



HAROLD'S CLUB GAMBLING NIGHT—Plotting the action for WACOM's Harold's Club gambling night at 8:30 Saturday, February 21, at the COM, are (l-r) Mary Snopkowski, program chairman and Joan Ellefson, co-chairman for the social event. Props and games have been supplied by the famous Harold's Club of Reno, Nevada.

SHOWBOAT

NEW RATING PROCEDURES

Future ratings for motion pictures shown at the Center Theater will be based on two different types of ratings—the familiar Parents' Magazine ratings, and the new MPA (Motion Picture Association of America) ratings. (The Parents' Magazine ratings will eventually be superseded completely by the MPA ratings.)

- The rating designations are:
MPAA*
(G)—General audiences.
(M)—Mature audiences, parents should use discretion.
(R)—Restricted, persons under 16 admitted only with parent or legal guardian.
PARENTS**
(A)—Adult
(Y)—Youths 13-17
(C)—Children 8-12
(M)—Mature for Y & C

FRIDAY FEBRUARY 20

"DARK OF THE SUN" (106 Min.)
Rod Taylor, Yvette Mimieux, John Brown
7:00 P.M.

(Adventure) Two companions are assigned to go into the interior of the troubled Congo and rescue some white inhabitants who are threatened by rebel forces and to return 50 million dollars in diamonds.
** (A, V.M.Y.)
Short: "Short Term Sheriff" (7 Min.)

SATURDAY FEBRUARY 21

"JASON AND THE ASTRONAUTS" (104 Min.)
Todd Armstrong
1:00 P.M.

Shorts: "Creepy Time Pal" (7 Min.)
"Canadian Mounted" (No. 12, last, 13 Min.)

—EVENING—

"YOURS, MINE AND OURS" (111 Min.)
Lucille Ball, Henry Fonda, Van Johnson
7:00 P.M.

(Comedy) When a shore-based Navy officer, a widower with 10 children, meets a pretty Navy nurse with eight children, the 18 kids rebel at their thoughts... of marriage. You'll howl as the "brass" sets up a duty and bunking roster in this wild, wacky farce about an over-populated Navy family. *(A, YC)
Short: "Scratch a Tiger" (7 Min.)

SUNDAY-MONDAY FEBRUARY 22-23

"GOODBYE COLUMBUS" (105 Min.)
Richard Benjamin, Ali MacGraw, Nan Martin
7:00 P.M.

(Comedy-Drama) Tight, witty, hilarious comedy at times bitter satire about a love affair between a disenchanted young Jew from the Bronx in love with a rich college girl rooted to her "Patinkin" family background. A drama of emotions not action, with no love triangle. *(R) ** (A, V.M.Y.)
Short: "King Rounder" (7 Min.)

TUESDAY-WEDNESDAY FEBRUARY 24-25

"THE YOUNG REBEL" (106 Min.)
Jose Ferrer, Gina Lollobrigida
7:00 P.M.

(Drama) Pope Pius in the 16th century asks Spain's King Phillip II for military support. Louis Jordan as Acquiviva and a brash, young romanticist, Cervantes (Harst Bucholz) are selected to be in charge. *(M)
Short: "Come On In the Waters Pink" (Pink Panther, 7 Min.)

THURSDAY-FRIDAY FEBRUARY 26-27

"THE SIDE HACKERS" (82 Min.)
Ross Hagen, Diane McBain, Mike Pataki
7:00 P.M.

(Sports Action) Sidehacking for the first time in a feature is an exciting new sport (a three wheeled motorcycle), becoming popular in this country. Life of a grueling sidehack race winner who becomes involved after opening up a shop for building and repairing side hacks. Plenty of action exhibition bike riding, murder, gang fighting. *(M)
Shorts: "Pitching Wedge" (10 Min.)
"Just for Sport" (7 Min.)

'Blue Mist' At 'Jolly Roger'

According to Jim Moore, manager of the EM Club, the "Blue Mist," well-known dance group, will play for a dance at the Jolly Roger Friday, February 20, from 8:30 p.m. until 1:30 a.m.

Moore cordially invites all members and guests to attend and "rock out" to the sounds of this popular group.



"I'M HERBERT—Gerry Baker, r, and Rozelle Goza, left, muse about their younger days in this scene from "I'm Herbert," the fourth one-act play in the China Lake Players' production of "You Know I Can't Hear You When the Water's Running," now playing at the Murray School Auditorium, beginning at 8:15 p.m. The show will be enacted again tomorrow night, and next Friday and Saturday, February 27 and 28. Tickets are priced at \$2 general admission and \$1 for military. Other one-acts in this Robert Anderson play are: "The Shock of Recognition," with Bud Sewell, Chuck Jones, John Scott, and Jean Cadmun; "Footsteps of Doves," with Judy Austerman, John Vanderbeck, Rosalie Barber and Frank Pickett; and "I'll be Home For Christmas," with Ralph Vuono, Linda Fischer, and Jean Cadmun. Ken Austerman is the director, and Judy Vuono and Jean Cadmun are co-directors.

EMPLOYEE SERVICES BOARD QUARTERLY AUDIT

The quarterly audit of the Employee Services Board accounts provide the following financial status reports as of December 31, 1969:

Table with 2 columns: ASSETS and LIABILITIES. ASSETS includes Cash on Hand, Cash in Bank, Accounts Receivable, etc. LIABILITIES includes Accounts Payable, Taxes Payable, etc.

During the first six months of this fiscal year, six checks amounting to \$41,000.00 were allocated to the Joint Navy-Civilian Recreation Council to be used in support of the Center's recreation program.

'Soul Merchants' at Chaparral

According to Mike Weinberg, manager of the Club Chaparral, the "Soul Merchants," a big-name rock group from Los Angeles, will appear for the first time at the Club Friday, February 20, to play their special sounds for club-goers.

Weinberg personally invites all club members and their invited guests to attend the debut of this popular group.

Form for stamping with fields for 'From', 'TO', and 'PLACE STAMP HERE'.



Vol. XXIV, No. 7 Naval Weapons Center, China Lake, California Fri., Feb. 20, 1970

Outstanding Achievement

Nuclear Navy Is 15 Years Of Age

"Since its very beginning, the Navy has played a vital role in maintaining our nation's position of world leadership. With the advancement of ocean technology and the inevitability of our country's continued dedication to the cause of freedom in the world arena, the future promises to be an even greater challenge."

The prologue to these words by the Chief of Naval Operations, Admiral Thomas H. Moorer, was signaled to the world on the 17th of January 1955, "Underway on Nuclear Power."

On that day, 15 years ago, the Nuclear Navy was born. Navy nuclear power has grown to be a proven milestone in international affairs, and has confirmed: that the United States is maintaining its role of world leadership — that the United States is irrevocably dedicated to freedom in the World Arena — and that the United States is ready to face the greater challenges of the future, whether it be the challenge of maintaining peace... the challenge of deterring aggression... or the challenge at advancing science and technology.

