Page Eight



LEROY D. MARQUARDT, Head of the Instrument Development Division (Code 304) of the Systems Development Department, was awarded the degree of Mas-ter of Public Administration from the University of Southern California on June 4. His thesis topic was. "Economizing Behavior of the Individual in an R&D Environment."

Marquardt, who holds a BS degree in electronic engineering from the University of Nebraska, came to the Naval Weapons Center in 1957 as a Junior Professional. After completing the Junior Professional tour in 1958, he was assigned to the Electronic Systems Branch (Code 3045), where he was involved in the development of shaftangle digitizers and the wideband microlock system and served as project engineer on the Transit Satellite **Tracking Project.**

In 1965 Marguardt became Head of the Electro-Mechanical Branch (Code 3043), and was assigned primary responsibility for the automatic formation drone control pro-

Marquardt was appointed to his present position in May of this year. He and his wife Norma live on the Center with their two daughers, Patti and Cindy.

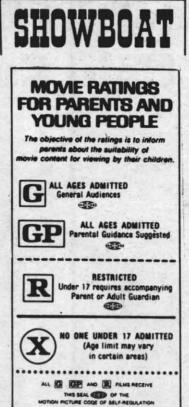
Center Security Department

(Continued from Page 4) Roy conducts in-service training for uniformed personnel; handles public relations (talks to clubs, organizations, and schools); and assists the Detective Branch on complaints regarding juveniles, runaways, and other juvenile complaints.

The Guard Division is responsible for the physical security of buildings and ranges on the Center. NWC policemen can function as guards, but guards cannot function as policemen.

Future plans at NWC call for sending four members of the Police Division each year to the Kern County Sheriff's Academy for training. Since 1961, 32 members of the Division have completed training under this special program.

A change in name ceremony will be held Tuesday, June 30, beginning at 8:30 a.m. at the Desert Park School. All Centerites are invited to attend.



JUNE 26 FRIDAY "THE WRECKING CREW" (105 Min.) Dean Martin, Elke Sommer 7:30 P.M.

(Comedy) Matt Helm and his bikini beauties combat Operation Rainbow, a billion dollar gold heist. Gags galore, fantastic gadgets and the bevy of gorgeous gals keeps Dino busy romancing or sleuthing every minute. It's spicy! (GP)

JUNE 27 SATURDAY -MATINEE-"SEVEN FACES OF DR. LAO" (100 Min.)

Tony Randall 1:00 P.M. Short: "Guess Who:" (7 Min.)

-EVENING-

"THE CRIMSON CULT" (87 Min.) Boris Karloff, Christopher Lee 7:30 P.M.

(Horror) What fate had befallen prother? Had the Black Witch of Greynarsh actually returned to seek vengeance on the relatives of those who burned her at the stake 300 years ago? Karloff's final ole-his last. (GP) Shorts: "Fabulous California" (17 Min.)

JUNE 28-29 SUNDAY-MONDAY

"THE BALLAD OF CABLE HOGUE" (123 Min.) Jason Robards, Stella Stevens,

> David Warner 7:30 P.M.

(Western/Comedy) Robbed and left on the desert to die, he finds a waterhole worth more than gold. This derelict and the nearby town's lady of the evening make a delicately told story with superb performances. DON'T MISS! (R)

TUESDAY-WEDNESDAY JUNE 30-JULY 1 'THE MOLLY MAGUIRES" (125 Min.) Sean Connery, Richard Harris,

Samontha Egger 7:30 P.M.

(Drama) 'Twas a hell-hole in the Pennvylvania coal mines that the brave Irish lads had to work in-and then they rebelled! And a mine owner's detective was among them, sympathetic but loyal to his

HURSDAY-FRIDAY JULY 2-3 "CHITTY CHITTY BANG BANG" (146 Min.)

Dick Von Dyke, Sally Ann Howes,

7:30 P.M.

(Comedy/Fantasy) DON'T miss this waganza about the kooky inventor of a weird auto that coasts on water and sails through the air. See the Tyrolean dance and Dick as Jack-in-the-Box, all done to lilting tunes! (G)

Navy Relief To Make Pick

According to LCdr. Par-tridge, fund drive coordinator for the current Navy Relief Campaign, the drawing for Navy Relief prizes will be held at the Officers-CPO softball game which will be held at 6 p.m. on Tuesday, June 30 at Reardon

Admission to the ball game s by Navy Relief ticket only, and all hands are encour aged to attend what promises to be an outstanding event.

ROCKETEER



POW WIVES ON CENTER-WACOM members hosted dignitaries of the National League of Families of Prisoners of War and Missing in SEA at a luncheon held recently at the COM. On hand for a representative picture were (I-r standing) Shirley Stephenson, POW Wives Maureen Clower, Kay Rus-

sell, and Helen Gillespie, and Capt. J. K. McConeghy, Jr., NWC Executive Officer. Seated are (I-r) Ruth Schuyler, Janie Creighton, and Ann Stephenson. The POW Wives are conducting a national letter writing campaign (to Congressmen) regarding improvement of treatment of POW's.

Cast Chosen For Sound Of Music

Lana Lee Kline, "Lonnie" to her friends, has been chosen to play "Maria" in "The Sound of list of operatic credits. A ma-Music," the summer production of the Community Light Opera plications, Feeley has appeared and Theatre Association, slated for production August 21, 22, 28 and 29 in the Murray School Auditorium.

Other cast members selected John Feeley, who will portray Captain Georg von Trapp; Nancy Hawthorne, to be seen as Liesl, the oldest von Trapp daughter; Bart Moore, as Friedrich, the oldest von Trapp son; Lana Widener, as Elsa Schraeder; Jack Lindsey, in the role of Max Detweiler; Lauretta Stogsdill, as the Mother Abbess; Barbara Lewis, as Sister Berthe; Lucille Bushnell, Sister Margaretta; Linda Webb, Sister Sophia; Jacquie Jessburger as Frau Schmidt; Wes Willett, as Rolf Gruber: Dan Whitlock and Cathie Hillibrand as Baron and Baroness Elberfield; Bob Pinney and Linda Webb, as the Zeller's, and Fred Jessburger as Admiral Von Schreiber. Coral Nicholson will be seen in the role of a Postulant.

The other five von Trapp children will be portrayed by Michelle Barglowski, as Louisa Mark Barglowski, as Kurt; Elizabeth Knemeyer, as Brigitta: Teresa Jessburger as Marta; and Joane Fragman, as Gretl.

The Nun's chorus will consist of Coral Nicholson, Linda Webb, Cathie Hillibrand, Carol Simmons, Lauretta Stogsdill, Lucille Bushnell, Karyn Harris, Barbara Lewis and Pat Jauchler.

