## Now Collecting Various Articles

The Marines stationed at NWC have planned a three-week drive to collect articles of clothing, food, furniture, toys and other essentials for redistribution to local needy families, beginning June 1 and ending on June 18.

The last such drive sponsored by the Marines provided over 300 toys, in excess of 500 lb. of clothing and food, and a 24' x 48' quonset hut which was delivered to the Church of God Mission, in Gallup, New Mexico, for distribution to six Navajo Indian churches. The current effort will include local residents in need in the Indian Wells Valley.

The Marine Corps Liaison office stated that all donations will be gratefully accepted. Residents who wish to donate an item or items may call 763-5502 for a free pick-up, or they may drop contributions off at 73 Bard Street.

## **Picnic And Story Hour For Children** Slated May 31

children 3 through 10 years of age will begin at 1:30 p.m., on Monday, Park.

The outing will be sponsored by students of Children's Literature, a class taught by Frank Selvera at Bakersfield College Desert Campus, and will feature the theme: "America, Our Country." Participating students are: Mrs. Rosemary Hargrove, Mrs. Mildred Cassel, Miss Diane Wieseke, Miss Sally Davis, Mrs. Olga Kimes, Mrs. Judy Wolff, Mrs. Martha Jane Fry, Mrs. Karen Bartholomew and Mrs. Lurline Baldree.

Parents should accompany their children and should bring picnic lunches. Mrs. Anita Moulton and Mrs. Marj Cruise will be in charge of arrangements.

Kim Duckett, bowling in the Ball & Chain League, rolled ames of 203, 233 and 245 for a 681 series to set a new high for mmer competition this year.



MARINES TO HOLD DRIVE — Three Marines stationed at NWC prepare for a drive to collect articles of clothing, food, furniture, toys and other essentials which they will redistribute to local needy families. The drive, which began May 19, will last for three weeks. Persons wishing to donate items may call NWC Ext. 5502, or drop the contributions off at 73 Bard Street. -Photo by PH2 D. E. Hart

## A picnic and story hour for Burroughs Art Students will begin at 1:30 p.m., on Monday, Memorial Day, at Ridgecrest Plan Outdoor Sculpture

will be involved in creating an outdoor, environmental, textle sculpture beginning June 1.

Named "A HAPPENING," the outdoor sculpture will be under the zerland. supervision of Neda Al-Hilali, a well-known California artist who has recently exhibited in numerous California and Texas art galleries.

The large, walk-through sculpture, made of dyed rope, sheets, parachutes joined together by weaving techniques, finger crocheting and macrame, a form of old seaman's knotting, will provide a shaded area for the student patio located just off the cafeteria on the Burroughs school

Mrs. Al-Hilali was born in Czechoslovakia and studied in Europe and the Middle East. She received her BFA and MA in art from the University of California, Los Angeles and presently teaches

COURTESY

BOAT SAFET

COURTESY BOAT EXAMINATIONS—The U.S. Coast Guard

Auxiliary, Flotilla 76, from China Lake, will be at Lake Isabella over

the Memorial Day weekend on patrol. While there, the group will

perform Courtesy Boat Examinations for interested boat owners.

Four members of the Auxiliary display the banner which will be

flown where the examinations are held.

Art students of Burroughs High at California State College at Los School, under the direction of Miss Angeles and with UCLA Extension. Beth Grinstead and Mrs. Williams, She recently exhibited her work in Design XI, at Pasadena and in June has been invited to exhibit at the Biennale Internationale de la Tapesserie, in Lausanne, Swit-

Miss Grinstead, of the Burroughs Art Department, was recently awarded a mini-grant by the Kern County School District, which enabled her to bring noted artists into the classroom.

The project, she stated, will require donations of rope, cord, yarn, old sheets, parachutes, poles, large metal containers and hot plates for dyeing the fibers, from members of the community. Anyone wishing to help in this endeavor is asked to call Miss Grinstead or Mrs. Williams at the high school, 375-4476.

## AOA Installation To Feature Talk On 'Copter Arms

The American Ordnance Association's annual installation of officers' dinner will be held at the Chief Petty Officers' Club, China Lake, on the 2nd of June. Dinner will be at 8 p.m., preceded by a period of personality adjustment therapy starting at 7 p.m.

The program will be presented by Major George O'Grady, USA, who will discuss "Helicopter Armament." A veteran of two tours in Vietnam, and one of the pioneers in development of close support usage of the helicopter, Major O'Grady is eminently qualified to speak on this subject.

RAdm. and Mrs. W. J. Moran will be guests.

For information and tickets, call Frank Carlisle at Ext. 2214.

A complete list of new books is available in the library.

The objective of the ratings is to inform arents about the suitability of movie ntent for viewing by their children. (G) - ALL AGES ADMITTED

(GP) - ALL AGES ADMITED Parental Guidance Suggeste (R) - RESTRICTED Under 17 requires accompany-ing Parent or Adult Guardian

"ALEX IN WONDERLAND" (109 Min)

Donald Sutherland, Ellen Burstyn 7:30 p.m.

(Fantasy) The Star of M+A+S+H portrays a successful Hollywood Director who is given to fantasies as he seeks a new film project to direct. Funny, but not a comedy. Sad, but not a

-MATINEE-

"TEXAS ACROSS THE RIVER" (101 Min) Dean Martin 1:00 p.m.

(Suspense Drama) Las Vegas chorines flee an estranged husband of one of them as he turns madman seeking vengeance. Raquel hides out in Los Angeles as a Go-Go dancer until the thrilling climax. (GP)

Short: "Bear Deguerre" (7 Min) SUN and MON "COLD TURKEY" (102 Min)

Dick Van Dyke, Bob Newhart, Pippa Scott 7:30 p.m. (Comedy) Here's a gigantic put-on about a small lowa town that's offered a \$25 million prize if every citizen can stop smoking for a month. Prodded by Minister Van Dyke's plea the town accepts the challenge and the battle of nerves fills the screen with slapstick. (GP) Short: "Hang Ten" (9 Min)

"START THE REVOLUTION"

WITHOUT ME" (90 Min) Donald Sutherland, Gene Wilde

7:30 p.m. (Satire) Hilarious swashbuckler about Louis XVI's French Revolution, two sets of Corsican Brothers, the Man in the Iron Mask and Orson

Short: "Catch the Joy" (13 Min THURS and FRI "LADY IN THE CAR WITH GLASSES AND THE GUN" (101 Min)

Samantha Egger, Oliver Reed 7:30 p.m. (Mystery) Gorgeous Samantha dropped her boss off at the airport, made a wrong turn on her way to Paris and ended up on the Rivera.

Short: "Get Wet" (9 Min.)

## Servicemen . . .

(Continued from page 3) charge made on all FHA loans that are paid off in advance of the scheduled date. This represents a saving to the serviceman of several hundred dollars.

But, no matter how the sales transaction is handled, the important thing is that the serviceman is released from his liability under the mortgage. This release means that he will be eligible for another FHA-insured loan at his next duty station

First, last, and always, members of the Armed Forces should remember to keep their legal assistance officer advised of the sale and see him before signing

IN AN EMERGENCY CALL:

446-3333

**Music Students** To Attend Camp At Arrowbear Six local students will attend music camp at Arrowbear this summer, thanks to the Music

contributions toward these six camperships. Winners of the camperships are: Richard Bagge and Tom McLane, sixth grade; Tom Backman and Lynn Preston, seventh grade; and Regina Schuetze and Matthew Orr. eight grade. Orr received his campership from the China Lake Elementary Parent-Teachers

Parents Club and organizations,

clubs and parents who made

These children, along with the Murray School Marching Band, and other musicians may be heard in a concert June 2, at 7 p.m., at the Murray School Cafetorium. This will be the annual Spring Concert sponsored by the Music Parents

Association

The Murray School Marching Band, led by Alberta Kline, recently competed in the Antelope Valley College Band Festival and were rated Superior in sight reading and Superior in their performance. At the Spring Concert they will play the selections which won them these awards.