Prior to 1955 and the submarine Nautilus, the control of atomic power for undersea craft had been a dream for more than two decades.

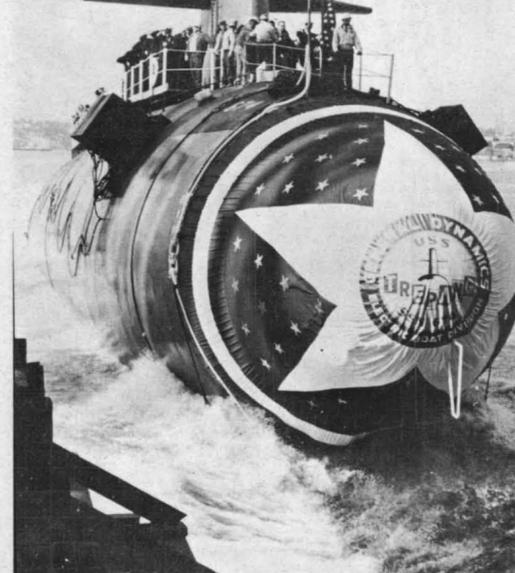
Before the first nuclear submarine became a fact, the submarine was, at very best, a hybrid. It was, in simple reality, a small surface ship that could submerge for only short periods of time.

Then came nuclear power, the long awaited propulsion source for the submarine. The submersible surface ship was, at long last, turned into a true submarine... virtually independent of man's natural environment, of black oil, or replenishing.

Nautilus far exceeded the hopes of her optimistic supporters. During her first two years of operation, she steamed over 62,000 miles without refueling, establishing new speed and endurance records. More than half this distance was traveled submerged.

To duplicate this feat, a conventional diesel submarine would have required more than two million miles.

(Continued on Page 3)



NAVY'S NEWEST—Trepang, the Navy's newest nuclear attack submarine, hits the water following christening ceremonies that were held at the Electric Boat Division of General Dynamics in September, 1969. The new submarine, a Sturgeon-class boat, is 292 feet long and displaces 4,200 tons. —U. S. Navy Photo



SAFE BEAUTY—Sonia Anderson, pretty wife of Gary Anderson, an NWC employee, takes time out to remind all military personnel who ride motorcycles within the confines of Navy and Marines Corps military installations, that they are subject to disciplinary action if they do not wear an approved safety helmet while riding. Above, Sonia displays one of the many helmets that are approved by the NWC Safety Department. Safety also recommends the use of reflective tape on the headgear for better visibility at night.

White House Asks Full Support For D.C. Police Dept.

February 1 marked the beginning of an urgent effort by DOD to recruit some 1200 additional men for the District of Columbia Police Department by June 30, 1970.

This recruiting program is being undertaken at the request of the White House in support of President Nixon's desire to improve D.C. law enforcement on a priority basis.

In this regard, military installations throughout the world are being canvassed to locate interested civilian and military personnel.

The effort also seeks to aid in establishing a civilian administrative capability in the D.C. Police Dept. This would release uniformed officers now performing clerical duties for operational duty.

Military personnel who will complete their military obligation between Feb. 1 and Nov. 27, 1970 may apply to their commanding officers for this program. Those accepted by the D.C. Police Dept. may be released up to 150 days early in order to accept the appointment.

Must Pass Test

To qualify for the program applicants must pass both a local Civil Service and physical examination. They must also be recommended as qualified by their C.O.'s.

(Continued on Page 7)

Center Supply Department Plans Anniversary Fete

The NWC Supply Department will join in the national celebration of the Supply Corps' 175th Anniversary this month, when officers and staff members get together for dinner at the Commissioned Officers' Mess on February 24. By coincidence, this month also marks the 23rd Anniversary of the Supply Department on the Center.

Organized in February 1947, the first Supply Officer at NWC was Cdr. W. E. Moring. Cdr. P. D. Collins served from 1948-1950; Cdr. S. A. Ernst, 1950-1952; Cdr. W. G. Bacon, 1952-1954; Captain R. L. Myers, 1954-1956; Cdr. J. M. Shea, 1956-1957; and Captain C. K. Phillips served from 1957 through 1958.

During Captain Phillips' tour, the Accounting and Disbursing functions were removed from the Supply Department and placed in Central Staff, Code 17, and at this same time the title of the Head of the Supply Department became "Director of Supply."

Captain I. S. Moore served as Director of Supply from 1959-1962; Captain B. L. McCreery, 1962-1964; Captain P. W. Jeffrey, 1964-1967; Captain C. R. Lee, 1967-1969, and Captain E. M. Wieseke became Director of Supply at NWC in September, 1969.

Commander W. R. Guffy is serving as the Deputy Director of Supply at this time.

Formerly Purser

Great strides have been made in the history of the Supply Corps since the day of the Purser (forerunner of Supply Officer), who was responsible for feeding, paying, selling clothing and small stores to the crew and who received the handsome salary of \$40 a month and two rations a day. Other duties varied from participating in battle to dispersing supplies to needy families along the muddy banks of the Mississippi River.

"We met with the ketch Intrepid, carrying a cargo of fresh water, stock, and vegetables for the squadron," wrote Commodore Edward Preble in 1804. This marked the first record of an event which today has become commonplace—supplying the fleet while at sea. Since that time the Navy Supply Corps has helped the U.S. Fleet to honor our commitments in all waters of the world.

The Supply Corps was officially born in 1795 when Congress established a Purveyor of Public Supplies, thus instituting Navy Procurement and Supply Ashore.

Trench Francis and Israel Whalen were the first and second occupants, respectively, of this position and procured supplies and provided naval stores, as well as supplying "gen-

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Inside...

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CHAPLAIN'S MESSAGE

Faith and Humor



CHAPLAIN JAMES HOGAN

The liturgical season of Lent which is now upon us, for many, an opportunity for serious reflection and a time for revivifying faith. Yet, if faith "is the substance of things hoped for," we may wonder whether it makes any sense in the age of space. Is there any sound reason for believing in anything we cannot see?

One recent affirmative answer comes, not from a theologian, but a sociologist—hardly an expected source. Peter L. Berger, in "A RUMOR OF ANGELS," argues that what goes beyond the normal, everyday world of human experiences (the basic essentials of what many believe through faith) is already found in certain key areas of that experience. Berger calls these phenomena in everyday life "signals of transcendence." One of these signals—insistent "beeps" from continual daily experience—is man's irresponsible habit of finding humorous aspects in life despite, and even in, the tragic.

