ordnance Department. The patent papers were presented to the men by D. J. Wilcox, Head of the Underwater Ordnance Department. Others at the ceremonies included Tom Mico, Bud Kunz, Eugene Osuch, Frank White, Vic Muller, and Frank Epstein.

Mr. Muller and Mr. Epstein of the Patent Office assisted in obtaining the patent. They also tell us that Billmeyer was the first NOTS inventor to submit an invention disclosure to the Patent Division for patent processing. This disclosure was first submitted to the division in November 1951, the Patent Division having been established in the Fall of 1951. Since that time, approximately 700 invention disclosures of NOTS inventors and NOTS contractors have been submitted for processing.

Billmeyer's invention relates to apparatus for indicating the location of submerged test missiles. He explains that underwater ordnance experimentation requires extensive launching of missiles, often in deep water in lakes or other bodies of water where they become imbedded in deep mud on the bottom. As these missiles are often quite expensive and as their recovery is

necessary for the evaluation of results, the problem of locating them on the bottom becomes important; thus, the idea for his invention was born.

Eaton's invention relates to electrical connectors and has more particular reference to that class of electrical connectors which are employed to provide a separate electrical connection between an aircraft and an electrical cable for conveying power from a source on the aircraft to a missile carried by or launched from an aircraft.

The invention provides a break-away electrical connector for reusability connecting an aircraft-missile electrical cable to the aircraft. The connector is relatively simple in its construction and operation, reliable in use, and operates to automatically disconnect the cable from the aircraft immediately following detachment of the cable from the missile.

# News from Pasadena Annex

## Cast Your Vote Today For ESO Representatives

Procedures for election of representatives to the Employees Service Organization Council for Fiscal Year 1958 began earlier this week with nominations being made throughout NOTS Pasadena for representatives.

### Vote Today

Ballots were distributed with the pay checks this morning and ballot boxes have been placed conveniently throughout the Annex, generally with division secretaries. All employees are eligible voters and are urged to cast their ballots by 2 p.m. today.

### ESO Council

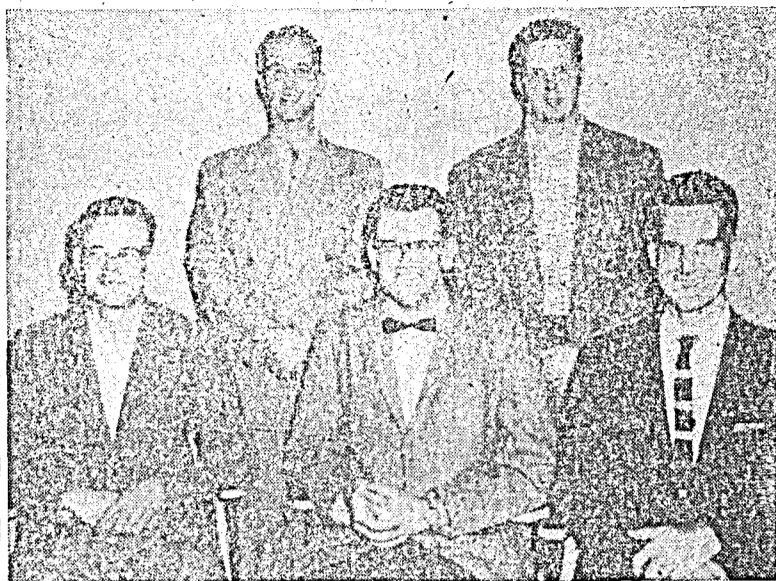
The Council of Employees Service Organization is made up of three representatives from the Foothill location, and one from the Morris Dam Test Range. The new Council elects a president from its own membership and appoints a treasurer.

### Projects

Some of the projects operated by ESO include canteen services; group health, accident, and life insurance; and a recreation program of sports, dances, picnics, and special events.

The health program includes the sale of vitamins, and arrangements with the American Red Cross Blood Bank for a special NOTS blood bank where employees may donate blood. If the need arises, any employee may withdraw blood for himself or members of his family.

ESO also provides banking facilities for United Fund drives, makes arrangements with approved discount houses for purchases by employees, and issues identification cards which show affiliation with NOTS.



**COURSE COMPLETED**—Graduating junior professionals (seated, left to right) are: Frank Ludwig, Norman Telleson, Chuck Black. Standing are Calvin Sweat (left), and Jim Berget.