All residents of the local area are invited to the Concert.

## **NWC Radioman** Selected May 'Bluejacket'

(Continued from Page 1)

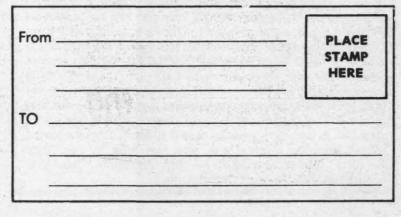
In addition, he enjoys golf and hunting. He does not have an established SCGA handicap. however he reports he shoots in the "low 80's". An all-around athlete, Pixler also plays softball on The Razzberries, a team in the Slo-Pitch League, and has boxed and played football.

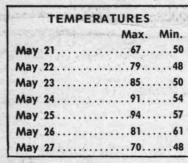
Pixler really enjoys living in the Indian Wells Valley and compares the climate as the "best anywhere." He spent a tour of duty at Keflavik, Iceland, and said that people "really should see the Northern Lights just once in their life." He stated that the lights were the most beautiful natural wonder he had ever witnessed.

When asked if he were a careerman he replied, "Certainly. The Navy is really a nice life, especially now with Admiral Zumwalt and the Z-Grams. He is rapidly making the Navy palatable to young men."

Sharon enjoys horseback riding, a love shared only slightly by her husband, and devotes most of her time to raising the couple's three children: Jay R., 4 Randy Lee, 3 and Debra Kay, 8 months.

Jerry holds the Good Conduct Medal, National Defense, and Sharpshooter Medal.







Vol. XXVI No. 21 Naval Weapons Center, China Lake, California **Center Develops Air-Operated** 

**Bone Mill For Area Tissue Bank** 

### **Another Good NWC Technology Transfer Project**

The application of NWC Technology to an area of Biomedicine has resulted in the development of an air-operated bone mill currently being used to manufacture ground-up bone tissue for use in connection with the Tissue Bank located at the San Diego Naval Hospital (SDNH).

Naval Weapons Center engineering expertise was recently applied to the problem through the Center's Medical, Engineering and Scientific Working Group (MESWG), headed by Capt.G. W. Jauchler, USN, MC. NWC Medical Officer.

Treatment of war casualties has critically amplified the need for processed bone tissue to perform complicated orthopedic bone and tissue grafts and related reconstructive procedures.

Previously, human bone was processed by laboriously crushing it with a commercially available handoperated bone mill, and previous efforts to mechanize the process has been unsuccessful. In pursuit of this goal, Cdr. J. E. Land, MC, Research Laboratory Officer at SDNH, and LCdr. Victor Heath, MC, Chief of Laboratory Services, visited NWC to discuss the pressing problem.

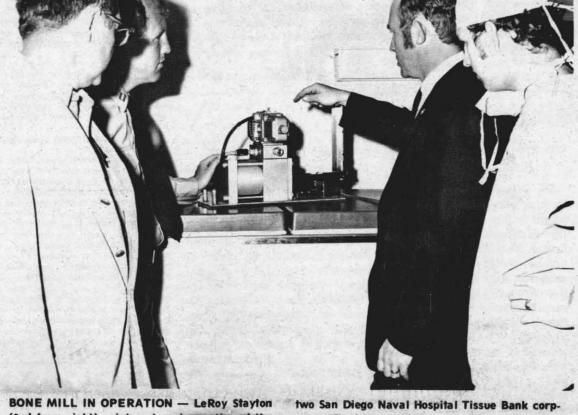
After touring Michelson Laboratory and following discussions with NWC scientific personnel, they left the Center with the feeling that NWC has the knowhow and equipment to solve their

In a letter from the then NWC

BRITISH VISIT — Bill Knight of Code 303

Operator Performance Measurement System

Admiralty's Surface Weapons Establishment and information systems.



(2nd from right) points out an innovation of the air-operated bone mill designed by him, to Lt. John W. Hammon, Jr., MC, (2nd from left), and

Etheridge, to the Commanding Branch, Propulsion Technology Officer of the Naval Hospital, Capt. Division, Propulsion Development Etheridge stated, in part: ". . .While our primary mission con- adopted after a series of meetings a strong interest in helping to solve discussed and probable solutions domestic problems. . . . " Capt. were offered by Center engineers. Etheridge went on to say that he

his staff. Bill is the principal Center employee

were aboard the station recently to review NWC's

NWC and SDNH. The design for the bone mill was machine work). The bone mill was submitted by LeRoy Stayton, constructed with only a few minor Commander, Capt. M. R. Head, Materials Technology

(pointing), explains the concept of NWC's involved in the program. The British officials

(OPMS) to H. W. Pout, O. B. E., Director of the work in connection with computer-based action

smen. The bone mill being demonstrated crushes salvaged human bone which is then used to repair

Department, and was finally cerns weapons RDT&E, NWC has at which the overall problem was

Ted Herling, of Code 4585, also personnaly encouraged any worked with Stayton in assembling mutual undertakings between the machine. Herling did the prototype manufacturing (actual

(Continued on Page 2)

**Kansas Native Pixler** 

Radioman First Class Jerry Lee father and working as a civilian on (radio) at NWC.

Bakersfield Inn.

In addition, the couple will receive gift certificates and discount certificates from

Valley, the young couple will receive a new Ford from Doug Butler of Desert Motors to use on the weekend jaunt.

Department of Education.

while he was stationed in the A ores. Sharon was living with her

**Health Officer** Gives Annual Rabies Warnina

With the coming of warm weather in May and the summer months, many families are planning trips and excursions into parks, forests, and mountain areas of the county, where people and their pets may encounter wild animals

Owen A. Kearns, M.D., County Health Officer, warns that some of these wild animals may have such dangerous diseases as rabies and plague, which can be transmitted to people and pets through their bites or fleas. He recommends that parents take the following precautions to protect their children and pets before taking outdoor trips:

(1) Obtain rabies vaccinations for dogs from a private veterinary hospital and license tags from the county or city tax collectors' offices. The vaccination will prevent a dog from becoming infected with rabies if it is bitten by a rabid wild animal, and the license tag will assure pronpt return of a dog to its owners should it get lost.

(2) Teach children to stay away from wild animals, such as foxes. skunks, and bats, which commonly carry rabies. Wild animals are naturally shy of people, and they may be diseased if they allow people to come close to them. Children should also avoid handling stray domestic animals, such as dogs and cats, as they are also capable of carrying rabies.

(3) Know what to do should a person be bitten by any animal: try to capture the animal for observation by the Health Department; wash the wound well with soap and water; go to a doctor for

**Outside Interests** 

Pixler is a volunteer instructor in

the Sea Cadet program, also

(Continued on Page 3)

# May NWC 'Bluejacket'

Pixler, of NWC, has been selected the base. Although they got "Bluejacket of the Month" for engaged while in the Azores, they May. Jerry is the Operations waited until Pixler was reassigned Supervisor in Communications back to the United States to get

The Salina, Kansas native has been in the Navy since July, 1963 and has attended Radioman "A" and "B" schools. His selection as Bluejacket for May automatically puts his name in for consideration for the annual "Bluejacket of the Year" awards, sponsored by the

local Council of the Navy League. As a result of his selection, Pixler and his wife will journey to Bakersfield this weekend as guests of the Greater Bakersfield Chamber of Commerce. While in that city the May Bluejacket will receive his meals at the International House of Pancakes and lodging will be provided by the

Bakersfeidl merchants. Prior to leaving the Indian Wells

Pixler graduated from high school by taking the GED test while in the Navy, and his high school diploma was awarded him by the Kansas State University

Pixler met his wife, Sharon,

RM1 Jerry L. Pixler

sponsored by the Navy League. He instructs the young recruits in Navy regulations, customs, traditions and ceremonies, and helps to give them the basic knowledge they will need to graduate from boot training.