To speak of humor as worthy of serious Lenten reflection may seem contradictory; in fact, reflection on humor is serious business if it helps make sense out of daily life. Humor, says Berger, suggests that the tragic side of the human condition is relative—it won't last forever. Humor arises out of situations which reflect our awareness of how limited man is, and how ridiculous he can be in coping with that limitation. Laughter is really an insight: "By laughing at the imprisonment of the human spirit, humor implies that this imprisonment is not final but will be overcome."

That explains, perhaps, why we laugh at whatever seems incongruous: the pompous man who is suddenly deflated by a pie in the face, the funny story with the unexpected punch line, Snoopy and his adventures with the Red Baron. Life is filled with tragedy, and everyone dreads aging, sickness and death, but somehow we even find ways of laughing at these. When we do we're really proclaiming our refusal to accept them as a permanent defeat of joy.

In short, our sense of humor supports and makes sense of faith—to say "I believe" is not a blind refusal to accept the absurdity of life. On the contrary, to accept absurdity and even laugh at it is in its own humorous way a kind of beginning of belief.

Pop Lofinck, the ROCKETEER'S own "Desert Philosopher," is ill, and friends who wish to drop him a "Get Well" card are invited to do so by sending them in care of the ROCKETEER, Code 0032, NWC. Pop's column will resume as soon as he is up and about once more.

It has been announced that some China Lake facilities will be closed over the holiday, Monday, February 23, and other facilities will remain open, as follows:

- OPEN—Beauty Shop, Malt Shop, Theater, Bowling Alley, Golf Course, Gym and Pool, Youth Center, and Auto Hobby Shop.
CLOSED—Commissary Store, Navy Exchange, FEDCO, Barber Shop, Pharmacy, Cobbler, Shopping Bag, Restaurant Laundry, Carpenter Hobby Shop, Ceramics Hobby Shop, Electronics Hobby Shop, Community Center and Library.

All open facilities will observe regular hours except the Auto Hobby Shop—open from 12 noon to 5 p.m.; the Gymnasium and Swimming Pool—open from 1 to 5 p.m.; and the Bowling Alley—open from 11 a.m. to midnight.

The Rocketeer

Official Weekly Publication U. S. Naval Weapons Center China Lake, California

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DEADLINES: News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. Phones 71354, 71655, 72082



DIVINE SERVICES

Protestant (All-Faith Chapel)—Morning Worship—9:30 a.m. Sunday School—9:30 a.m. Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant. Thursday—Service at 5:00 p.m. (Organ Prelude at 4:45 p.m.)

Roman Catholic (All-Faith Chapel)—Holy Mass—7, 8:30, and 11 a.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel, Saturday, 8:30 a.m.

Confessions—7 to 8 p.m. Saturday, and 8 to 8:25 a.m. Sunday.

NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.

PROMOTIONAL OPPORTUNITIES

Employees are encouraged to apply for the positions listed below. Current applications (SF-171) or Standard Form 58 bringing your work history up-to-date should be forwarded as directed below. The fact that positions are advertised here does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationships or patronage.

The vacancies listed below are effective from 20 to 27 February 1970.

Clark-Dictating Machine Transcriber, GS-316-3/4, PD No. 170077, Code 7038—This position is in the Planning and Specifications Branch, Engineering Division, Public Works Department. The incumbent types and edits contract specifications, prepares correspondence and technical reports. It is required that the incumbent be able to edit as the works in order to accurately type from rough handwritten copy directly into completed form. Positions also require the incumbent to operate a magnetic tape selective typewriter. Qualification Requirements: (a) One year of appropriate experience or, (b) education and/or experience as allowable in X-118 Series GS-316-3. (a) Two years appropriate experience or, (b) education and/or appropriate experience as allowable in X-118, Series GS-316-4. Job Release Criteria: Have a working knowledge of engineering terminology and abbreviations. Advancement Potential: GS-4.

Gas Heating Equipment Mechanic, JD No. 96, Code 70433, WG-53008-09—Installs, maintains, repairs and replaces gas burning equipment such as cook stoves, water heaters, space heaters, furnaces, water and steam boilers up to 40 pound working pressure and 1,000,000 BTU; also evaporative cooling and water towers. Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook X-118C.

Machinist, JD No. 169-5, Code 70423, WG-34014-10—Sets up, adjusts and operates all types of machine tools as well as specialized machines that have been developed from them, working to very close tolerances. Works from blueprints, drawings, or specifications, determining work methods, procedures and sequences. Works on various metals of all sizes and shapes including heavy plates. Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook X-118C.

File applications and Supplemental Rating Forms with Dora Childers, Code 657, Rm. 32, Bldg. 34, phone 71393.

Supply Clerk (Typing), GS-2005-3/4, Corona Supply Division, Supply Branch, Control Section, Naval Weapons Center Corona Annex, Corona, Calif. 91720—The incumbent is responsible for maintaining files of advance copies of inspection reports, invoices and requisitions for use by the receiving section and material inspection section to check and inspect incoming material. The incumbent is responsible for identifying incoming material, matching it to the appropriate documents in the open order file and moving it for delivery and payment. Minimum Qualification Requirements: GS-3 level, one year of general experience, GS-4 level, one year of general experience and one year of specialized experience. General experience is clerical or office work of any kind which has demonstrated the ability to perform satisfactorily at the grade level of the position. Specialized experience is supply work or closely related activities: (a) which has required the applicant to acquire and apply knowledge of the rules, regulations, procedures and programs requirements of one or more areas of a supply system; and (b) which has demonstrated the applicant's ability to perform at the level of the position to be filled. Interested applicants should contact Dorothy Smith, Ext. 4410 or 4415, prior to the closing date.

Safety Check For Bicycles

A bicycle safety check and licensing will be held at the Street, Wherry Housing Monday, February 23, from 10 a. m. to 2 p.m., announced Mrs. Diane Pottorff, Girl Scout Leader of Troop 139, sponsors of the event.

Police Officer A. E. Edmundson of NWC Security Forces will be there to issue official bicycle licenses for the Center and to distribute pamphlets on bicycle safety.

Thought For Weekend

How Fast Can You Die?

Driving an automobile can be hazardous at any time but perhaps more so when the highways of Southern California are loaded down over a holiday. During this weekend's three-day holiday motorists from the Naval Weapons Center should give more attention to their duties as a driver, remembering that carelessness, inattention and discourtesy, along with drinking, may put them in a hospital or the morgue.

The following is the result of a study conducted several years ago by the University of Washington in cooperation with the National Safety Council on what happens when a car, traveling at 55 miles an hour, crashes into a solid, immovable object.

1/10th of a second—The front bumper and chrome "frosting" of the grillwork collapses. Slivers of steel penetrate the object to a depth of 1 1/2 inches.