## Six Graduate From JP Program, Wilcox Presents Certificates

Six young men in the Underwater Ordnance Department received certificates of graduation from the Professional Development Program at a recent luncheon meeting held at Monty's Talk of the Town. Presenting the certificates was D. J. Wilcox, Head of the Underwater Ordnance Department. The graduating professionals are Frank Ludwig, Charles Black, Norman Telleson, Calvin Sweat, James Berget, and Shelby Sullivan.

Two of the junior professionals in the graduating class, Frank Ludwig and Chuck Black, spent only six months in the program as both have had previous work experience—Ludwig having spent seven months in the program at China Lake and Black having had previous work experience as well as having taken graduate classes.

The other four graduates have each spent from one to one and one-half years in the program.

### Frank Ludwig

Ludwig is a graduate of Montana

State College, Bozeman, and holds a B.S. degree in engineering physics. He came to NOTS Pasadena in February 1956 where he spent six months in the Professional Development Program, having been in the program for seven months previously at China Lake. In the interim, he spent three years in the U.S. Navy. He is now a physicist in the fire control branch.

### Charles Black

Black also spent only six months in the program, because of having had previous work experience as well as having taken graduate classes. He holds a B.E. degree in engineering from the University of Southern California, came on board in January 1956 as a mechanical engineer. He is presently a general ordnance design engineer in the fire control branch.

### Norman Telleson

Telleson reported to NOTS Pasadena in September 1955. He is now an electronic scientist in the Systems Operations Division, electronic and instrumentation branch. He has a B.S. degree in electronic engineering from the University of California at Los Angeles.

### Calvin Sweat

Sweat has an A.B. degree in mathematics from San Francisco State College, and has 34 graduate credits at the University of California. He came to NOTS Pasadena in March 1956 and went to Key West, Florida with an evaluation group while still in the Program. He is presently a mathematician in the Guidance and Control Division.

### James Berget

A graduate of Occidental College, Jim holds a B.A. degree in physics. He came aboard in February 1956, completed the program's schedule in February 1957 and is now a physicist in the range branch, Systems Operations Division.

### Shelby Sullivan

Sullivan holds a B.S. degree in electronic engineering from the University of Washington. He came to NOTS Pasadena in April 1956, recently completed the program and is now assigned to the electronics and instrumentation branch of Systems Operations Division as an electronic engineer.

## Swim-Gym Party

Plans have been announced for a NOTS swim-gym party to be held on Saturday evening, June 15, 7:30-10:30 p.m., at the YWCA in Pasadena.

Facilities include a well-heated pool with a life guard on duty, and facilities for playing volleyball and ping-pong.

The party is limited to 40 persons so make your reservations early. Call Flo Pincus, Extension 185.

## ANNEX VACANCIES

**Electronic Engineer, GS-13.** Position is located in the Bureau of Ordnance Technical Liaison Office, Southern California Area, with duty station at Pasadena Annex. Incumbent will serve as scientific and engineering assistant to the Bureau of Ordnance Technical Liaison Officer, who represents the Bureau in matters of research and development liaison and coordination in the Southern California Area. He will make periodic visits to industrial firms and military agencies engaged in guided missile projects for the Departments or Navy, Army, and Air Force for the purpose of noting and appraising research and development progress. He will gather and transmit to the Bureau technical data of interest to the various branches of the Research and Development Division. Contact Cdr. D. L. Byrd, Extension 150.

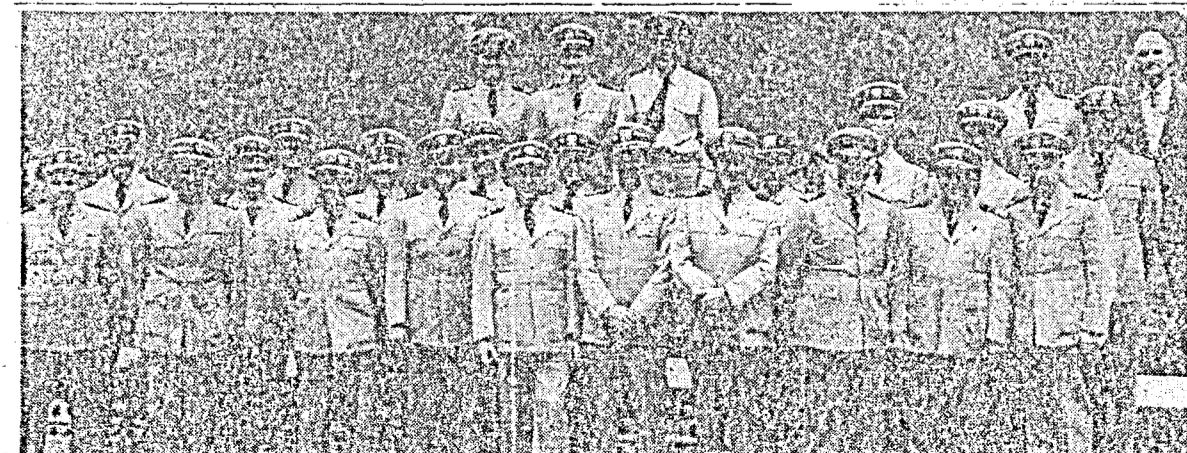
**Ordnance Engineer, GS-12.** Position is located in the laboratory branch, Systems Operations Division, Underwater Ordnance Department. Primary duties will consist of adaptation of the torpedo Mark 43 Mod 3 to RAT, detail design and