Lonnie Kline received her Bachelor's Degree in Music Education from Pasadena College this June and intends to return to school to seek her Masters Degree in Dramatic Arts in September. She is best remembered from the Burroughs High School production of "Annie Get Your Gun," wherein she portrayed Annie Oakley. She appeared in two other CLOTA productions while attending college: "King And I," as Tuptim; and as Liat in "South Pacific."

John Feeley comes to the Indian Wells Valley with a long thematician at Computer Apas Morales in a University of Washington production of "Carmen," and as Benoit and Alchindaro in "La Boheme." In addition, Feeley appeared in after three days of tryouts are: the Century 21 production of "Aido." Feeley stated he "carried a lot of spears" as a member of the chorus in many operas, including: "Madame Butterfly," "Rigoletto," "The Barber of Seville," and others.

dled by Karyn Harris, a sopho-Phelps TerHeun, a project more this fall at Bakersfield College. manager at Computer Applica-

IEEE VICE-PRESIDENT HERE - James Lee (r), newlyelected Chairman of the China Lake section of the IEEE, welcomed Dr. Newton Ward, Head of NWC's Aviation Ordnance Department (I) and Dr. James H. Mulligan, Vice-President of the IEEE, to the installation dinner held recently at the COM. Dr. Mulligan was present to install the new officers and gave an important talk on "Identifying and Satisfying the Needs of the IEEE Membership."

From	PLACE STAMP HERE
то	

tions, will direct "Sound of Music" for CLOTA. TerHeun comes to the Indian Wells Valley from San Jose, California, where he was a senior engineer

Friday, June 26, 1970

Charles "Chuck" Wilcox, well known to local theatregoers, will be the production's Technical Director. Carol Simmons will handle properties, and Paul Cochran, new to the Indian Wells Valley, will be the rehearsal and production pianist.

Choreography will be han-

with Lockheed Corp.

light.

Tiemann Project In 'Geographic'

Phrixothrix Research Yields **New Railroad Worm Species**

issue of the National Geographic Magazine on the Phrixothrix, or Railroad Worm, authored by Darwin L. Tiemann, an engineering technician in Code 3063, is the culmination of six months of research work in the Sao Jose Dos Campus (near Sao Paulo, Brazil), and another six months of writing, editing and preparing the manuscript for publication.

Tiemann's work in Brazil, upon which the article is based, was performed under a research grant from the National Geographic Society, and in collaboration with the Johns Hopkins University and the National Institute of Health.

Prior to Tiemann's scientific expedition into Brazil, only 13 live specimens of the Phrixothrix were known to have been brought to the United States for scientific observation. By the end of his search, Tiemann eventually collected 280 railroad worms. Most were found, unlit, by patient searching, night after night, of the grass and earth.

At first, Tiemann thought to startle the worm into lighting up. He hoped to accomplish this by tossing firecrackers at night onto the ground. It did not work. He later found that a firecracker tossed only three feet from a captured railroad worm would not cause it to

However, the railroad worm (so-called because the tiny lights down the side of the body resembled a toy train when lit) would usually flash on all their lamps when touched. The glow diminishes after a minute or so.

Tiemann learned that the worm apparently spends several months of the dry season underground, in an inactive

An article in the July, 1970 tember) brought them to the surface.

Although the texture of his hand proved too tough to be bitten by the worm (who use sharp, scimitar-shaped mandibles to eat its food), Tiemann was once bitten by a captured worm in the tender skin between his fingers.

Tiemann returned to the United States in January of this year, and went straight to Washington to report to the National Geographic Society, and to begin work on the magazine article.

During the long airplane ride home, the specimens he brought back rode in a styrofoam picnic cooler beside his seat. It is Tiemann's hope to raise the progeny of his captured worms in a controlled environment in a room of his

Tiemann gave specimens to Dr. John Buck and Dr. Thomas Hopkins, of the National Institue of Health, Bethesda, Maryland, and to Dr. Howard Seliger, of the Johns Hopkins University, in Baltimore.

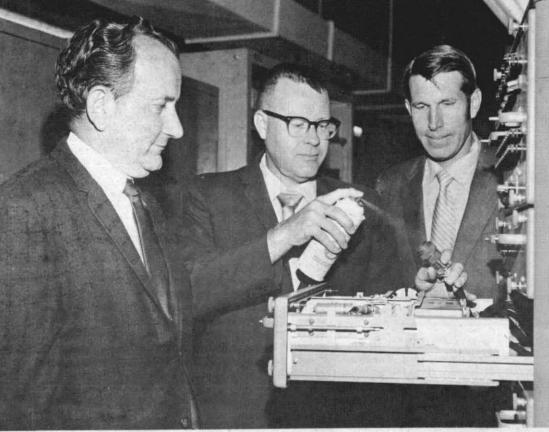
These men will study the subjects in the hope of learning the answers to some questions raised regarding their light systems and nervous sys-

Tiemann discovered a new species of the railroad worm, which will be named in his honor by Dr. Walter Witmer, a specialist in the taxonomy of this group, from Basel, Switzerland.

Following a report which Tiemann is now making to the National Geographic Society on his findings, Tiemann will busy himself with raising some of the larvae that hatched from eggs brought back, and in the near future intends to write a state. However, Brazil's spring paper on the worm for a sci-



Fri., June 26, 1970 Naval Weapons Center, China Lake, California Vol. XXIV, No. 25



BENNY SUGG PAYS OFF-Robert S. Scott (c), electronics technician at NWC's Corona Annex, demonstrates his connector-cleaning method to K. J. Calderwood (r) and W. F.

Security

Operations Div.

Featured

Pages 4 & 5

Vizard. Scott submitted the new method as a Beneficial Suggestion for which he received a check for one-hundred dollars. For more details, see page 3.

Alaskan Shipmates Enjoy Tour Of NWC

League Councils-Kodiak, Anchorage and Fairbanks-arriv- be held this evening at the ed on the Center yesterday as Community Center. part of a grand tour which will include other Navy and Marine California area. The young nor- Cruise. therners are participating in the fifth annual Alaskan Shipmate Air Cruise.

The Shipmate program, originally known as the "Buddy" program, is administered by the Chairman of the Shipmate program for the Navy League. The object is to acquaint young men with the opportunities that are provided them by the Navy and Marine Corps.

The program is dependent upon the ingenuity of local Councils of the Navy League 1970. and nourished by the cooperation of the United States Navy. It is designed to provide young men between the ages of 14 and 18 a chance to actually see the men of the Navy and Marine Corps at work.

While on the Center, the boys will be quartered at the BOQ and will be seen at various locations about NWC until tomorrow when they depart.