2/10th of a second—The hood rises, crumbles, smashes into the windshield. Spinning rear wheels leave the ground. The fenders come into contact with the object, forcing the rear parts over the front doors. The driver's body continues to move forward at the vehicle's original speed. At 20 times the normal force of gravity, his body weighs 3,000 pounds. His legs, ramrod straight, snap at the knee joints.

3/10th of a second—The driver's body is now off the seat, torso upright, broken knees pressed against the dashboard. The plastic and steel frame of the steering wheel begins to bend under his terrible death grip. His head is now near the sun visor, his chest above the steering column.

4/10th of a second—The car's front 24 inches have been demolished, but the rear end is still traveling at about 35 miles per hour. The driver's body is still traveling 55 miles per hour. The half-ton motor block crunches into the object hit.

5/10th of a second—The driver's fear-frozen hands bend the steering column into an almost vertical position. The force of gravity impales him on the steering shaft. Jagged steel punctures lungs and intercostal arteries. Blood spurts into his lungs.

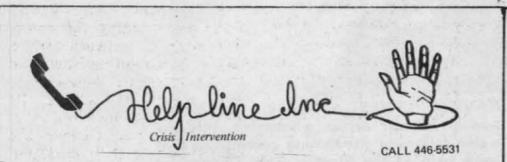
6/10th of a second—The driver's feet are ripped from his tightly laced shoes. The brake pedal shears off the floor boards. The chassis bends in the middle, shearing body bolts. The driver's head smashes into the windshield. The rear of the car begins its downward fall, spinning wheels digging into the ground.

7/10th of a second—The entire body of the car is forced out of shape. Hinges tear, doors spring open. In one last convulsion, the seat rams forward, pinning the driver against the cruel steel of the steering shaft. Blood leaps from his mouth, shock has frozen his heart.

THE END



CATHOLIC CONFRATERNITY DAY—Father John Oubre (c), of Riverside, Calif., was guest speaker at the Catholic Confraternity of Christian Doctrine Day held at the All-Faith Chapel last Sunday. Later he was feted at a potluck dinner held in the East Wing. Ed Donoghue (l) is principal of the Catholic High School CCD program, and Mrs. Victor Casados is head of Family Education for the Catholic Chapel program. —Photo by PH3 L. H. Detweiler



Maturango Mus. 1970 Lectures To Begin on Tuesday

The first program of the 1970 Maturango Museum Lecture Series will be held at 7:30 p.m. on Tuesday, February 24, in the Weapons Exhibit Center of the Maturango Museum.

Kenneth Robinson, Director of the Museum, will present the program, entitled "The Fragile Beauty of Red Rock Canyon—A New State Park." It will feature highlights of the past history of Red Rock Canyon, a report on steps taken to make the park, and a discussion of future prospects.

Photographers Al Christman and Bill Fettkether have captured the beauty and changing moods of the canyon in color slides and Dick Johnsen has contributed sketches of historic events relating to the area.

The Red Rock Advisory Committee appointed by the State of California to provide advice and assistance in the formation of plans for the Park is sponsoring the program. This is the first official showing in the China Lake area. The program is open to the public and all interested persons are invited to attend.

PTA Program Will Include Help Line Info

A program about Help Line, Indian Wells Valley's volunteer-operated emergency telephone service, will be presented at this month's general meeting of the China Lake Parent Teacher Association. The meeting will be held at 7:30 p.m. on Thursday, February 26, in the Murray School cafeteria.

C. Douglas Lind, director of training for Help Line, will demonstrate special techniques used in training of volunteers who man the organization's telephones each day from 6 p.m. to midnight.

Since Help Line has no paid staff and is operated entirely by these volunteer workers, this training is one of the most essential components of the project, Dr. Lind noted.

The kinds of calls Help Line gets will be discussed, along with the type of help provided in various cases. Special emphasis will be placed on the numerous calls received from youngsters and from parents concerned about their children. Some of the organization's works will be present at the meeting to act out typical calls.

Discussion will be general in nature. Dr. Lind stressed, since actual Help Line cases are kept in strictest confidence. However, patterns have developed among the calls received, enabling the group to generalize many of them into typical problem situations.

This month's PTA meeting also will feature presentation of two PTA honorary life memberships to local citizens. An educator and a layman will be honored for their work with or for the benefit of youngsters. In addition, a slate of nominees for next year's PTA officers will be presented at the meeting.



OPEN HOUSE—Groves St. School hosted an open house for parents of pupils that attend the school on Monday, February 16. Above, parents look on while pupils present a skit

that was prepared for the occasion. All other schools in the China Lake school district will be conducting similar activity in the coming weeks.

National Engineers' Week Is Celebrated at Local Banquet

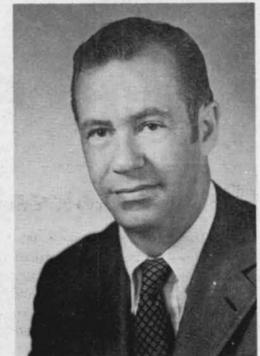
On Friday, February 13, Mayor Kenneth M. Smith, of Ridgecrest, signed a proclamation formalizing the observance of National Engineers' Week (Feb. 22-28) in the China Lake-Ridgecrest area. The proclamation reads in part: "Our country's professional engineers constantly strive for effective and economic solutions to complex technical problems in every element of human en-

vironment. It is this diligent attention that benefits all individuals of our nation in each community and throughout industry . . ."

Highlight of the week long observance will be a banquet on Tuesday, February 24, at the Commissioned Officers Mess with a no-host social hour at 6:30 p.m. and dinner at 7:30 p.m. The speaker will be Mr. Robert S. Currie, the Los Angeles Area District Manager for the Southern California Edison Company. The subject of his talk is a timely one: "Environmental Considerations in Power Plant Sites."

Mr. Currie is well qualified is currently on special assignment to speak on this subject as he ment to the Engineering Department of the Edison Company for the development and plant sites.

He received his B.S. degree



ROBERT S. CURRIE



NEW MILITARY ASSISTANT for the Systems Development Department (Code 30) is Lcdr. Edward W. Brooks, who reported aboard the Center recently as Lcdr. J. W. Allen's replacement. Lcdr. Brooks entered the U.S. Navy in 1947 and received his commission in 1960. He has attended Naval Aviator Flight School at Pensacola and has seen service in Korea and in Vietnam. He and his wife Helen have two children: Sara, 13, and Edward, 11. The family resides at 40-B Sykes Circle.

in Mechanical Engineering from the University of Southern California in 1955 and since that time has worked on most of Edison's thermal discuss primarily concern the electric engineering stations.

The topics Mr. Currie will environmental aspects of power plant siting and include a general picture of future load growth and the challenge this growth imposes on the development of additional generating resources. Comparison will be made of the contribution to air pollution by automobiles and electric generation facilities.