(Continued on Page 8)



ALL FAITH BIBLE SCHOOL-An advanced training session for teachers, helpers and craft workers of the All Faith Bible School was held Monday in the Chapel Annexes. Preparation for the second Protestant-Catholic ecumenical Bible School are underway now. Planned for the week of June 14-18, the Bible School is open to prekindergartners thru 8th graders of all faiths.

Classes will meet from 8:30 to 11:15 a.m. thru 6th grade with an evening program being offered for 7th and 8th graders. Registration can be taken following Sunday services in June and at the Chaplain's Office during the week. A fee of \$1.00 per child with a \$3.00 family maximum will be

Photo By PH1 D. C. Manderscheid

vious that the realatively small

freezer was not adequate to store

generated in the Naval Hospital,

undertaken by the Naval Medical

School, the Naval Medical

Hospital all located at the National

Naval Medical Center to in-

vestigate methods for meeting the

structive surgery. Since the

generation of a sufficient number

surgery entailed not only ex-

pensive equipment, but also

trained personnel, it was not felt

practical to set up small banks in

all of the activities needing tissue.

As a solution, RAdm. M. D.

Willcutts, Commanding Officer of

the National Naval Medical

Center, established a Bone Bank as

a speciality activity located within

the command of the Naval Medical

School on November 29, 1949. This

location for facilities and personnel

to procure, process, store and ship

tissues to all Naval Medical Ac-

**Thrift Shop To** 

Remain Open

Beginning June 1, the Navy

Relief Thrift Shop will be open on

Tuesday evenings from 7 to 9 p.m.,

and on Thursday mornings from 9

establishment created a central

grafts for reconstructive

## Bone Mill Developed By NWC . . .

(Continued from Page 1) changes in the originally concieved

Prior to the submission of designs, Dr. George Hayes, of Code 4585, and Herling made a preliminary trip to San Diego to take a look at the old method to try and get a better feel for the problem. This was in October, 1970. The prototype was completed in March of this year and taken to San Diego for tests. The hospital used the machine for three weeks and very few probems were encountered with the original design.

In a letter to Stayton, dated March 18, 1971, Lt. John W. Hammon, Jr., MC, Head of the Tissue Bank, stated in part: ". . .We used the bone mill today and it cut in half the time needed under the Tissue Bank originated. On the old method. . . . " In addition to a saving of time, the NWCdeveloped bone mill produced a product which equalled or surpassed that produced by the handoperated bone mill.

Although the cost of the bone mill was negligible (barely over \$1,000), SDNH totally reimbursed NWC for the cost of the mill.

Following the success of the bone mill, SDNH is now very interested in looking into possible application of digital computer technique in monitoring patients in intensive

care wards, and other uses.

Tissue Bank History

The United States Naval Tissue Banking efforts started with the parent facility which is located at the National Naval Medical Center, Bethesda, Maryland. This parent facility has been in existence since the time of the Korean conflict. Many of the war casualties were brought to large Naval Hospitals needing complicated reconstructive procedures, the majority of which were orthopedic. At that time there was a paucity of desirable materials to perform desperately needed bone grafts and other orthopedic procedures. It was in the setting that the very beginnings of September 1, 1949, the Orthopedic Service of the Naval Hospital, Bethesda, obtained a four cubic foot freezer and began collecting, freezing and storing surplus bone from clean orthopedic cases until needed for grafting in other

Stayton said that the Tissue Bank is also interested in a process tivities and then subsequently to which would cut down the physical activities of all Military Services labor involved in preparing and and finally to civilian hospitals as processing a bone for the mill.

Later that year it became ob-

#### The Rocketeer **Thursday Nights** DIVINE China Lake, California

RAdm. W. J. Moran, USA **NWC Commander** 

> H. G. Wilson Technical Director

Head, Technical Information Depa

William P. Valenteen, Jr Editor

> Jack C. Lindsey Staff Writer

Lucille Edwards Editorial Assistant

PHCS C. E. Bruce, PH1 D. C. Manderscheid, PH3 Ronald G. Mills

> Staff Photographers DEADLINES:

.. Tuesday, 4:30 p.m. **News Stories** . 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 by a commercial firm in compliance with NavExos P.35, revised July 1958. Office at Nimitz and

.3354, 3355, 2347

Protestant (All-Faith Chapel)-Morning Worship-10:00 a.m. Sunday School—8:30 a.m., Chapel Annexes to 11 a.m., according to Mrs. 1, 2, 4 (Dorms 5, 6, 8) located opposite Center

Roman Catholic (All-Faith Chapel)-Holy Mass-5:00 p.m., Saturday (Fulfills Sunday obligation); 7, 8:30 and 11:15 a.m.

Daily Mass-11:30 a.m. in Blessed Sacrament Chapel. First Saturday, 8:30 a.m Confessions-4 to 5 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

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

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

#### PROMOTIONAL **OPPORTUNITIES** studies; study of the effects of electric fields on

pplications for positions listed in th loyees and should be filed with the sons named in the ad. All others desiring ployment with the Naval Weapons Center nay contact the Employment Division, Code 552, Extension 2069. Current applications (SF-171) or Standard Form 172 should be ubmitted bringing your work history up to date if one has not been submitted within the ast 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions Part of the ranking process of those rated as sically qualified will be a supervisor ppraisal form that will be sent to th ployees present and most recent previous ervisor. Selection shall be made withou crimination for any nonmerit reason.

Editorial Clerk (Typing), GS-1087-4, PD No. 840152-2, Code 4013—Editing, copyreading and proofreading; layout and composition; consultant on composition standards and report understanding of various printing processes and their limitations, and the kind of types of reports commensurate with time schedules. Minimum Qualification And Or Selective Placement Criteria: Must learn the Magnetic Tape Typewriter. Experienced operator desired. Advancement

Rm. 206, Phone 2676.

Supervisory General Engineer, GS-855-13 or Bldg. 34, Room 212, Ext. 2514. Supervisory Physicist, GS-1310-13, Code 3533 enough bone for all needs Incumbent is the Head of the Electro-Optical Branch, Electronic Systems Department. The branch is engaged in the investigation and Bethesda. A joint project was optics, and mechanical design to basic problems in target detection and identification, surveillance, reconnaissance, and Reasearch Institute, and the Naval missile guidance. The work can be classified as foundational research, instrumentation design, and exploratory development. New technologies being used include lasers and electro-optical properties of liquid crystals. Typical research and development projects needs for tissue grafts in recondisplay and other means of discriminating low supervise. contrast objects in cluttered backgrounds;

the optical properties of liquid crystals and the feasibility of using these materials in display devices and image converters. The positio also includes responsibility for the operation of the Joshua Electro-Optical Test Facility and the Photographic Section for the Division Minimum Qualification Requirements: General Engineer: Bachelor's in engineering and 3 years experience in appropriate subjectmatter field (includes one year at GS-12 level). Physicist: Bachelor's degree and 3 years of experience in appropriate subject-matter field (includes one year at GS-12 level). Job Relevant Criteria: 3 to 5 years minimum experience and education in optical theory, practices and instrumentation which includes liquid crystals, study of electric fields on the