This morning, they ate breakfast at the Enlisted Mens' Mess and were taken on a tour of Michelson Laboratory where they were welcomed by Capt. H. D. Parode, USN, NWC Assistant Technical Officer.

They were also taken to witness some actual weapons testing by the pilots of VX-5. This afternoon they will tour

the Maturango Museum and the NWC Weapons Exhibit Cen-

This evening they will be treated to a picnic and a swim at the NAF pool by the Indian Wells Valley Council of

Approximately 40 boys re- the Navy League, and they will presenting three Alaskan Navy be the honored guests at the Youth Center dance which will

The boys will depart from the Naval Air Facility tomor-Installations in the Southern row to continue on their Air

Time Running Out For WWII GI Loan Benefits

Time is running out for about 2,140,000 World War II veterans who have not used their G.I. loan guaranty benefits. The final cut-off date for World War II loans is July 25,

Loan guaranty benefits are governed by individual expiration dates, based on dates of military service and length of service. However, there is an over-all July 25 loan guaranty deadline. The July 25 deadline does not affect eligibility for loans established by military service since 1955.

Veterans who do not know their expiration dates should get in touch with the nearest VA office. They should have with them discharge or separation papers.

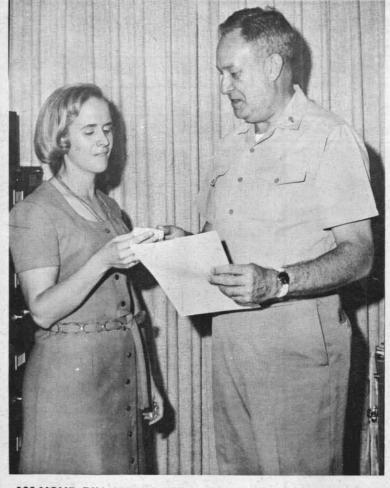
Veterans who know their loan guaranty terminal dates, but whose loan applications cannot be submitted to the VA before the deadline, should have their lenders write or telephone their VA offices to explain the problem.

Under the loan program, the VA guarantees up to 60 per cent (not to exceed \$12,500) of the outstanding balance on home loans for veterans.



INERTIA WELDER-Vern Michau, an employee of Code 5545, operates the new inertia welder, installed recently in the machine shop of the Mechanical Divisions' Shop Branch, in Michelson Lab. The new welder has many outstanding features of operation, including welding with total freedom from

porosity and occluded dirt. In addition, metal welded on the machine is done with only a slight intermingling of metal from each side of the weld. The all-automatic operation has an extremely high reproducibility feature, with absolutely no operator -Photo by PH2 D. E. Hart error.



100-HOUR PIN AWARDED-In ceremonies held recently at the All-Faith Chapel, Mrs. Carol Miller was awarded a 100hour pin for having donated at least that much time to work in the Thrift Shop and other Navy Relief activities on a voluntary basis. The award was presented by Capt. H. A. McNeill, Senior Chaplain. Volunteers who would be interested in this type of involvement opportunity should contact Chaplain McNeill's office.

'Birds' Casting Completed By New Youth Theatrical Group

Casting has been completed for The ASSOCIATION's summer production of "The Birds," a Greek comedy by Aristophanes, who was the foremost comedian of Ancient Greece. The play will be presented four times-July 24, 25, 31, and August 1— in the Murray School Auditorium.

The ASSOCIATION is a group of Burroughs High School students, alumni, and Desert Campus students who formed the group for the purpose of pursuing constructive activities in the local area during the summer months when students and alumni are back home and generally without activity. The Birds is the first ASSOCIATION production. With community support, the group hopes to become a permanent organization dedicated

> The Rocketeer Official Weekly Publication

- China Lake, California
- Capt. M. R. Etheridge, USN NWC Commander

"J." Bibby Public Affairs Officer

Joan Taylor Assistant Public Affairs Office **Director of News Bureau**

William P. Valenteen, Jr

Jack C. Lindsey Staff Write

Lucille Edwards Editorial Assistant

PH1 Gary D. Bird, PH2 Delmar E. Hart, PH2 Michael F. Krause, PH3 Maurice Dias, PH3 L. H. Detweiler, PHAN Ronald G. Mills Staff Photographers

DEADLINES:

Tuesday, 4:30 p.m. Tuesday, 11:30 a.m. ographs The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise Identified. Printed weekly with appropriated funds in nce with NavExos P-35, revised Jul 958. Office at Nimitz and Lauritsen. 3354, 3355, 2347

to pursuit of a wide range of activities.

"The Birds" is the first of many Utopian comedies by Aristophanes, who used the realm of fantasy to satiorize Athenian society and to pose social questions and possible alternatives to accepted contemporary conventions

In the play Aristophane's uses the birds by the appearance of two men seeking to escape the stress of Athenian so-

The play was chosen because of its relevance to the present. and because of its great humor.



DIVINE SERVICES

- Protestant (All-Faith Chapel)-Morning Worship-10:00 a.m. Sunday School—8:30 a.m., Chapel An-nexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant.
- Roman Catholic (All-Faith Chapel)-Holy Mass-7, 8:30 and 11:15 a.m.
- 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 8:23 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.

ROCKETEER

PROMOTIONAL **OPPORTUNITIES**

Employees are encouraged to apply or the positions listed below. Current pplications (SF-171) or Standard Form 58 bringing your work history up-to-date should be forwarded as described elow. The fact that positions are adertised 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 pervisory appraisal form that will be sent to the employees present and mos recent previous supervisor. Selection shall be made without discrimination for any non-merit reason and witho favoritism based on personal relation ships or patronage.

Voucher Examiner, GS-540-05, PD No. 6925007-1, Code 2575-The purpose of this position is to provide Voucher Examiner services on Blanket Purchase Agreements Purchase Orders and Delivery Orders against GS Contracts for the payment of supplies and/or services, which includes rocessing of documents, follow-up, lialson and correspondence. Minimum Qualification Requirements: One year of general experience which is clerical or office work of any kind which has demonstrated the ability to perform satisfactorily at the grade level of the position and two years of specialized experience which is supply vork or closely related activities: (a) which has required the applicant to acquire and apply knowledge of the rules, regulations, procedures and program requirements of one or more areas of a supply system, and (b) which has demonstrated the ap plicant's ability to perform at the level of the position to be filled.