Further information and tickets for the banquet may be obtained from Russell Palmer (NWC extension 9548).

WEP Students Gain Experience Through Program

(Continued from Page 5) Breitenstein, F. Carlisle, J. Siebold, B. Wertenberger, C. Drew, R. Roberts, J. Adler, R. Huse, J. Stanford, N. Rees, D. Moore, R. Erickson, W. Fagnant, G. Whitnack, N. Neuhaus and W. Claunch.

Tom Martin and Norman George are the Work Experience students in the administrative program. Amy Licwinko, Susan Fay, Ruth Peckham and Diane Wieseke work as student teachers at the elementary schools and the Child Care Center.

Students in the clerical program are Janice Graham, Ken Pracchia, Mary DeSanto, Hollyce Lewis, Mary Davis, Alison Mundy, Theresa Kersten, Cheryl Lyman, Susie Ball, Roberta Conway, Chris Holt, Arlene Paciesas, Linda Watson, Carle Spragle, Andrea Keith, Amy Disch, Mara Kulcher and Mary Mercedo.

The seven students in the vocational program are Paul Maschhoff, Robert Beatty, Reed Bowles, David Allison, Steve Davis, Keith Wilson and Anthony Burris.

Bruce Amos, Curtis Barker, Richard Bisson, Anne Boyle, Don Carlisle, Clixie Fletcher, Erik Leipnik, Robert Leonard, Frank Little, Phillip Martin, Mary McEwan, Bruce McLaughlin, Robert Melia, Scott Millett, John Morgan, Paul Oshel, James Pratt, Ty Prichett, Bill Schaniel, Robert Scott, Linda Taylor, Bill Walters and Dan Wood work in the laboratory program.

Work experience began during the 1955-56 school year, with seven students doing laboratory work at the Naval Weapons Center. In its third year the program became part of the school's curriculum, and since then over three hundred Burroughs students have participated in it.

D.C. Police Are Recruiting . . .

(Continued from Page 1)

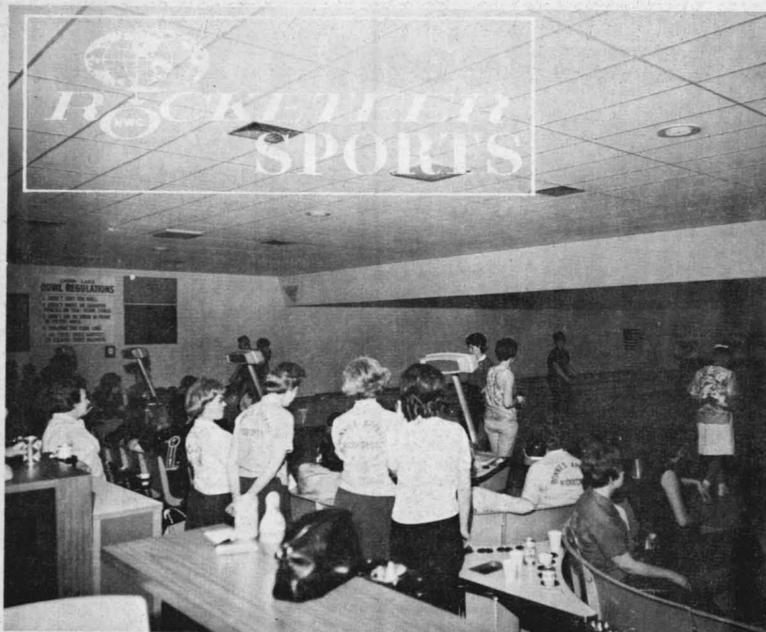
Final evaluation and determination of acceptance will be made by the D.C. Police Dept. Appointed individuals will be notified by Headquarters, Department of the Army.

For detailed information regarding application procedures and qualifications required, military personnel should contact Headquarters, Enlisted Personnel, Code 857; civilian personnel, Code 652.

GEBA-CLMAS Assessments

Assessment No. 201-129 is now due for the death of member Robert Sicksels who succumbed to a heart attack on February 13 at the Center Dispensary. Mr. Sicksels, 61 years of age, was employed in the Weapons Development Department.

All members are urged to pay their assessment as soon as possible. Those who mail their payments may send them to Lawrence Mason at 208 Bonita Street, Ridgecrest, Calif. 93555.



KEGLERETTES—Women of the Monday night Women's Scratch League are shown during league play last Monday. The Valley's best women bowlers compete in this league, which takes place at the China Lake Bowl, beginning at 8:45 p.m. each Monday night during the winter schedule. —Photo by PH1 G. D. Bird

Golf Team Needs Vital Victory

It's all come down to the last match for the China Lake golf squad. With only one match remaining in league play, the CLGC team needs a victory to stay alive in the Southern California Golf Assoc. playoffs.

The squad will be fortunate to be playing on the China Lake course, since they have yet to lose at home. The showdown with Muroc Lake is set for Sunday, and a victory will assure the league championship.

The CLGC team fell to Muroc Lake on the Muroc course, 37-11, last Sunday, setting up a three-way tie among China Lake, Muroc, and Antelope Valley.

Max Smith was the CLGC leader in a losing cause, shooting a 4-over-par 76 and teaming with Joe Jones for the top best ball mark of 66.

Flag Tournament

A Flag Tournament will be

the order of the day Monday, February 23 at the China Lake Golf Club.

Players will have par plus their handicaps to get as far around the course as they can. As soon as a golfer has used up his prescribed number of strokes, he plants a flag where his ball lies. The player who gets farthest is the winner.

Entry fee for the tournament is \$1.50 and entrants are restricted to members of the SCGA. Players may play their rounds any time during the day, but at least two golfers must be in the group.

3 Hits & Miss

A Three Hits and a Miss golf tournament, sponsored by the China Lake Woman's Golf Club, was held last Saturday. The top winners for the day were: 1st Low Net—Frank McElfish, Bud Eyre, Bob Driggs and LaNiece Smith; 1st Low Gross—Curtis Bryan, Frank Lint, Tom Heuss and Helen

Eyre; and 2nd Low Gross—Bill Irby, Jim King, Marvin Rush and Jay Mueller.

Gift certificates redeemable at the Pro Shop were awarded to the winners by Doris Cosner, tournament chairman.

Youth Basketball Highlights Listed

Pee Wee

The Bears won their third straight game, defeating the Bruins, 10-6, while Donnie Burke scored six points to lead the Indians to a 15-12 win over the Trojans.

Midget

The Stars won two more to lift their league-leading record to 4-0. The Rockets stayed close behind with a 3-1 mark, edging the Bucks, 15-14, and then outscoring the Suns, 25-20.

Junior

Mike Peacock canned 37 points to lead the Royals to a 47-28 victory over the Knicks. The Knicks got some revenge, however, nipping the Celtics, 31-29.