manufacture of prototype and production hardware compatible with existing RAT weapon system, preparation of test programs, test schedules, cost type schedules, progress reports and final program reports on NAVORD form. Duties involve a combination of mechanical and electrical engineering, and persons qualified in either field will be considered for the position. Call Betty Rutler, Extension 110.

**Torpedo Design Engineer, GS-12.** Position is in the Underwater Ordnance Department, Torpedo Development Division, Torpedo Design Branch. Incumbent will serve as senior project engineer and responsibilities will include supervising, directing, and coordinating new torpedo mechanical design and integration assignment within the branch. Incumbent must have applicable experience in mechanical design of torpedo shell, structures, and sections and must have a working knowledge of hydraulics and thermodynamics, particularly in regard to underwater ordnance devices. Contact Marion Kelly, Extension 108.



**BON VOYAGE**—Members of the NOTS Overseas Club shown leaving NOTS for a month-long vacation in Europe (l. to r.) are: Lucille Collins, Marion Kelly, Fred Vandembrouck, and Joe Taber. The group left last Friday evening from Burbank on a flight to New York where they boarded a charter flight on Sunday to Europe. Also on the trip with the group are Mrs. Vandembrouck, Mrs. Taber and ex-employees Betty Roche and Maxine Ellis and her husband, Denbigh.



**NAVAL RESERVES**—Naval Reservists on active duty at China Lake for two weeks spent two days at Pasadena activities. Shown above at the Morris Dam Test Range (l. to r.) are: Lt. H. R. Anderson, LCdr. L. C. Richards, Lt. G. Zuniga, Lt. W. W. Russell, Cdr. J. D. McClelland, Cdr. S. N. May, Cdr. H. B. Shaw, Cdr. J. C. Baird, Cdr. G. C. Ruhle, LCdr. T.

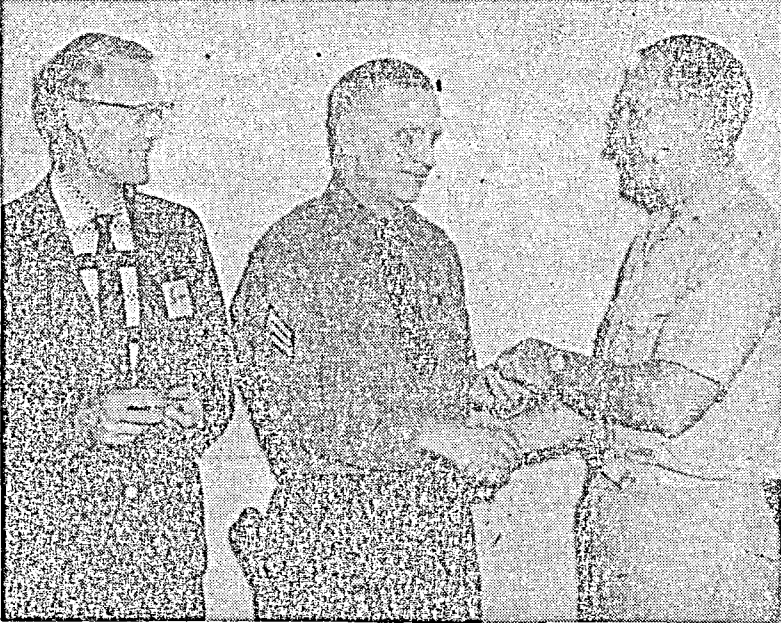
Moore, LCdr. K. C. McLaughlin, Lt. (j.g.) F. D. Ray, Lt. (j.g.) E. D. Shropshire, Lt. W. Cannizzo, Lt. (j.g.) Ken Miller, Lt. J. I. Black, Lt. W. C. Whitner, Lt. J. R. Carter, LCdr. A. T. Steinkamp, Lt. (j.g.) W. F. Miller, Lt. R. W. Smith, Lt. Paul Stang, Lt. O. A. Tueitmo, Mr. Gordon Sears, and Cdr. S. Johannesen. The reservists toured both NOTS facilities.