Stockman, WG-69007-06, JD No. 32, Code 2591-Performs and is responsible for all work operations of an assigned storage area relative to the physical receipt, storage, or issuance of supplies. Receives, checks, stores, counts, or assembles supplies of all types utilizing established procedures. May direct small groups of assisting employees as a working supervisor. Minimum Qualification Requirements: One year of progressively responsible experience in two or more of the normal warehousing activities, including the physical receipt, storage, inventory, issue and rewarehousing of various classes of equipment, supplies, component parts, and the completion of covering papers and/or doc uments. Job Relevant Criteria: 1) Must be able to show experience or ability which indicates the potential to perform the duties of Stockman. 2) Must have demonstrated ability to correctly and accurately complete proper papers, documents, and records pertaining to receipt and issuance of material in a warehouse. 3) Must have demonstrated a knowledge of proper Navy warehousing procedures and methods.

Property Disposal Assistant, GS-1104-09, PD No. 625012, Code 2597-This position cated in the Merchandising Section the Disposal Branch, Material Division, Supply Department. Duties include: Develops individual sales plans covering all nmodities. Makes recommendations regarding sales plans on basis of volume and types of property and space requirements. Maintains active contacts with customers in regard to customers' requirements, usage of property and methods of nerchandising. Has frequent contacts with officers and personnel of the Center activities who turn in material to this holding activity. Is designated as Retail Sales Manager. Supervises the receipt, tem porary storage and issue of all excess and surplus property received in Warehouse 41. Is responsible for the collection expended photographic solution, tem orary storage of same and subsequent delivery to the silver extracting tanks of Michelson Laboratory. Is designated as Contracting Officer's Representative with 4160.1 and DDO Instructions, serves as alternate Delivery Officer. Minimum Qualification Requirements: Three years of general experience which must have been gained in one or more of the types of work indicated in any one or more of the following supply fields: (a) Requirements and distribution (b) Storekeeper and storage (c) Procurement and purchasing (d) Property and stock control (e) Supply cataloging. Specialized experience GS-7: year, GS-9: 2 years, which must have included responsibility for the examination, classification, segregation, and for redistribution and utilization, sale, donation, abandonment, or other disposal of excess surplus and obsolete property or of salvageable and waste materials. This experience must have furnished a thorough knowledge of general trade practices, values and uses of commodities, merchandising methods, or marketing outlets, and must show successful dealings with representatives of industry, commerce or government. Job Relevant Criteria: Experience in actually setting up sales of excess ma- outlined in CSC Handbook X-118. terial, (2) Experience in processing paperwork involving excess material, (3) General familiarity with supply paperwork.

with Naomi Campbell, Bldg. 34, Rm. 206, X-3118.

Clerk-Typist, part time, GS-322-4, Code 4072-This position is that of secretary to



ECUMENICAL SCHOOL ACTIVITY-Children who enrolled in the Ecumenical Bible School that was conducted last week under sponsorship of the All-Faith Chapel prepare to enjoy refreshments during a get-together at McBride Park. The Ecumenical session was sponsored by both the Catholic and Protestant Congregations.

Branch B and Branch E of Weapons Systems Analysis Division, Weapons Development Department. Incumbent will be responsible for the typing of official correspondence and memoranda; preparation of travel orders and stubs, filing, receiving telephone and office callers, receives and distributes in-coming mail and other duties as may be required to maintain an efficient office. Incumbent will work a ninimum of 7 hours per day, hours 0830 to 1630. Minimum Qualification Requirements: One and one-half years general and six months specialized in accordance with X-118. Advancement Potential: None. File applications with June Chipp, Bldg.

34, Rm. 26, phone 2676. Electronics Technician, GS-865-9/10 or

11, PD No. 555068, Code 5515-Calibrates microwave instruments such as attenuators. frequency meters, voltage standing wave ratio meters and noise figure meters. Designs, constructs and applies impedance matching networks to the output of wave form generating equipment. Alters existing test systems to meet applications of local R&D groups. Evaluates error sources in new techniques to assure accuracy and precision in final calibration reports. Performs research in Bureau of Standards manuals for local application. Minimum Qualification Requirements: As outlined in CSC Handbook X-118, 6 years of appropriate experience, one of which is directly related to the duties of the position. One difficulty and responsibility to the next lower grade. Job Relevant Criteria: Thorough knowledge of electrical and electronic theory, including a facility for use of algebra, geometry, trigonometry and dif-ferential calculus. Knowledge of Navy Calibration program. Knowledge of statistics adequate to evaluate test results in terms of standard statistical parameters. Advancement Potential: GS-11 upon demonstrated ability to perform all duties and

Clerk-Typist, PD No. 755052, GS-322-4, Code 5533-Incumbent screens visitors and incoming telephone calls, initiates follow up action on correspondence, prepares and edits correspondence submitted by personnel in Branch, performs timekeeping duties, arranges conferences for Branch Head, prepares travel orders, and maintains Branch files. Must keep up-to-date on all Center and Navy instructions pertaining to travel, correspondence, timekeeping, filing, etc. Minimum Qualification Requirements: Two years of appropriate experience,

File applications for above with Joan MacIntosh, Bldg 34, Rm. 212, Ph. 2371 Recruiting assistance has been request-File applications for the above positions ed by the Metropolitan Police Department. Washington, D.C. for the following posi-

> Accident Report Reviewer, GS-301-5; Training Instructor (Firearms), GS-1712-7;

Automotive Mechanic Foreman, WS-5823-10; Automotive Mechanic Lead Foreman, WS 5823-8; Property and Evidence Control Technician, GS-2001-6; Property and Evidence Control Technician, GS-2001-5; Radio Equip ment Repairmon, WG-2608-10; Investigato (Gun Control), GS-1810-5; Criminal Infor mation Clerk, GS-205-5; Signal Systems Clerk, GS-301-4; Warrant Clerk, GS-301-4; Court Liaison Assistant (Clerical), GS-2001-5; Collateral Clerk, GS-301-5.

Friday, June 26, 1970

Further information may be obtained from the Information Receptionist, Per sonnel Department, Bldg. 34, ext. 2069.

Laborer (Heavy), WG-35002-03, JD No. 155-3 Aml, Code 707-Cleans vehicles and components, moves engines from the clean rack to assembly area, mounts tires and places them in storage racks and as sists in moving heavy components. Quali fication Requirements: Rating will be on the basis of the appropriate J-Elemen Standard in accordance with the CSA Handbook X-118C. Job Relevant Criteria Applicants must have ability and interes n the transportation repair trade as de monstrated by: (1) Ability to recognize by name and use basic machines and tools of the trade. (2) Mechanical trade interest evidenced by increased amounts of re sponsible work assignments. (3) Education training, self-development, and outside as tivities relating to the transportation re pair trade. Advances motive Mechanic WG-10 based on success ments and outside related studies conduct ed on own time.

File applications with Dora Childers, Bldg. 34, Room 210, Phone 2393.