Social Security Rep. At Community Center Wednesday, Feb. 25

All employees with questions about Social Security provisions may contact a representative from the Administration here Wednesday, February 25.

He will be at the Community Center from 8:30 to 11 a.m., and is available for consultation.

Aetna Agent At NWC Community Center Wednesday, Feb. 25

The Aetna Insurance representative, Mr. Howard Keenan, will be at the Community Center next Wednesday, February 25 from 9 a.m. until 4:30 p.m.

Boyd's Auto Shifts Into High In Premier Race

Boyd's Auto Parts lengthened their league lead over Ace-TV to 9 points Monday night as they took 15½ points from Team No. 10. Tom's Place took 14½ from Kirkpatrick's Carpets, and China Lake Navy took 12 from Ace.

John Dowd was the big shooter, hitting 216-205-202 for a 623 series, followed closely by Alex Ribultan who shot 612 including a 235 effort.

Other games of note: Jack Brown, 224; Dan Branson, 219; R. C. Jones, 217; Warren Schad, 216; Allen Smith, 215; R. Leninger, 214; Benny White-side, Jack Herbstreit and Jim Ball, 213; Ed Albright, 211-200 and Ed Donohue, 211-202.

Standings follow at the end of the page.

Prep League

The "little fellers" turned in some good scores last Saturday. Among these were: Jim Ito, 101; Amy Petach, 102; Chris Lockwood, 101; Ken Manning, 103; Ricky DeMarco, 109; David Furstenberg, 118; Russell Pruell, 118; Mike Chartier, 111; Greg Fasig, 121; Rhonda Roets, 128; Jerry Jeffries, 100-101; Tony Pfau, 110-110; Ronnie Morris, 113-116; and Vic Wiggins, 115-147. Little Jim Fowler won a triplicate patch for shooting three 63 games in a row.

Women's Scratch

Shirley Hartman put together games of 213-208-154 for a 575 series to lead the ladies last Monday night. Darlene Herbstreit shot a 198—512. Mary Andreason shot her first 200 for the year, a 207 effort, and a 527 series. Cathy Sticht had a 206, Cynthia Schoenhals a 213 and Marion Sievert, who was out of action for 8 weeks due to an illness, bounced right back with a 200 game and a 507 series.

Wed. Nite Hdcp.

Betty Kirwin led the league with a 540, followed by Jeanne Krausman, 533, Lorraine Johnson, 518, and Sallie Stephenson, 505.

Mrs. Stephenson had a 211 for high game and Lorraine Johnson had a 209.

The El Rancho Nogot's had a 2726 series and The Hide-away Keglerettes shot a 946 game.

Desert League

Frank L'Hommedieu put together games of 185-188-243 for a big 616 series, and Burt Galloway had a 269 for high game in the league for the season. That game will win him an ABC patch for bowling more than 100 pins above his 164 average.

Military Ball & Chain

Jim Kincheloe and Sallie Stephenson showed the way to the rest of the bowlers on February 11. Kincheloe had a 200—543 and Sallie a 187—487.

The Mission Impossible group had an 812 for high game and the Unaccountables shot 2251 for high team series.

Supply Dept. Mixed

The Pick Ups had the high team game for the evening, a 984 effort, and the Splinters shot 2803 for high team series.

Bill Beckerdite put three 200-plus games together for a trophy, shooting 204-202-210 and a nice 616 series. Barbara Bey-her had a 198 and a 528 to lead the ladies' scoring.

Interesting item: Madeilyn Christly had an all spare game, earning herself a patch.

Jr. & Sr. Mixed

David Branson had games of 163-209-203 for a 575 series to lead the boys' scoring February 14. George Ivancovich shot a 216 game.

Bantam League

There were quite a few good scores last Saturday, including Doug Stevenson's 181 game and 422 series. Other good scores for the day: Buford Branson, 167—406; David Schad, 158—437; Kevin McCabe, 155—410; John Barbour, Jr., 150—405; Michael Lindsey, 145-141, and a 407; Susan Jones, 154; Kathy Burkhalter, 145—410; and Rex Ribultan, who sports a 74 average, shot 127 and a 328 series. Audrey Kane, with an 89 average, shot a 305 series.

PREMIER LEAGUE STANDINGS

Team	Won	Last
Boyd's Auto	261.5	178.5
Ace TV	252.5	187.5
AV Trophy	234	206
C.L. Navy	233.5	206.5
R. C. Lanes	223.5	207.5
Tom's Place	222	218
Starlite	215.5	224.5
Mercury	204	236
Kirkpatrick's	188	252
Team No. 10	156.5	283.5

Desert Motors Dumps Leader

On the average, Desert Motors scores about 51 points a game. And on an average night last week, Desert Motors hustled its way to a 50-40 victory over previously unbeaten Loewen's.

The Desert Motors' win, coupled with Ace TV's 72-55 trouncing of NAF, moved Ace into the league lead, and deposited Loewen's for the first time this season.

Bob Short was the big gun for Desert Motors, scoring 16 points and leading the DM first half burst. After ending the first quarter with a 3-point lead, Desert Motors outscored the Lions 14-5 in the second quarter, as Short tallied eight of his points.

Tim Higgins and Ted Bailey combined for 35 points to lead Ace to the league lead with a 12-1 season record. NAF won its other game, but just barely, as Desert Motors made its pres-

IN AN EMERGENCY

CALL:

446-3333



PLANT-LIFE PLANTED—In a co-venture, the China Lake Elementary School PTA and the Oasis Garden Club of Indian Wells Valley purchased trees and shrubs for planting by the "Flower Power" Junior Garden Club. Flower Club members line-up near a fruitless mulberry tree being planted at Vieweg School last week: (l-r) Lori Ray, Glenda Davis, Susan Olsen, Julie Woods, Joan and Laurrie Killilea, and Phillip Hewett. Mrs. Berniece Meade (l) of Oasis Garden Club and Mrs. Leota Brady of the Civic Beautification Committee, assisted the junior planters. In addition to the mulberry trees, several Italian cypress trees, juniper and privet (used for windbreak at the kindergarten play area) were planted, and rose bushes were planted in the planter box just outside the school office. The PTA and the OGC donated \$140 for the project.

Supply Marks 175th Anniversary

(Continued from Page 1)

erally all articles of supply requisite for the service of the United States." Eventually this was taken over by what is known today as the Naval Supply Systems Command.

In 1810, Pursers were rewarded to some extent when they were given the status of Commissioned Officers. Along with this recognition went the responsibility of keeping records on ammunition and mustering officers on ship.

In 1817 the Pursers were given shore duty for the first time when "Pursers of the Yard" were appointed at Naval Shipyards. They were allowed to choose Naval Storekeepers to assist them.