File Application for the above with Sue Prasclowicz, Bldg. 34, Rm. 206. ext. 2577. Clerk-Typist, GS-3 or GS-4, Code 304-This position is located in the Systems Developmen Division, Code 304. Duties will-consist of the preparation of official correspondence reproduction most applicable to the various actions, personnel actions, time cards, completing travel arrangements, and other Requirements: Eighteen months general Requirements: GS-3 level: One year of general experience and six months specialized, in clerical experience. GS-4 level: One year of accordance with X-118. Job Relevant Criteria specialized clerical experience with duties similar to those listed above. Job Relevant Criteria: Must be a good typist and have a

optical properties of liquid crystals, etc.

duties without close supervision.

spelling. Must be able to carry out assigned

Secretary (Typing) GS-318-4 or 5 Code 356-Duties include typing a variety of document in many forms, filling out a wide variety o development of applications of electronics, forms, including travel orders, travel vouchers, engineering service requests and procurement requisitions, timekeeping and supervision of a clerk-typist. Minimum Qualification Requirements: GS-4: 2 years of general clerical work and 1/2 year specialized experience. Job Relevant Criteria: Proficien typist, experience in processing a wide variety are: video signal processing for enhanced of forms and types of letters, ability to

## **Weekend Holiday Hours**

	OPEN		CLOSEI	)
	MON.	SAT.	SUN.	MON.
FACILITY				
Fedco Service Station			X	X
Fedco Parts House		F. Land	x	x
Center Restaurant	6:30 a.m 1:30 p.m.			
Shopping Bag	10 a.m7 p.m.			N. T.
Barber Shop			X	X
Pharmacy			x	x
Beauty Shop			x	x
Malt Shop			x	x
Child Care Center		x	x	x
Fashion Cleaners & Lau	ndry		x	x
Credit Union		X	x	x
Ceramic Hobby Shop		X	x	X
Auto Hobby Shop	12 noon - 5 p.m.			
Carpenter Hobby Shop			X	X
<b>Electronics Hobby Shop</b>			x	x
Gym and Pool	1 p.m 5 p.m.			
	12 noon - 11 p.m.			
Golf Course				X
Community Center		x	- X	x
Library			x	x
Equipment Issue Room		X	x	x
Youth Center			x	x
Navy Exchange			x	x
Navy Exchange Service	Station		x	x
Commissary Store			x	x
Bank of America, China	Lake	X	X	X
Theatre	See Showboat Colum	n	200	
	The state of the s			



FIRST COMMUNION—Sixty children of the Catholic Congregation of the All Faith Chapel received the sacrament of First Holy Communion at the 8:30 a.m. Mass marking the end of months of preparation. A reception was held

following Mass in the East Wing honoring the First Communicants, their parents and friends. A gift from the parish was presented to each child at that

-Rocketeer photo



A LITTLE KNOWLEDGE GOES A LONG WAY — Elizabeth J. (Billie) Hise, left, watches as a work in the morning and field work in the afput into practice some of the tips and advice on are planned to be held on a regular monthly basis. safety taught by Mrs. Hise. The NWC Safety Department employee instructs a class in

motorcycle safety which consists of classroom student in her motorcycle safety class prepares to ternoon. The classes, which have been irregular, For information call Mrs. Hise, Ext. 2037.

-Photo by PHCS C. E. Bruce

File application for the above with Sue

4 hours per day-The position is located in the

Propulsion Development Department. In-cumbent performs a variety of clerical and

secretarial type duties for the branch. In

cumbent types correspondence, letters,

memos, technical reports and maintains

standard files. Duties include typing

timekeeping, personnel and leave records,

travel orders, mail collection and distribution

Job Relevant Criteria: Must be a qualified

typist. Requirements: As defined in CSC

File above applications with Pat Gaunt

California Announces a Competitive

Promotion Examination for Foreman, Stock-

man, WS69007-06. Applicants Must File Card

Form NAVEXOS-4155AB, Standard Form 172

and Supplemental Wage Grade Supervisory

Information Sheet With the Special, Code 652,

China Lake, California To Be Received o

Postmarked by 14 June, 1971. Forms May Be

Obtained From the Personnel Bldg., Room 100,

The Naval Weapons Center, China Lake,

Bldg. 34, Room 202, Phone 2723.

Handbook X-118.

Prasolowicz, Bldg. 34, Rm. 206, ext. 2577.

#### PROMOTIONAL A Look Into The Past **OPPORTUNITIES** From The Rocketeer Files (Continued from Page 2)

25 Years Ago . . .

Claiming that the possible atom bomb effect on naval vessels may be such as to make the world's most powerful Navy only a nuisance, the House Appropriation Committee cut over a billion dollars from the Navy's 1947 fiscal budget. . .23 Burroughs High seniors and 11 Station servicemen received their diplomas in the first annual NOTS high school graduation ceremonies in the new Theatre. . .A Hollywood stage show at the Station Theatre included famed songstress Ella Mae Morse, who made popular such songs as "Cow Cow Boogie" and "It's Only A Paper Moon"; and Chill Wills as MC; Val Setz, comedy juggler, plus other entertainers. . . Memorial Day services began with a parade down Blandy, sponsored by American Legion Members of the John M. Armitage Post 684; and a monument was dedicated at NAF in memory to Lt. John M. Armitage, first NOTS flyer to lose his life during rocket experimentation here.

### 15 Years Ago . . .

It was reported that more than 20,000 persons attended the Armed Forces Day event the previous week-end, setting an all-time record for the annual event. . . In the first of a series of articles about the new \$90,000 golf course, official opening day was set for June 30. . . The cooperation of the State Highway Dept. was secured in erecting junction signs between the Station and Bishop, and between the Station and Los Angeles. . . Larry Mason received Supply Department's "Mug-of-the-Month" award for having submitted 16 beneficial suggestions during one month. . . Paul Pierce's TV show "Get the Facts" featured NOTS in a program sponsored by KRCA, Channel 4, and the Los Angeles Herald-Examiner. NOTS panel members were: H. G. Wilson, Associate Technical Director; D. W Steel, Head, Underwater Ordnance Dept., NOTS, Pasadena; and Lynn Nowels of TID who drew sketches of the ideas being discussed on NOTS weapon development work. . . France Adamson, Burroughs High Senior, who won a State Scholarship award, was pictured receiving congratulations from Dorothy Donahoe, State Assemblywoman.

### 5 Years Ago . . .

Jimmy Craig, of Code 3552, won the Indianapolis Motor Speedway Balloon Race, landing three minutes short of the hour time limit. Of seven balloons entered in the event, Craig's was one of the only three that got off the ground because of high winds. Craig figured that his training in the high winds of China Lake played a big part in his winning the race, and he gave much of the credit to his ground crew, Dick and Margy Zinke of NOTS and his wife, Carole, who were able to get him off in less than 5 minutes. . . Capt. Leon Grabowsky awarded PRIDE (Personal Responsibility in Daily Effort) certificates to ten Ridgecrest merchants. NOTS Supply Dept. instituted the program in 1965 to motivate employes and the concept was extended to local and out-of-town merchants who were invited to take part. .The John A. Burkhardt's garden at 52-B Rodman, dubbed a shaded retreat from the desert's heat, won first prize in the "Yard Beautiful" contest sponsored by the Community Council in cooperation with the Oasis Garden Club.

# Employee In the Spotlight

Margaret A. (Nancy) Raphael, a mathematician in Code 4055, was recently selected the Federal Women's Program Coordinator at NWC, and as such, represents the women employees of the Center with the national organization in Washington, D.C.