According to CWO-2 W. E. Bassett, Resident Assistant Officer in Charge of the Commissary Store, here is an announcement of the holiday hours for that facility. The store will remain open on Monday and Tuesday, June 29 and 30, from 10:30 a.m. until 5:30 p.m. On Wednes day, July 1, the Store will close for inventory, and will reopen Thursday, July 2, from 10:30 a.m. until 5:30

The store will close July 3, 4, 5 and 6, and will reopen on Monday, July 6, for regular business, from 10:30 a.m. until 5:30 p.m.

Friday, June 26, 1970

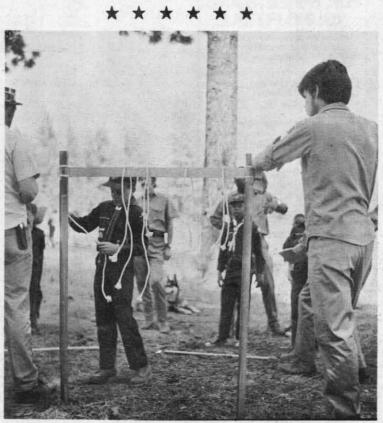


THE LOCATION of the first annual Cub-O-Ree was Camp Nick Williams, in the Piute Mountains. Swimming and fishing were two main pasttimes of Cub Scouts who attended the event



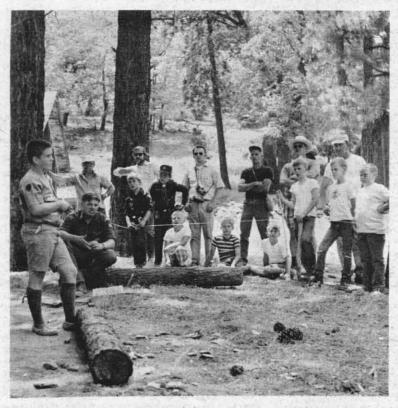
CWO-2 PHILLIP MOORE shows an unidentified Cub Scout the fine art of making a small fire in the fire building

Desert District Boy Scout Leaders Hold Cub-O-Ree



ROCKETEER

DURING THE WEEKEND, Cub Scouts competed in knottying contests, in addition to contests in axemanship, swim-ming, boating, fire building, and many other Scout events.



SCOUTERS AND THEIR fathers gather for a lecture on one of the arts of scouting during the weekend long event. Scouts ended each day with a campfire get-together which included skits, stories and award presentations.

Local Fathers Participate

More than 180 fathers and sons from China Lake, Ridgecrest, Inyokern, Boron, North Edwards and California City participated in the first official Cub-O-Ree ever to be staged by the Desert District of the Boy Scouts of America, on June 20 and 21 at Camp Nick Williams in the Piute Mountains south of Weldon.

Under the chairmanship of Mike Muffley, the Cub-O-Ree offered a chance for Cub Scouts and their fathers to get together for a weekend of planned activities. The principal reason behind the event was to allow an opportunity for Cubs to learn about camping through fellowship.

The first annual event, which was such a success that plans are already underway for next year's outing, was aided by help from Dick Guest, Dick Mahan, and Charlie Bridges, in addition to the help from Boy Scouts of Troop 801, 411 and Explorer Post 835.

Included on the weekend's list of events were nature hikes, fire building, knot tying contests, axemanship, swimming, boating, and instruction in emergency survival procedures.

In the evenings, Cub Scouts and their fathers gathered around the fire and took part in skits, told stories, and were presented with awards that were won during the day.

Non-denominational services were held on Sunday for those who wished to attend



Photography By PHCS C. E. Bruce



SCOUTS GATHER around the campfire area to build a "Lean-to Fire Lay." Talks and to listen to a talk by Howard Allen, who gave a demonstration on the proper way ous during the fun-filled weekend.

demonstrations such as these were numer-



DICK MAHAN demonstrates the proper trail cooking method for Scouts and their fathers, one of the many different Scouting skills taught during the weekend Cub-O-Ree.

Page Six

ROCKETEER

Friday, June 26, 1970

Dodgers in Lead As Major League **Close Draws Near**

The Dodgers and the Tigers are fighting it out for the second half championship and a shot at the Pirates, who won the first half, for the overall championship

The Dodgers currently lead the league with a 41/2-11/2 record, just 1/2-game ahead of the Tigers at 4-2. The Pirates have slumped and are in fifth place with a 2-4 record.

All-Star Team

The all-star team that will represent China Lake in the playoffs has been announced. On the team are:

Tim Kirwin, Giants; Billy Hall, Giants; Mark McDowell, Dodgers; Jeff Dierolff, Pirates; Gilbert, Pirates; Jerry Pangle, Pirates; Phillips, Pirates; Tommy Alvarado, Tigers; Jerome Johnson, Tigers; Knemeyer, Red Sox, and Drew Martin, Red Sox.

The team was selected by a vote of the players, managers The manager and coaches. with the best overall record will be named the team manager and will name two more players to round out the team roster

The playoffs will be played in China Lake July 24-25. China Lake will play Lone Pine in the first round and Bishop will take on Ridgecrest. The winners of the first games will meet the next night for the championship.

The minor leaguers end the first half of their season tonight with the Cardinals and the Braves playing on Diamond 3 and the Braves and White Sox scheduled for Diamond 4. Both games are slated to start at 8 p.m.

The teams will conclude their 15-game season July 23, followed by a playoff between the first half and second half winners for the overall title.

MAJOR LEAGUE STANDINGS

	W.	۱.	GBL	
Dodgers	41/2	11/2		
Tigers	4	2	1/2	
Yankees	21/2	21/2	11/2	
Giants	2	3	2	
Pirates	2	4	21/2	
Red Sox	2	4	21/2	
MINOR LEAGUE ST	ANDIN	IGS		
	W.	۱.	GBL	
Indians	4	2		
Athletics	41/2	21/2	1/2	
Cordinals	4	3	1	

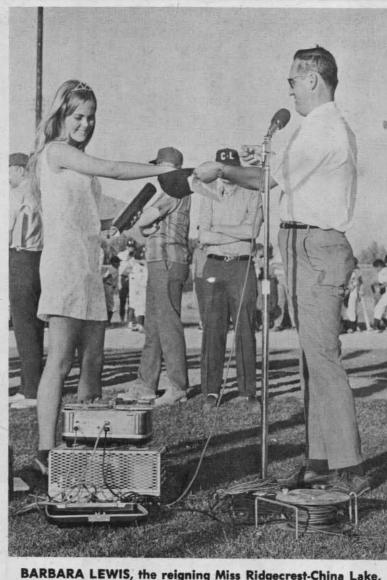
11/2 31/2

Angels League Champs As Colts Finish Season

China Lake's Pony and Colt League seasons are heading into their final weeks of play and the completion of one of their finest seasons.