## NOTS Golf League Tells Scores For Two Week's Play

After two weeks of play, standings in the NOTS Golf League are: Duffers, 7½ points; Divot Diggers, 5 points; Pea Pickers, 4½ points; with the rest of the field running in close play.

During the first week of play, Bill Aitchison was low gross winner and Wendell Alexander lot net winner. The second week's play brought Jim Griel prize for low gross and Ken Simmons the prize for low net. A golf ball was awarded to each winner.

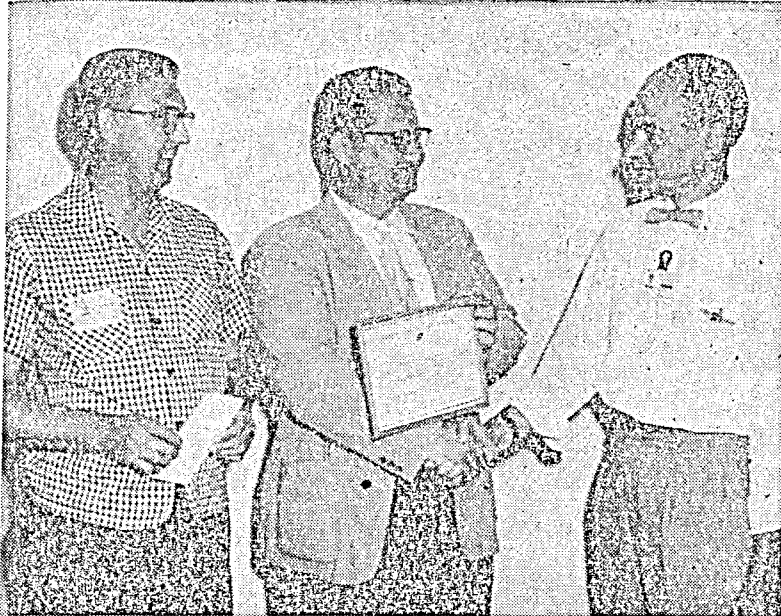
Wendell Alexander took the spotlight this week when he shot a 35 net with one out of bounds, which indicates that he is in fine shape for the tournament.



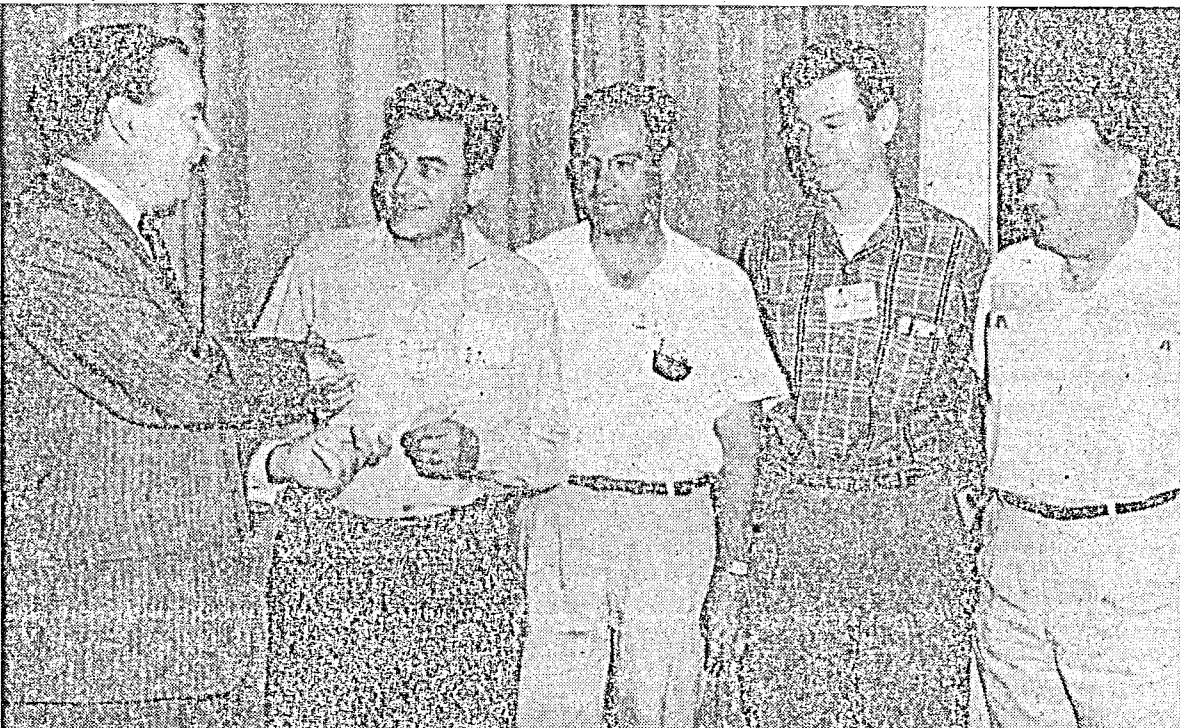
**TWO DECADES**—Employees of Command Administration Department are presented 10-year service pins by Cdr. F. R. Whitby, Jr., department head. Recipients (l. to r.) are R. H. Bodwell, Assistant to the Security Officer; and Sgt. Albert B. Lawrence of the Police Branch.