In 1833, they achieved the rank of Lieutenant and in 1857 those with 12 years service were made Commanders.

At this time they could have a "home of their own" and received from \$1500 to \$3500 a year, depending on the size of the ship. At the beginning of the 20th Century, Pursers were given the title of "Pay Corps Officers."

First Cook Book

The first cook book was written in 1902, a significant contribution to standardizing all meals aboard ships. Previous cook books contained such advice as "The presence of worm holes in coffee shall not occasion its rejection—since they generally indicate age, weigh nothing, and disappear when the coffee is ground."

The Navy Standard Stock Catalog was published in 1914 and assigned standard stock numbers to every item in the Navy, thus simplifying inventory records, stock accounts and stock ordering.

Supply Officer

In 1913 the official title "Supply Officer" was given the Pay Officer serving as head of a Supply Department, and in 1919 the official title "Supply Corps Officer" was adopted.

With added responsibilities, the Navy Supply Corps realized the need for officer train-

ing and the first Navy Finance and Supply School was created in Philadelphia in 1934.

Today every Supply Officer receives, in addition to pre-commissioning training, a 26-weeks' course at the Navy Supply Corps School Athens, Georgia. This includes instruction in a wide range of sophisticated managerial techniques, Automatic Data Processing, accounting and finance.

Corps Insignia

The insignia of the Supply Corps, the oak leaf and three acorns, has been changed several times over the history of the Corps, with the last change being in 1944.

The color of the oak leaf was changed from silver to gold and the colored cloth was scuttled. The reason that the oak leaf and acorns became the insignia for the Corps, is a bit of a mystery. The original insignia had somehow been lost in history; one thought is that the oak was used in building our early fleet; another suggestion is that the oak tree has been the constant symbol of strength and sturdiness.

The Integrated Supply System was brought into being in 1947 by Secretary of Defense, James Forrestal. The system has achieved a high degree of flexibility in the control of material throughout the Navy.

Mobile logistics — a far cry from the 40 bullocks, one calf and assorted fowl the INTREPID brought to Commodore Preble—became a highly organized effort to keep the fleet underway. From about 2200 officers, 1400 of whom were reservists, the Corps grew to 16,800 with 14,900 reservists by the end of World War II.

At present, our Supply Corps is managing the extensive logistic network which supplies our fighting Naval and Marine forces in Vietnam and Southeast Asian waters. By their aggressiveness and dedication the Supply Officers are adding daily to their outstand-

ing reputation for support to combat forces.

The modern Supply Corps Officer is one of a team of 61-00, who is above all, a Naval Officer first, with his own battle station alongside his line brethren. His first loyalty is to the Navy and his Command. Secondly, he is a business specialist with a wealth of training and experience in inventory management, finance, accounting, data processing, storing and transportation, petroleum, mess management, purchase and resale, which means in short "Service to the Fleet."

At the age of 175 years, the spry young Supply Corps is eagerly anticipating the challenges of the future.

Dr. J. F. Bunnett To Address ACS

Dr. Joseph F. Bunnett, professor of Chemistry at the University of California, Santa Cruz, will address the local section of the American Chemical Society in the Executive Dining Room, Monday, March 2 at 8 p.m. A social hour will be from 6 to 6:45 p.m., followed by dinner.

Dr. Bunnett previously taught at Reed College, the University of North Carolina and Brown University. His main interest is organic reaction mechanisms such as aromatic nucleophilic substitution reactions, chemistry of arynes, and aryl anions, and elimination reactions.

His talk Monday night will be on "The Base Catalyzed Isomerization and Disproportionation of Trihalobenzenes."

All those interested are invited to attend. Those wishing to have dinner with the speaker should make reservations with Don Moore, extension 72-835, or Murray English, in Trona, 372-4011, extension 269, before Friday, February 27.

Navy Fetes 15th Anniversary Of Advent of Nuclear Power Usage

(Continued from Page 1)

lion gallons of fuel oil; a train of tank cars more than one and one-half miles long would have been required to transport that amount of fuel.

Since Nautilus, the past 15 years have demonstrated that, for the first time in history, sea power can be applied totally independent of any or all weather conditions... be they mountainous seas, hurricanes or the polar icecap itself. The early record-making efforts of yesterday have become the routine operations of today.

Nautilus' first polar trip was followed by those of the Skate, Sargo, Swordfish and Seadragon submarines.

Seawolf's dramatic submerged cruise of 60 days duration is now normal for both the nuclear attack submarine and the Polaris patrol submarines. The first Polaris firings by the George Washington, in 1960, were but a prelude to the steadily increasing strength of the ever-vigilant Polaris submarines now on deterrent patrols in both the Atlantic and Pacific oceans.

Triton's submerged circumnavigation of the globe in 1960 was matched four years later by Nuclear Task Force One when the nuclear-powered surface ships, the Bainbridge, Long Beach and Enterprise, circumnavigated the earth in operation "Sea Orbit" in 57 days, steaming over 30,000 nautical miles... without replenishment. The initial operational Polaris patrol by the George Washington, has been matched by the operational tours in Vietnam of the original surface ships of Nuclear Task Force One, together with the Navy's first nuclear frigate, the USS Truxton (DLGN-35).

Rear Admiral Henry L. Miller as Commander, Carrier Division 3, whose flag flew aboard the Enterprise off Vietnam, best described a surface ship commander's reaction to nuclear power.

He said: "The advantages of nuclear propulsion for surface ships do not appear dramatic nor spectacular when compared to nuclear-powered submarines, for nuclear power gave us the true submersible for the first time in history—a truly dramatic breakthrough in the state of the art."

"However, once the lines are cast off from dockside and the nuclear-powered ship starts to move, the commander realizes immediately that the unlimited, sustained power in the hull of that ship can give us or any other power that develops it, a dynamic revolution in naval warfare."

"It allows a commander to devote his attention and plans toward effectively executing whatever task he has been assigned, without having to worry every step of the way about his logistic support of black oil."

The Navy's nuclear fleet today is a most commonplace miracle. Surface or undersea, the atomic-powered ship can sail and fight almost indefinitely without dependence on land bases. It has revolutionized naval strategy. It has added a new dimension to the role of sea power and a new bulwark to the defense of the

American nation.

The 87 submarines now in operation will eventually be bolstered by an additional 23. Three more nuclear attack carriers, each larger than the Enterprise, will be added. And, in addition to the Bainbridge and the Truxton three more DLGN's will be built.

The combined total of nuclear-powered vessels in the United States Navy will be 119—41 Polaris, and 60 attack submarines, four attack carriers, five DLGN's, and one cruiser. These ships will be the absolute guarantee of our nation's traditional sea power objective... maintaining freedom of the seas for all the nations of the world.