The Pony Leaguers ended their season last night with the Angels emerging as the league champions. Playing steadily throughout the year, they outdistanced the rest of the league in the first year of full eightteam competition.

The China Lake all-stars are scheduled to play their first game at 8 p.m. July 15. Their opponents will be Saugus-Newhall in the opener and depending on the outcome of that game, will play the winner or loser of the Palmdale-Cortel contest. The games are slated to be played at the Antelope Valley College field.



BARBARA LEWIS, the reigning Miss Ridgecrest-China Lake, draws team names from a hat held by Chuck Dye at the official opening ceremony of the Minor League Saturday, June 13. Teams drawn played one inning each against one another for the benefit of fans who attended the ceremonies.

Sand Baggers Regain First In Golf League

Like the bridegroom who has Brooks tied their opponents. patiently watched his new bride dance with all her old beaus, the Code 45 Sand Baggers reasserted themselves. said "Excuse me, this dance is taken," and waltzed back into the lead in the Intramural Golf standings

Idle June 16 as the Chaparrals took over first place by 1/2 point, the Sand Baggers returned to action Tuesday evening with a 3-1 win over last week's leaders

Len Licwinko, Frank Mac-Donald, and Frank Barney scored wins for the Sand Baggers. Bill Irby won the Chaparral's lone point as his team fell to a tie for fourth place.

NAF was best man again, defeating the Chargers, 21/2-11/2, to hold on to second place de-spite a charge by Code 30's No. 2 team. The Code 30ers trounced the Rocketeers, 31/2-1/2, as Marv Rush, Ralph Pinto, and Deming Maclise recorded victories. Red Fisher, the league scoring leader with 6 points, tied the Rocketeer's Mike Krause.

The Ground Pounders stayed within chipping distance of the lead with a 3-1 victory over Code 30's slumping No. 1 team. Ed Weiseke and Bill Poole each had wins for the Ground Pounders. Ken Abplanalp and Ed

PONY LEAGUUE ST	ANDIN	GS	
	W.	L.	GBI
Cardinals	61/2	21/2	
Giants	6	3	1/2
Mets	3	6	31/
Dodgers	21/2	61/2	4
COLT LEAGUE STA	NDIN	GS	
	W.	L	GBI
Angels	101/2	21/2	
Yankees	81/2	41/2	2
Cardinals	7	6	31/
Indians	6	7	41/
Reds	6	7	41/2
Braves	51/2	71/2	5
e 1	41/2	81/2	6
Cubs	472	072	-

Code 551 and Code 17 played to a 2-2 deadlock. Ed Nelson and Roger McCollough won for Code 551, and Warren Stelzmiller and John Emery won for Code 17.

In Tuesday's sixth match, the One Elevens defeated the Duffers, 21/2-11/2. Code 5541 was not scheduled.

	Points
Sand Baggers	18
NAF	171/2
Code 30 (2)	171/2
Ground Pounders	161/2
Chaparrals	161/2
Code 17	141/2
Code 30 (1)	121/2
Code 551	111/2
Code 5541	11
One Elevens	11
Duffers	91/2
Chargers	71/2
D. d. trans	416



One Game Separates Four Softball Teams

Meet Steve Whitrok and Pete Klassen, two pitchers who almost singlehandedly have carried their teams to the top of the China Lake Softball League standings and who rank high themselves in consideration for June's Athlete of the Month award.

Whitrok pitched the NAF Hawks into a tie for first with a 13-3 win Monday over VX-5 after stopping Union 76, 3-1, on a four-hitter June 17.

Staked to a 2-0 lead in the bottom of the first on leadoff hitter Danny Fuller's single and Jim Sebastian's home run, Whitrok held the 76ers scoreless until the seventh when Dave Taylor's single, a ground out, and Bob Hooper's single produced Union's only run.

VX-5 jumped to a 3-2 lead after three innings Monday night, but Whitrok held the Vampires to three singles while the Hawk hitters pounded three VX-5 pitchers for 11 runs to end the game at the end of five innings.

If possible, Klassen was even more outstanding. He pitched 21 innings and won two games, including a 10-0 shutout over Ace TV and a 4-3 win over Union 76 in 12 innings.

Triangle started the week by defeating VX-5 in a slugfest, 10-8. Triangle took a 1-0 lead in the first but fell behind, 3-1, in the top of the third on singles by VX-5's Dick Simpson, Tiny Brinson, and Bill Fernow and a run-scoring error.

Triangle had a 4-3 lead in the bottom of the third, before VX-5 went back in front, 5-4, in the fourth. Singles by Fernow and Bob Dixon and a homer by Rusty Draper made it 8-4 after the fifth.

However, in the bottom of the fifth Triangle's Carson and Martin hit back-to-back homers to cut the Vampire's lead. Triangle scored four more as Carson's homer with Andy Gilpin aboard won the game.

Klassen was on the next night and stopped Ace on three singles and a walk. Triangle hitters did the rest. Jimmy Ayers went 3-for-4, Roger Short 2-for-3 and a homer, and Franich 1-for-3 with a home run.

Triangle ran its winning streak to three as Klassen bested Bert Andreason in a fierce pitching duel in Monday's early game. The teams were tied 1-1 at the end of seven innings, but Triangle took a 2-1 lead in the top of the ninth on Short's run-scoring double.

Union started a rally of its own in the bottom of the in-Crowe led off with a single and Bob Kochman followed with a double to left, but Carson's throw from the fence nailed Crowe at the plate to save a run. Andreason then stroked a triple to center to tie the game. He was thrown out at the plate one play later when he tried to score on Ayer's grounder to third.

Triangle finally scored the deciding run on Ayer's single, Drex Moulder's sacrifice, and Dennis Crager's single. Klassen then shut Union down in the bottom of the 12th to earn the victory.

In the week's only other game, El Ranchito pounded hapless VX-5, 21-8, in six innings. Clodt homered, doubled and walked to lead El Ranchito, while Tom Haus paced the Vampires with a three-run homer

JIMADINOJ				
	W.	L.	GBL	
Union 76	7	4		
NAF	7	4		
Ace TV	6	4	1/2	
Triangle	6	5	1	
VX-5	1	10	6	
SLO-PITCH STAND	DING	s		
	W	L	T	
Saints	7	0	0	
Maulers	6	0	1	
C.B. All Stars	5	2	1	
Maladroits	5	4	0	
Warriors	5	4	0	
Muthas	. 4	3	0	
Sandblasters	. 3	5	0	
Lardo's	. 2	6	0	
X 7231	. 1	7	0	
	-	-		

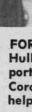


GIRL'S SOFTBALL LEAGUE OPENS -Members of the Youth Center-sponsored Girl's Softball League flank Mrs. J. K. McConeghy, wife of the NWC Executive Officer, as she prepares to throw out the first ball, signalling the beginning of the season.

fore July 31.

by law.

families.