**SUPERIOR PERFORMANCE**—Superior accomplishment awards were recently presented in Central Staff to Dick Gray (left) \$200; Blanche Wood (second from right) \$200; and Gordon Draper (extreme right) \$300. Central Staff Head Bernard Smith (second from left) made the presentations.



**BENEFICIAL SUGGESTIONS**—Dr. Frank Fulton (middle) presents beneficial suggestion awards to Rocket Development employees E. A. McDuff (left) \$10; and Sid Shefler (right) \$125.



**AWARDEES**—Engineering Department Head K. H. Booty (left) presents beneficial suggestion awards to A. V. Sievert, Jr., \$10; Donald L. Storey, \$10; Andrew W. Hintz, \$40; and Solburn L. Ingle, \$95. Gordon F. Zurn, another \$10 awardee, was not present for the photograph.

## Fed. Employees Bag \$6,000,000 In Awards Plan

Federal employee suggestions and superior accomplishments under the Government Employee's Incentive Awards program established in 1954 have saved the American taxpayer more than \$102,000,000 during the 12-month period ending June 30 at a cost of less than \$6,000,000, U.S. Civil Service Commissioner George M. Moore has announced.

"During that period," Mr. Moore told members of the National Federation of Employees at their national convention in Louisville, Ky., recently, "the American people have bought the biggest bargain in history—and I mean bargain in the best sense of the word."

"Between July 1, 1955, and June 30, 1956," he continued, "employee suggestions and superior accomplishments resulted in actual first-year dollar benefits of \$102,099,120—and in most cases they are benefits that will go on for many years. This is money in the pocket of the American taxpayer. Awards to employees totaled \$5,885,831—and that is money in the pocket of the Government worker."

Mr. Moore said that during the 12-month period Federal employees submitted a total of 294,638 suggestions of which 79,295 were adopted. He noted that the adoption rate was equal to that of private firms that have had suggestion programs in operation as far back as 1914. In addition to the suggestions, Federal employees earned 23,054 superior performance awards.



**CONFUCIUS SAY:** He who share wisdom is twice blessed.

Navy Incentive Awards Program.

## GEBA Assessment No. 18 Is Now Due

Assessment number 18 is now due and payable by members of NOTS Government Employees Benefit Association due to the recent death of Dumont (Frenchie) Vigneault, according to K. T. Faust, secretary-treasurer of the association.



**FOUR DECADES**—Marc Laevsky (center), Engineering Department employee receives a 40-year pin for combined military and civilian service from Capt. F. L. Ashworth, Station Commander (right) as K. H. Booty, Department Head, stands by to congratulate him. Laevsky also received a letter of commendation from former Secretary of the Navy Charles S. Thomas.



**P & E IDEAS PAY OFF**—Seven employees of the Propellants and Explosives Dept. were paid a total of \$225 for their Benny Sugg ideas. Front row (l. to r.) are: Emmett Mitchell and H. D. Stanley. Back row (l. to r.) are: Jack L. Tongate, Marion Carter, and J. C. Thayer. Two other winners not pictured are Edgar McDuff and George A. Collins.



**SUPERIOR PERFORMERS**—Public Works Department employees are awarded cash awards and certificates, with congratulations from Cdr. J. F. Callahan, former Assistant Public Works Officer (center). Awardees (l. to r.) are: H. C. Smith, \$200 for sustained superior performance; and F. W. Dauterive, \$62.50 for a Superior Accomplishment joint award for devising a method of renewing brickwork in boilers. The other joint awardee, E. R. Bowman, is not shown.

Quit Worrying!

Benny Sugg cash awards will help pay those bills!

Navy Incentive Awards Program