Nancy, who was a teacher for 20 years, is quite outspoken in her views on women's education and preparation for a life in the professional world. "Most of my 20 years teaching was done in girl's schools," she pointed out, which reinforces my opinion that some of the lack of employment opportunities for women could be remedied by a change in attitude in the education of women."

Nancy elaborated, "The prevailing attitude in the education of women, from the first grade up, is to be housewives, secretaries, school teachers and nurses. In order for a woman to be educated in the professions - mathematics, engineering, medicine, law, science — the woman must be a loner. She will suffer from all sorts of attitudes ranging from cynicism, to snobbery and humiliation.

"For a woman to succeed in any type of job she must have a BA degree to do the same kind of work that a man can do with Clerk-Typist GS-322-3-4 Code 4572, Part Time

an eighth grade education." Nancy left the teaching profession four years ago and joined NWC. "I was offered an opportunity to work in areas in which I was most vitally concerned," she said. "I felt I could accomplish more in my field as a worker than as a teacher."

While a teacher, Nancy spent three years teaching in a ghetto area of Los Angeles where her students were 55 per cent Mexican-American and 35 per cent black. "From this experience, I believe that education is one of the most necessary aids in solving the



Margaret A. Raphael problems of minorities," she

Other teaching posts she held in the 20 years included an assignment as Assistant Professor of Mathematics at Immaculate Heart College, in Los Angeles, and as a mathematics teacher at St. Anthony High School, in Long

She received her BA Degree in Mathematics from Immaculate Heart College and her MS in Mathematics from St. Louis University, in St. Louis. Nancy was born in New York

City but raised in Beverly Hills. Although Nancy is no Women's-Libber, she does work energetically toward her own personal goal of helping women to attain a better position in their professional lives. She knows how to relax, however, and can be frequently seen playing a rubber of bridge or reading. She also enjoys traveling and has visited many places in the Southwest since

coming to NWC. She will return to teaching part-time in the Fall when she takes on the task of instructing a course in Fortran Programming for Engineering Applications under the UCSB program at the Training



BOTANICAL KNEEOLOGY describes this venture by members of Brownie Troop 87 as they landscape portions of the Halsey Street Girl Scout Park with plants they have donated for improvements. Salvia (Blaze of Fire) is being planted here by: (I-r) Terri Beene, Cynthia

Benham, Elaine Bridges, Laura Higuera, Yvette La Pierre, Toni Menz, Carolyn Price, Camille Ronning, Lisa Ronning, Debra Shawler, and Gina West. Observers were: (I-r) Mrs. Lloyd Klaus, guest; Mrs. Michael DeSeranno, Troop Leader; and Mrs. Charles Benham, Co-Leader.





STATE CHAMP — Jean Redman holds her trophy signifying a first place finish in the State C.A.R. Championship Bowling Tournament, held at the Wonder Bowl, in Anaheim. Jean tallied 659 (with handicap) to place first in her class (C Division). She represented China Lake Bowl and attended the tournament with a contingent of bowlers from the local area under the leadership of Maury Coleman.

## Code 5563 Still In Lead; NAF, Code 30 Second

NAF won four points from the Sandbaggers. Rocketeers last Tuesday in a Transportation also split with the match which saw Bauers, Kin- Titleists; Leo Enriquez and Bill cheloe, Gire and Heflin each score Behrman tied for half-point each a victory over the newspaper four. with Curt Overstreet and Bond, ference between partners is 10 This kept NAF in second place, tied with Code 30.

In other action Code 5563 kept their lead in the China Lake Intramural Golf League by virtue of match. Castor. Peterson and will be awarded contestants and a slim half-point margin over NAF Donohue won for 5563, while Frank those who attend the dinner dance. and Code 30. The league-leaders Sima and Siegal on the Officers Entry forms are available at the won 3.5 points from the NWC Of- split a point. ficers, who fell from a tie for second place to seventh place.

Code 30 won 4 points to put them in a tie for second place (with NAF) with 9 points each; Silberberg, Runchey, Dorgan and Young won for Code 30 against the Iron

The Chaparrals took 3 from Central Staff to put them in a tie for afth place with the Titleists. Sbrocca, King and Sanitate won for the Chaparrals, while Ed Sopke took the lone point for Central Staff.

Ted Kruse and Larry Thurm took a point for the General Engineers while their opponents, Code 551, gained two points on the shooting of Merrell Lloyd and Ed Nelson. Code 3532 and the Sandbaggers also split, 2-2. Joe Jones and Page won for 3532 and Licwinko and MacDonald won for the

while Hooper won a full point for strokes and players without SCGA one for the Titleists.

In the NWC Officers-Code 5563

	THE SCHEDULE
	Wednesday, June 2
	Front Nine
	Duffers vs. Transportation
-	NWC Officers vs. Iron Men
	Sand Baggers vs. Engineers
	Rocketeers vs. Chaparrals
	Back Nine
	Titleists vs. Code 5563

	Dack	inic			
1715	Titleists vs. Cod	e 5563			
1723	1723 Code 30 vs. Code 3532				
1731	Code 551 vs. NA	F			
1739	Central Staff vs	. Bat Chiefs			
	STANDING	S			
		W			
de 5563		9.5			
F		9			
	6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	A Part of the last			

STANDIN	GS	
	W	L
Code 5563	9.5	2.5
NAF	9	3
Code 30	9	3
Code 551	7.5	4.5
Titleists	7	5
Chaparrals	7	5
NWC Officers	6	6
Rocketeers	5.5	6.5
Code 3532	5.5	6.5
Transportation	5	3
Duffers-	-4.5	3.5
Bat Chiefs-	4	4
General Engineers	4	8
Sandbaggers	3.5	8.5
Iron Men	2.5	9.5
Central Staff	1.5	6.5
Code 3563-	1	7

## **Bert Galloway Regains Form To Pull ACE-TV Into Tie For First Place**

Ace TV is glad he did.

ROCKETEER

Galloway pitched Ace into a tie for gave A & L a 5-0 lead over Bud the rest of the show.

uprising in the fourth. A triple and to make the score, 5-2. to stay after the Hawks had taken a two errors, a walk, Bobby Koch- other two appearances. 2-0 lead in the top of the inning. man's triple and Dennis Crager's

Galloway allowed only four hits single netted four runs. and struck out nine, but did give up A & L got one run in the fifth on a two-run homer to Warren Turn- Gordy Irvin's triple and two more baugh to let NAF take the lead in the top of the sixth on Dick

Later in the week, Ace pounded the Valley Merchants, 11-4, as Ace hitters collected 13 hits - all singles - to give Galloway all the ball and Tom Haus' run-scoring runs he needed

off Merchant pitcher Billy Brown the side in the bottom of the and lengthened it with two runs in seventh to preserve the 9-8 victory. the third. Dennis Bagshaw and Jim In the week's only other game, rbi's each.

Galloway gave up only six hits (including a triple to Brown) as Ace kept pace with A & L Tire for the league lead.

After an opening night triumph over NAF, A & L won its second by

## 'Golden Anchor' **Golf Tournament** Slated By CPO's

The first annual "Golden Anchor" Invitational Golf Tournament, sponsored by the NWC Chief Petty Officer's Club, will be held at the China Lake Golf Club Saturday and Sunday, June 5 and 6.

This tournament, which is open to all interested golfers, regardless of whether they are members of the CPO or not, is a 36-Hole Partner's Best Ball event. The entry fee of \$25 per team entry includes a cocktail party and a dinner dance at the CPO Club on Saturday, June

5, beginning at 5:30 p.m. Tournament officials have stated that the maximum handicap dif-Transportation and J. Carman won handicaps will be assigned to a special section.