More Than Ships

But the nuclear Navy includes much more than ships. Since 1960 when the Navy Nuclear Shore Systems Program was formally established, the United States has been foremost in nuclear ocean engineering.

Completely apart from nuclear propulsion plants, ships, the armament race, and attack and deterrent strategies, this program, rather, is concerned with the broader spectrum of oceanic exploration and the utilization of the resources of our last earth bound frontier... the harnessing and control of our inner space potential for the benefit of man.

Oceanographic weather stations, seismic stations for use in remote areas, navigation aids for use by ships and planes, ocean-bottom signaling devices, oceanographic research instrumentation packages, and desalination plants—all dependent on the atomic energy—are among the many projects and programs currently underway.

Vice Admiral Rickover has said that as society advances, be it in culture, education, science or technology, there is a rise in the requirements man must meet to function successfully. The price of progress is acceptance of these more exacting standards of performance.

This, the 15th anniversary of Naval Nuclear Power, is in reality the 15th anniversary of our nation's capability in the field of nuclear power operation.

Milford Zornes Guest Speaker For Art League

The Desert Art League will hold their next meeting on Monday, March 2, at 8 p.m., with Milford Zornes, noted watercolorist, as guest speaker. The regular meeting scheduled for Monday, February 23, is cancelled due to the closing of the Community Center for the three-day holiday commemorating Washington's birthday.

Mr. Zornes will present a workshop to Desert Art League members the week-end of February 28 and he will be the juror for a show by Desert Art League members which they plan to enter in the San Bernardino Festival of Arts on May 1-17.



COMPLETES 50 MILES OF SWIMMING—Ambrosio Daluraya of VX-5 receives his 50-mile Award from Mrs. Jerald Crow, local Water Safety Chairman for the Red Cross after completing the distance under the Red Cross 50-mile swim program. Mrs. Martina Camphausen, of 45-A Stroop, has completed more than 58 miles under the program and also received her award. Mrs. Crow stated that anyone interested in this fitness program can sign up by calling her at 375-7726.

Burroughs Hi Work Experience Program Enters Fourteenth Year



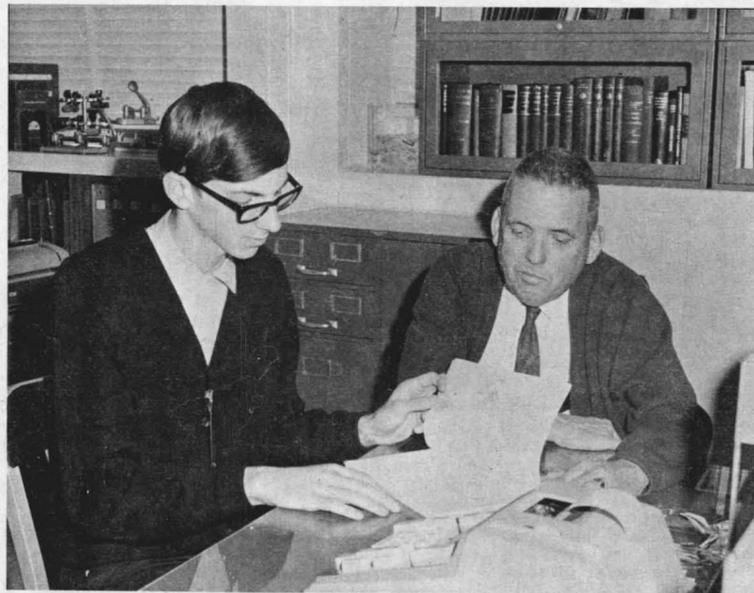
ABOVE—Steve Davis tries his hand at Welding in the Engineering Division Shops in Michelson Laboratory.

ABOVE RIGHT—Norman George goes over pertinent information with his sponsor Fran Carlisle.

CENTER RIGHT—Steve Vie (r) of Public Works explains details of a "spec" to Student Reed Bowles.

BELOW RIGHT—Chris Drew does her thing in one of the sponsoring codes in Michelson Laboratory.

BELOW—John Morgan gets a chance to actually get the feel of actual working conditions at they relate to the Laboratory program of Work Experience education.



ABOVE — Roberta Conway spends her afternoon free time in the clerical program.

RIGHT — Anne Boyle performs a practical task under supervision in the Laboratory program.

BELOW — Carle Spragle helps out in the Reproduction section of TID.

PHOTOS BY PH3 L. H. Detweiler



Practical Experience, Expert Guidance Are Student Desires

By ALISON MUNDY
Burroughs Work Experience Program Student Sponsored by The Rocketeer

Fifty-five High School seniors are gaining valuable knowledge about future careers by working on the Naval Weapons Center in association with the Burroughs High School Work Experience Program, now in its fourteenth year.

The students involved in the program were selected from many senior applicants on the basis of their grades and interest. Each student, who has an average grade in school of "B" or better, is assigned to a sponsor and spends two hours - one hour of school time and one hour of his own time - working on the base. The students are graded by their sponsors and receive a half credit for their work in the program, which lasts from early in February to the last week of school.

In addition to the credit and the experience they receive, students learn to have confidence in themselves and to work with others. Many of them get part-time or full-time jobs at the Naval Weapons Center as a result of their experience.

Five Areas Covered
The Work Experience Program covers five areas: the administrative program, which is sponsored by the Administrative Development Committee (ADC); the clerical program, sponsored by the Department Staff Assistant Council (DSAC); the laboratory program, sponsored by the local chapter of the Research Society of America (RESA); the vocational program, sponsored by the Technicians and Artisans Committee (TAC); and the

Student Teaching Program.
Students in the teaching program work at Vieweg Elementary School, Richmond Elementary School and the Ridgecrest Child Care Center.

Michael McGrath, chairman of the Burroughs science department, is the high school coordinator for the program, and is responsible for choosing the Work Experience students and assigning them to sponsors.

Alma Cowen, the program's base coordinator, makes sure that students are assigned to the right sponsors and takes care of security requirements for the students.

NWC Sponsors
Sponsors for the administrative program are M. Anders and W. Baker. L. Patton, W. Valenteen, E. Long, A. Parker, B. Glidewell, G. Miller, H. Campbell, L. Oldfield, J. Charlier, M. Anders, A. Wacker and B. Hognson are sponsors for the clerical program.

Vocational program sponsors are W. Lamb, R. Williams, B. Schull, C. Rock, P. Phillips, T. Boyd and F. Pickrell. Mr. McCown, Mr. Kus and Mr. Mulliken sponsor the students in the Student Teaching Program, and laboratory program sponsors are J. Rieger, C. Morley, A. Galloway, H. Devereaux, C. Heller, W. Carpenter, E.

(Continued on Page 7)



ACTUALLY DOING—Bruce Amos gets some practical experience in assembling a electronic part under the watchful eye of tutor, Les Dalton.