Friday, June 26, 1970

ROCKETEER

Annuity Increase Available For July 31 Retirees

Information from the U.S. Civil Service Commission indicates that a cost-of-living adjustment of Civil Service annuities amounting to 5.6% will take effect August 1, 1970 for employees retiring on or be-

The Civil Service Retirement Law provides for an automatic increase of Civil Service annuities whenever the cost of living, nationwide, goes up by at least three percent over the Comsumer Price Index (CPI) for the month used as the base for three consecutive months. The present base month is August 1969. March 1970 was the first month since August 1969 that the percentage increase in the Consumer Price Index equaled at least three percent over August 1969. The percentage increase was 3.5% in March, 4.1% in April, and 4.6% in May.

According to law, annuities are increased by the highest percentage increase in the Consumer Price Index during the three-month period plus an additional one percent authorized

Employees desiring to retire on or before July 31, 1970 in order to take advantage of the increase in annuities should contact their department's Personnel Management Advisor to arrange for retirement counsel-

Club Chaparral To Close Sundays

According to a memorandum from Hank Walker, manager of the Club Chaparral, the club will close on Sunday, effective June 28, until further notice. In addition, Walker stated that the Club Chaparral will close on July 4 to allow the employees of the Club to celebrate the holidays with their



EEO WORKSHOP-Gertrude Brewster and J. R. Arrendondo of the Corona Annex discuss equal opportunity problems with Anne Hay (standing), who conducted a recent three-day workshop on the subject. Mrs.

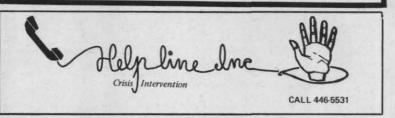
Hay is a representative of the San Francisco office of the Civil Service Commission. The workshop is part of the Center's supervisory development program.

-NWC Corona photo

New County Ordinance Restricts Fireworks Use

A new Kern County ordinance relative to personal fireworks will be enforced by the Naval Weapons Center, according to a NAVWPNSCEN Notice. Last September, the County passed an ordinance which adopted the California Uniform Fire Code. This Code, as adopted, prohibits the storage, use, or explosion of any fireworks by individuals. Public displays properly authorized by Kern County are permitted.

No fireworks (this includes sparklers) except paper caps are permitted. The Kern County Fire Marshal reports that most fires attributable to fireworks are started by sparklers. This notice is published at this time to prevent wasted expenditures on what is now an unlawful commodity. Violations of County Ordinances are punishable under law. Residents are asked to please comply and avoid embarrassment.





FORMER VX-5 SAILOR RETURNS-David Hull, who is currently head of Fleet Support for the Standard Arm missile at the Corona Annex, returned to VX-5 recently to help the squadron celebrate their 19th an-

niversary. Mrs. Hull and son, John, accompanied him on a tour that was conducted by Lt. Ray Clary, VX-5's legal officer. Hull was the third man to check into VX-5 when it was first formed back in 1951.



SECURITY OFFICER-LCdr. Robert M. St. Germain reported aboard the Center recently to assume the duties as NWC Security Officer. He will replace LCdr. B. W. Cummings, who has been as-signed for duty aboard the USS Wichita. LCdr. St. Germain is a graduate of St. Anselm's College, in Manchester, New Hampshire, his home town. He and his wife, Lillian, have three children: John, 9, Justin, 7, and Ann, 4. LCdr. St. Germain's previous duty was with the United Nations Truce Supervisory Organization as a military observer.

Two Assessments Waived; Two Due Says **GEBA-CLMAS**

According to Larry Mason, Secretary-Treasurer of the Govsociation and the China Lake Mutual Aid Society, Assessments No. 210 and 138 have been waived. The assessments were for member Harold Shingleton, who passed away May 24 in Los Angeles.

Assessments No. 211 and 139 are now due for the death of Roy West, who recently retired from Code 2591. Assessments No. 212 and 140 are also now due for the death of Frank Ptacnik Sr., who passed away June 20 in Lancaster, California

All members are urged to pay their collectors as soon as possible. They are also reminded to be sure their beneficiaries are up to date with a current address.

Degreasing Agent Wins Beneficial Suggestion Award

A suggestion for insuring clean, positive electrical contacts on the multi-pin, plug-in connectors used in Navy missiles, earned a check for \$100 for Robert S. Scott, electronics technician at the Naval Weapons Center Corona Annex.

Use of Freon TF, a de-greasing agent was the suggestion. Packed in an aerosol can, it is sprayed with sufficient pressure to penetrate the minute sockets and fine pins, flushing out dust, oil, and other corrosion deposits that can cause failures in the multiple connectors.

These connectors sometimes have as many as 100 pins and sockets, some of which carry very small signals. It is imperative that the connections be clean and sure. The inert Freon solvent is ideal for the job. It is non-conductive, evaporates quickly, can be stored easily. and is readily available.

The idea for adapting the fluid to this use came to Scott when he was in Guantanamo Bay last August on a missile testing mission.

The blowing dust and high oxidation, complicated by leaking hydraulic oil, caused him to think there must be a better method of cleaning these electrical connectors.

The check and a certificate were presented to him by W. F. Vizard, of Fuze Development Division I. Scott's Branch Head, K. J. Calderwood, Project Branch II, approved.

NWC Recruitment Panel To Hold NAF Swim Party

The NWC Recruitment Panel will hold its annual NAF Swim Party to welcome all new permanent and summer professional employees and their families on Friday, 10 July, from 5 p.m. until 9 p.m. All permanent Junior Professionals, their supervisors and senior employee associates, summer graduate-student employees and faculty are invited. Tickets sell for \$1 per person (children under 12 will be admitted free of charge) which includes admission and dinner. urgers will be grilled the picnic site. Potato chips and a choice of salads will complete the serving. Beverages may be purchased at the NAF Pool. Music will be supplied ernment Employees Benefit As- and games have been planned to assure an evening of fun and a great opportunity for newcomers to get acquainted.

> Tickets may be purchased from the 16 Recruitment Panel Department Representatives including:

Marge Sorenson, Code 12; Rita Lane, Code 17; Donna Davis, Code 30; Patty Graham, Code 306; Jean Rollingson, Code 35024; Pat Dettling, Code 40, Pearl Loyal, Code 404; Terry Wiruth, Code 404; Mike Sanitate, Code 4043; Fran Bullock, Code 458; John Crossley, 5009; Bill Arnold, Code 55; Edith Fallis, Code 60; Kay Mussler, Code 65; J. D. Brooks, Code 7037; and Marian Chartier, Code 3536.