Daily awards and door prizes

Golf Club pro shop, or at the CPO Club. The Cutoff date for receiving entry blanks is Monday, June 1. According to golf pro Paul Someson, the course will be open for normal play on the two days of the tournament.

## Little League To Hold Opening **Night Ceremonies**

Opening night ceremonies for the China Lake Little League will be held June 3 at 7 p.m. on Diamond 4 (corner oy Richmond and Halsey). The program will feature remarks by Capt. Robert S. Moore, representing the Naval Weapons Center and Dick Hughes, China Lake Little League President. Sponsorship certificates will be presented along with special awards.

Bert Galloway came back. And edging Bud Eyre in a sluggers' three hits and struck out 12 during

Ace TV opened its season by Short's single, Jim Bradberry's third inning to grab a 6-0 lead. defeating NAF, 7-2, with a 7-run triple, and Tom Sebastian's single Bud Eyre added four more in the

River's two-run double to go ahead, 9-6.

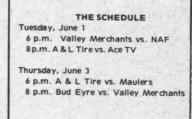
Bud Eyre retaliated for two in the bottom of the sixth on a passed single before Dave Britton came in Ace took a 3-0 lead in the second to end the threat. Britton retired

Bevan led the Ace attack with two Bud Eyre turned a 10-hit attack into a 12-2 rout over the Maulers. Bert Andreason allowed only

the five inning contest (including Picking up where he left off last Six hits - four singles and a two- the first four Mauler hitters he year before injuring his arm, run double by Dink Patterson - faced) as Bud Eyre bats provided

the China Lake Softball League Eyre in the top of the first inning. A home run by Hooper and lead by giving up only 10 hits in 14 Bud Eyre came back for two in doubles by Earle Roby and Dave the bottom of the second on Roger Taylor led a six-run outburst in the

fifth to put the game out of reach. a double by Chuck Newmeyer, A & L added one in the fourth as Roby went 3-for-4 with two Galloway's double and Jerry before Bud Eyre tied the game 6-6 doubles and a triple and Haus went Kissick's home run put Ace ahead in the bottom of the fourth when 2-for-2 and reached first in his



	_		44	_			-	_
5	т	А	N	D	٠	N	G	s

	W	L	GB
Ace TV	2	0	
A&LTire	2	0	-
Bud Eyre	1	1	1
Valley Merchants	1	1	1
NAF	0	2	2
Maulers	0	2	2

## Second Half Race Tight Between Pirates And Giants In Majors

Tigers on Monday, May 24.

winning pitcher.

On May 21, Brian Carle, pitche for the second-place Giants, hit ar inside-the-park-home run, a tripl and two doubles and threw a three hit gem at the Red Sox in a game which the Giants won 17-0 However, the game ball went to Mike Mullins, Giants' secon-

The Pirates hold a one game baseman, for his sparkling edge on the Giants in the second defensive play. In one instance half of the Major League season in young Mullins raced to short right the China Lake Little League field for a fly-ball and caught the following their 8 to 1 victory over ball while falling flat on his back. the Dodgers on Wednesday, May In addition, two other plays on 19, and an 18 to 8 victory over the ground balls preserved the shutout

The victory over the Tigers was In the only other game played assured after an 11-run first inning. during the week the Red Sox took a In the game played against the 6-4 decision from the Dodgers in a Dodgers, Billy Quinn was the game which is being protested.

1		STANDINGS	
n		W	L
e	Pirates	-2	0
e-	Giants	1	0
e	Red Sox	1	1
).	Tigers	1	1
0	Yankees	0	1
d	Dodgers	0	2



MDISL TENNIS COMPETITION — Dick Boyd, representing NWC, lunges to put away a volley in the quarterfinals of the doubles in the recent MDISL tennis tournament held last week at Norton AFB. Boyd and Jim Smith came from behind to defeat Butch Pelton and John Cover of Los Angeles Air Force Station 1-6, 6-3, 6-2.

## **FCC Licenses** Sought By Seven **Murray Students**

Friday, May 28, 1971

On Wednesday, May 19th, seven students went with their teacher, Floyd Brubaker, to Bakersfield to take their general and advanced class license examinations administered by the FCC. The trip culminated a year's work in the Amateur Radio Electronics Class at Murray School. Skills were aquired and tested in radio law and theory, and operation techniques, both in the school station and in the field under emergency conditions.

The boys being tested were Jeff Fletcher, WN6FPR; Doug Haymaker, WN6ILX; Karl Lindblom, WN6IXJ; Mark Loper, WN6HVY; Terry Proffer, WN6HEN; and Jon Love, WN6OJM. Jon Love was a student last year at Murray and is currently attending Burroughs taking part in the Amateur Radio Club there.

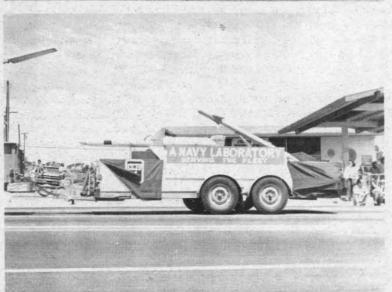
The examination consisted of demonstrating ability in sending and receiving of International Morse Code at 13 words per minute, and a written exam on radio theory and operation. All of the boys have already had many hours of on-the-air time as novices.

## **Ceramics Shop Hours For Graduation Day**

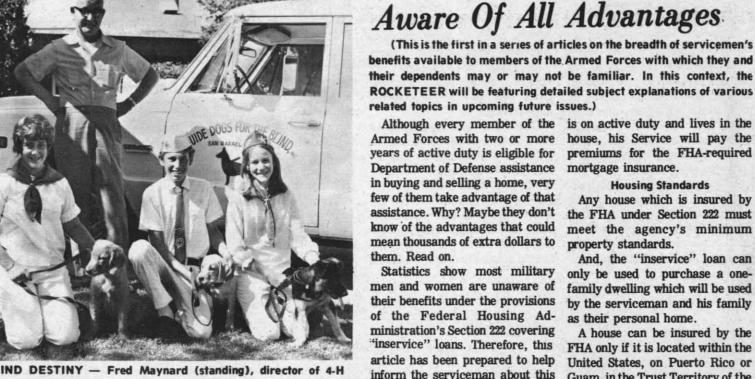
The Ceramics Hobby Shop will be open between 12:30 p.m. and 4:30 p.m., on Thursday, June 10, due to the high school graduation

(Continued from Page 1) it may be highly excited, show no treatment as soon as possible, and recognition of its master, and bite insurance premium. notify the Health Department or attack other animals or people Dr. Kearns said that, although want to be by itself and does not most cases of rabies are acquired respond to humans or other through biting, it is possible for it animals. In either case, such to be transmitted by an infected behavior is not natural, and people animal's licking the skin where should call the Health Department there is already an abrasion or or nearest police station for information or help in handling the





ON PARADE — Elements of the Center were much in evidence recently at the Victorville Cal., Loyalty Day parade held recently in that city, which was dedicated to the POW-MIA's currently being held in Southeast Asia. A color guard from NAF (above photo) was on hand, and a float from TID's Exhibits Branch. The color guard was composed of (I-r) ADJAN Ryan Newens, PN3 Stan Hess, AN George Givens, and AEAN Bob Battles. Photos by Ray Sinnott



BLIND DESTINY - Fred Maynard (standing), director of 4-H Puppy Placement for Guide Dogs for the Blind, Inc., of San Rafael, Calif., brought (I-r) Jetty (Golden Retriever) to Kelly Bryan, Kerri (Yellow Labrador) to Hank Earle, and Innes (German Shepherd) to Kristina Fowler, local 4-H Club members. The 4-H'ers will train their 3-month old puppies in the next 12 months in basic obedience commands such as: heel, sit, come, stay, down, and fetch, and will expose the puppies to as many people and public situations as possible to help these dogs gain the necessary maturity to become guides for

## Health Officer Gives Warning . . .

If a pet comes down with rabies, animal.

it may react in one of two ways: (1) If humans are affected with rabies, they may show such symptoms as a high fever, headache, and sore throat. Swallowing is very difficult and painful. As the disease progesses, the victim becomes nervous and excitable, has convulsions and exhibits unusual behavior. Sometimes he will become paralyzed. Once these symptoms appear, a patient usually dies, but there was a notable exception in 1970, when a 6-year-old boy in Lima, Ohio, survived these symptoms and recovered, due to the extraordinary measures taken by a physician who refused to give up on him.

Dr. Kearns also warned of the possibility of plague-ridden fleas on rodents such as chipmunks, squirrels, and wood rats, and advised people not to handle sick or deat rodents or camp near their burrows. observing

precautions, your outdoor trips can be both enjoyable and safe," the Health Officer concluded.

#### **NEW BOOKS**

A complete list of new books is available in the library. FICTION Canning-Great affair.

Deal-Interstate. Fish-The Green Hell Treasure. Hudson-Farnsbee South. Ludlum-Scarlatti Inheritance Oates-Wheel of love. Shaw-Rich man, Poor man. NON-FICTION

Blake-Acrylic watercolor Bloodworth-Eye for the dragon. Davidson-Classical Ikebana.

Griffin-So you want to buy a

mobile home.

Armed Forces with two or more house, his Service will pay the years of active duty is eligible for premiums for the FHA-required Department of Defense assistance mortgage insurance. in buying and selling a home, very **Housing Standards** few of them take advantage of that Any house which is insured by assistance. Why? Maybe they don't the FHA under Section 222 must

them. Read on. And, the "inservice" loan can Statistics show most military only be used to purchase a onemen and women are unaware of family dwelling which will be used their benefits under the provisions by the serviceman and his family of the Federal Housing Ad- as their personal home. ministration's Section 222 covering A house can be insured by the "inservice" loans. Therefore, this FHA only if it is located within the article has been prepared to help

know of the advantages that could meet the agency's minimum

mean thousands of extra dollars to property standards.

expenses, and sufficient cash to

pay the closing costs and down

Certificate of Eligibility

of home buying when he makes

application for a Certificate of

Eligibility (DD Form 802) through

his unit commander to the

headquarters which maintains his

After the serviceman has been

home. Price range and location are

personnel records.

other points of interest.

is over \$33,000.

A serviceman starts his program

Armed Forces Members Not

Although every member of the is on active duty and lives in the

United States, on Puerto Rico or inform the serviceman about this Guam, in the Trust Territory of the Pacific Islands, or on the Virgin Members of the Armed Forces have been eligible for insured To take advantage of the FHA

mortgages under the Federal premium-paid mortgage insurance Housing Administration's program program, at settlement a sersince August 1954. By insuring the viceman must make a down mortgage, the FHA gives the payment which is based on the members of the Armed Forces a price of the house he is buying. definite advantage when applying Here are two examples of the

for a home loan. And, as long as the FHA-required down payment on a serviceman stays on active duty, house which sells for the maximum his Service will pay the mortgage insurable amount, \$33,000:

-If his house was built under In addition to having completed preconstruction commitment, the with little or no reason; (2) it may two years of active duty, there are serviceman will pay 3 percent on several other requirements which the first \$15,000......\$ 450 a home-buying Service family must meet. These include having a between \$15-25,000 ...... good credit record, sufficient in- Fifteen percent of come to meet the mortgage value above \$25,000. payments plus regular living

Total Down Payment . . . . . -If his house was not built under a preconstruction commitment and was less than one year old at the time of the settlement, the serviceman will pay 10 percent of value up to \$25,000 . . . . . . . . . \$2,500

Fifteen percent of value above \$25,000 . . . . . . . \$1,200 Total Down Payment ..... \$3,700 The down payment is in addition

to settlement fees which must be issued his certificate, he and his paid when the mortgage contract is family can start looking for a signed. As in any legal transaction, important factors in this search. members of the Armed Forces are

The nearest FHA office can advised to contact their legal provide a serviceman with detailed assistance officer for advice and reports on availability of houses in assistance. Although the legal any desired area, the price ranges, officer will not be able to represent transportation facilities, and many a serviceman at settlement, he can offer valuable assistance both With a specific house in mind and before and after the settlement. his certificate in hand, the ser-

#### Selling A Home

viceman can then apply at one of the many FHA-approved agencies Forces are subject to transfer with for a mortgage loan. When his little or no notice, they may face application is accepted by the the problem of selling a house agency, the serviceman's active which was purchased through an role is over until the settlement FHA-insured mortgage.

If this is the case, one of the first The loan agency will process the steps to take is to contact the serviceman's application for a loan nearest FHA office to obtain an upand make all the necessary dated version of that agency's arrangements with the FHA. home market survey. This can be With few exceptions, the top valuable both in setting a fair price mortgage amount insurable by the for your house and in showing the FHA under its Section 222 law is buyer the price ranges for your \$33,000. There is no limit on the area.

price a serviceman can pay for a If the new buyer pays cash for home, however, there can be no the house, or finances the purchase secondary financing for the pur- through a new mortgage, the chase price which is in excess of serviceman's outstanding morthe FHA maximum. To buy a tgage balance will be paid off and house that costs more than \$33,000 his obligation for the mortgage a member of the Armed Forces ended.

must pay cash for the amount that A serviceman's Service will pay the one percent prepayment But, from the settlement date penalty on the mortgage which is a and for as long as the serviceman

(Continued on Page 8)

## Center Cooperates With Burroughs High School Faculty On Work Experience Program

part of a program to gain valuable assigned to an adult volunteer force. participants in the Burroughs High organizations.

program, students work in close secretarial-clerical related Articans Committee (TAC). a willingness to cooperate fully school record.

association with advisors in vocations, and the Vocational The program gives students a with school and NWC personnel.

ROCKETEER

Forty-three High School students various fields of study. Students Program for students who plan to chance to put some of their text- During the semester, the began their work at the Naval who have been selected from a enter any of the skilled trades book knowledge to practical use. In students spend an average of 10 Weapons Center this February, as wide range of applicants are represented with the station work order to qualify for the program hours a week on the job, perstudents must meet certain forming tasks assigned to them, knowledge about future careers, as from one of the sponsoring The Administrative Program is requirements which include, 1) for which they will receive 1/2 sponsored by the Administrative maintaining a "B" or better in credit. In addition to the ex-School Work Experience Program. There are four specific areas Development Committee (ADC); science, mathematics, and social perience and credit gained, The Work Experience Program, covered through this program. The the Laboratory Program is under studies for those desiring to enter students learn how to work conwhich provides top students with a Laboratory Program for science the direction of the local chapter of the Administrative and Laboratory fidently with others. Students are learning opportunity of ex- and math students, the Ad- Research Society of America programs, 2) a scholastic record expected, at the end of the school traordinary value to gain ex- ministrative Program, for (RESA); the Clerical Program is satisfactory to the selection year, to write a critique of the perience in a practical working students with interest in the adsupported by the Department Staff committee, 3) a sincere interest in experience they have gained. He is environment, is receiving wide ministrative and management Assistant Council (DSAC); and the the program, 4) a keen desire to then graded by his assigned attention from educators as well as field, the Clerical Program for Vocational Program is under the obtain as much knowledge as "teacher-employer" and that local merchants. Through this those intending to enter the direction of the Technicians and possible from the program, and 5) grade becomes a part of his high



under the sponsorship of Dale Randle, Head, Quality Engineering Division, NWC Engineering Department.