Page Four

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Friday, June 26, 1970

Center Security Department Is Microcosm The NWC Security Depart- in transit to other Centers.



LCDR. R. M. ST. GERMAIN, (2nd from right), who will assume the duties of NWC Security Officer July 1, receives an orientation from LCdr. B. W. Cummings, 2nd left,

Security Officer, and Mrs. E. Q. Paine, I, secretary for the department head, and R. H. Bodwell, r, the Associate Department Head.

ment, headed by LCdr. B. W. Cummings, is composed of the Police Division, Fire Division, and the Security Operations Division. Recently, the Fire Di-vision, headed by Fire Chief J. R. Brust, was featured in THE ROCKETEER.

On these pages, the Security Operations Division, headed by John Dowd, and the Police Division, led by police chief V. A. Cummins, are explained to China Lake residents.

The Security Operations Division is composed of the Internal Security Branch, headed by W. E. O'Neill, and the Official Visitors Branch, led by N. F. Smith.

Internal Security is responsible for background investigations performed on new employees; the badging of new employees; employees' security checks, and the issuing of passes for employees and their dependents.

The Security Operations Di-vision and Official Visitors Branch are responsible for messages, official visitors, coordinating classified projects with other stations, and, in general, any other type of classified handling. In addition, the branch sees to the security of classified documents and information aboard the Center, or

The Passport and Contract Security office, staffed to the Department Head, is responsi-ble for furnishing passports to NWC employees, and completing travel arrangements for overseas visits performed by employees in the line of duty, and the security of classified contracts.

The Police Division is broken down into two large sectionspolice, and guard branches. This division, which includes an Investigative Branch, Juvenile Branch, and Vehicle Control Branch, handles the police work of the Center.

In the Investigative Branch, uniformed policemen handle emergency calls for assistance, investigate complaints, and make crime reports. It is the duty of an NWC police officer to enforce Federal, State, and County laws, in addition to NWC Instructions.

At the present time, NWC has two plainclothes detectives, and one detective trainee usually a patrolman from the Investigative Branch on temporary training duty. C. A. L. Mitchell heads the Investigative Branch.

Sgt. E. J. Roy is the Center Juvenile officer. In addition to his regular duties, Sgt. (Continued on Page 8)

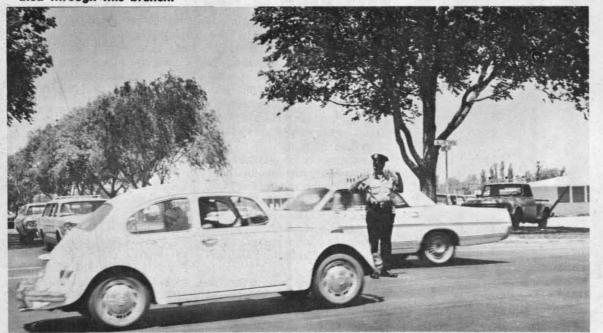


ANN COTTINGHAM, of the Internal Security Branch, laminfor a new NWC employee. All passes and badges, both for employees and their dependents, are han-dled through this branch.



V. A. CUMMINS, Chief of the NWC Police Department, I, meets with members of his Mitchell, police captain, and H. R. Smith, staff to discuss police policy. They are, I to police lieutenant.

r, Darlene Baker, police secretary, C.A.L.



POLICE OFFICER Jerry Lefebvre directs traffic at the Lauritsen and Blandy inter-

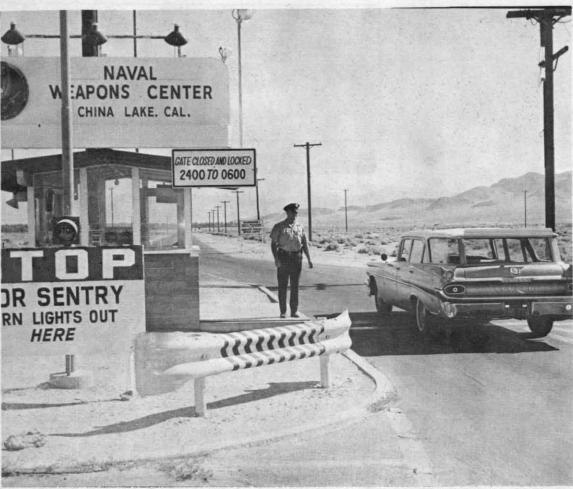
section. Traffic on the Center is the responsibility of the NWC Security Dept.



OFFICER LEFEBVRE cites a motorist for a physical violation of an NWC Instruction. Members of the NWC Police Division are responsible for enforcing all Federal, State, County, and NWC motor vehicle laws.

Friday, June 26, 1970

ROCKETEER

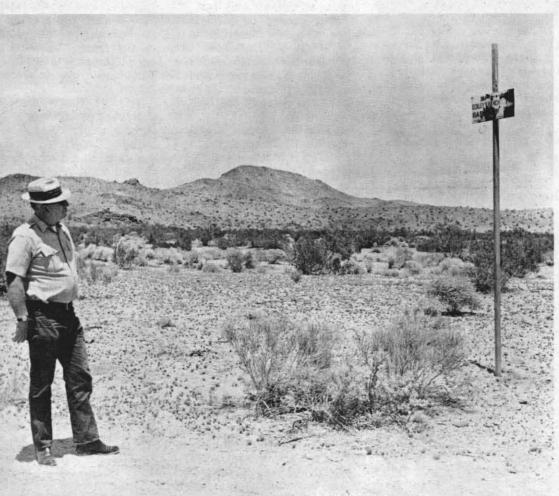


branch, checks passes at the Richmond Road

E. J. HISER, a member of the NWC Guard Gate. Members of the guard branch are responsible for the physical security of NWC.



WM. O'NEILL, Head, Internal Security Branch, fingerprints a new employee in preparation for the issuance of an identi-fication badge.

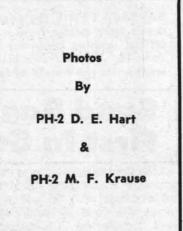


sponsible for range patrol on the Center.

R. J. WHITING, an NWC policeman, is re- Here he checks signs posted at the perimeter of NWC property.



POLICE AND GUARD personnel receive a briefing from Sgt. D. E. Crager and Lt. H. R. Smith prior to going on duty. Each shift receives a similar briefing prior to a shift.







MRS. MARIE ANN MICHEL who handles the dispatching of NWC Security patrol vehicles, and emergency vehicles, is a member of the NWC Police Division. Policemen are responsible for answering emergency calls, and the investigation of crime or accident complaints. The calls are usually routed through Policewoman Michels.