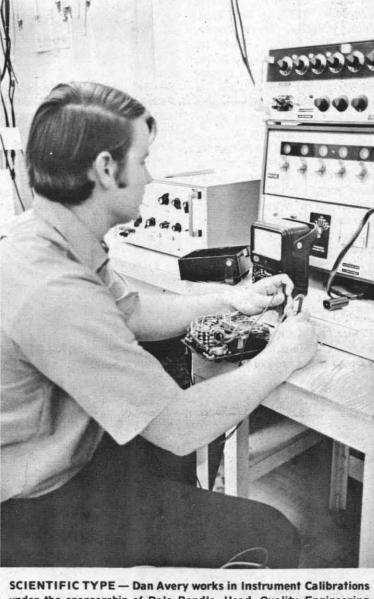


STUDENT JOURNALIST — Leslie Schreiber, the upcoming issue of The ROCKETEER. Leslie former editor of the Burroughs High School Block- writes articles, assists in layouts, does the weekly buster, and William P. Valenteen, Jr., Editor of filing and answers the telephone for the

The ROCKETEER, discuss the page layouts for newspaper staff.

THE BIG BOARD — Barbara Timmons could be Barbara is learning all of the facets of switcall. Sponsored by Mrs. Bernadine Reeves,

the sweet voice on the other end of the line when chboard operation, including long distance, requesting assistance or in placing a long distance emergencies, and assisting telephone subscribers.



JUST A LITTLE WIDER — Getting a little practical experience as a Dental Assistant, Laura Ayres works on a patient. She is sponsored by Capt. Thomas D. Stephenson, NWC Dental Officer.

was initiated during the 1955-56 15 years. school year. It was in an experimental stage and only sixteen to-one basis gaining first hand Bensene, Michael Biddlingmeier, Craig Strommen, Charlotte Being so well received by both Curtis Cardwell, Richard Carle, Wuest, Eric Skoog. NWC and the school personnel, it Darlene Cox, Frances Daughtery, was included into the school Programs were added in 1964-65. Hill, Edgar Hillebrand, Clara Holt, Hickox, Mrs. Maryon Ward, Myron William Parks, Mrs. Alice Parker, program in terms of lasting

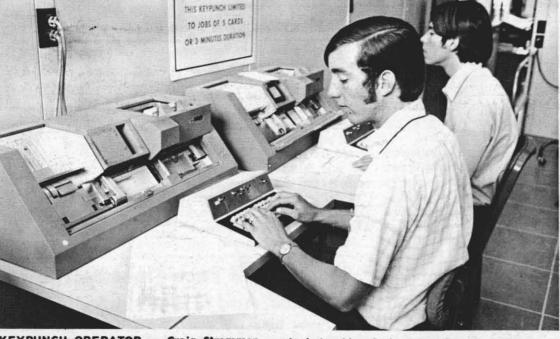
The Work Experience Program ticipated in this program in the last George Ivancovitch, Lee Kessler, Donnelly, Chief Larry Doyd, Jo Michael McGrath, chairman of **Participating Students** 

ROCKETEER

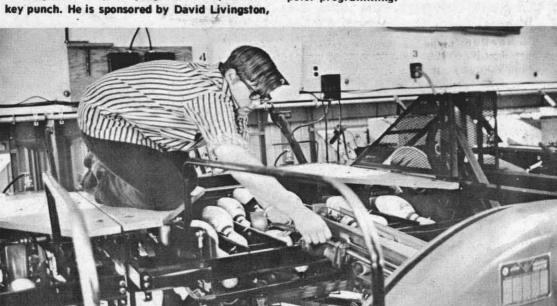
Over 300 students have par- Gary Hudson, Donna Jeffres, Scovil, James H. McDaniel, Frank and Frank Buffum.

Melinda Kirkpatrick, Diana Pittman, Eleanor Johnson, Roy the Burroughs science depart-Martin, Gerald Moore, Paul Williams, Dean Ray, Dan Butler, ment, is the high school coor-Nelson, Norman Oliver, Pam Harry Devereaux, Mrs. Lee dinator for the program and has students took part. These students Students who are participating in Pangle, Sheila Peters, Dan Rivers, Oldfield, Almer Galloway, been responsible for assigning or office administrators on a one- Laura Ayres, Wanda Beck, Teresa Orrel Torrey, Leslie Schreiber, Ruth Lewis, Mrs. Erma Sturm, William Parks, Richard Fryer,

worked with scientists, machinists the program are: Dan Avery, John Rouland, Barbara Timmons. Snowden LaFon, Jim Turner, Mrs. students to their sponsors. knowledge in these various fields. Hartley Braspenninckx, John Buck Swedblom, Ken Wahl, Theresa Eugene Breitenstein, Marshall Burroughs High School is in a Breauw, Russell Huse, Marvin unique position to conduct such a Bachman, Richard Johnsen, program. Most of the "Jobs" are Brad DeGeus, Sidney Fenter, Roy Sponsors who are cooperating William Baker, Mrs. Bernadine on the Naval Weapons Center, curriculum. In 1962-63 the Ad- Gardner, Randal Gilkinson, Kathy with this effort are; Dale R. Reeves, Mrs. Beulah Glidewell, however some local businessmen ministrative Program was started, Glover, Robert Gonder, Debbie Randle, Capt. Thomas D. William Valenteen, David are now keying toward the and the Clerical and Vocational Haack, Tom Hennessey, Darla Stephenson USN; Miss Olieta Livingston, Robert Bonner, program. It is a rewarding



KEYPUNCH OPERATOR — Craig Strommen, who is teaching Craig the fundamentals of comworking as a computer programmer, operates a puter programming.





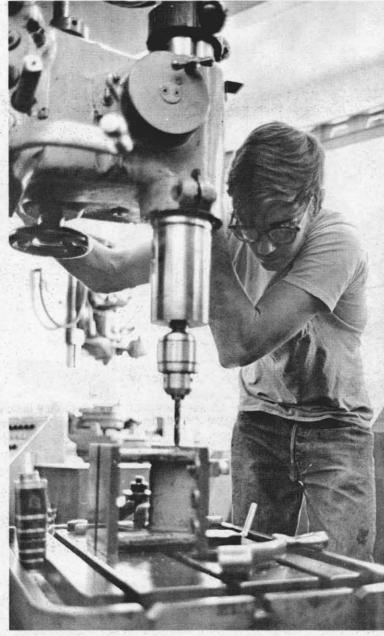
IN THE PROGRAM - Robert Bonner, (pointing) shows the sophisticated workings of a programmer to Charlotte Swedblom, who is working as a computer programmer under the supervision of



OVER THE TOP - Sidney Fenter adjusts the automatic pinsetter at the Hall Memorial Lanes where he works under the sponsorship of Dean Ray, manager. A little slip here could cause Sid some trouble, but the Burroughs student is very efficient. He also works the desk and helps to maintain the alleys.



Photos By PH3 Ronald G. Mills



JUST FOR DRILL - Brad DeGeus operates a drill press in the Machine Shop where he gains practical experience under the guidance of sponsor Ray Williams.



THERESA GETS CHECKED OUT - Theresa Bensene, who is working as a library assistant in the NWC Library, is shown the proper way to check out a book by her sponsor, Mrs. Maryon Ward, Head Librarian.