

### New circulation system at Center library is time saver for patrons

A new circulation system, based on the use of the family or individual circulation number of each patron, has been inaugurated at the Center library.

According to Mike Santone, librarian, the new system will not only save patrons' time, but it also will improve service and establish controls over library materials.

Patrons' time is saved because it is no longer necessary for those checking out books or other library materials to write their name, address, and other information on a checkout slip.

Now all that is necessary is for the library customer to give his or her family circulation number to the employee at the circulation desk and the library will do the rest. Circulation numbers are being issued as individuals or members of a family register under the new system.

the due date and the patron's circulation number, and should remain in the pocket until the book or other type of library material is returned.

Without this card, it was pointed out by Santone, extra work will be required at the library to find the information necessary to remove the book from the records of an individual patron. Without it, an individual's records may show that he or she has a book that is due, when this may not be the case.

"We hope the new system will make the Center library a better place to come for pleasure, recreation or information, and are looking forward to assisting you," Santone said.

The library is open seven days a week from 12 noon to 9 p.m.



**NEW LIBRARY SYSTEM** — Librarian Mike Santone uses the Center Library's new circulation system to check out books to a library patron. The system is based on the use of patron circulation numbers. It was adopted to save patrons' time, to improve service and to establish controls over library materials.

### Musical program slated at Cerro Coso College as Sunshine House fund raiser

The Starshine Singers, a group of local musicians and vocalists, will be featured in a program to be presented on Friday and Saturday, Aug. 17 and 18, starting at 8:15 p.m. at the Cerro Coso Community College lecture hall.

The college lecture hall will seat just 200 persons. Those interested in attending are urged to come early and help pack the house. Doors will open at 7:30 each evening.

This program, which is a community effort, is a fund-raising event for the benefit of Sunshine House, local activity center for the handicapped.

Among the entertainers will be a musical combo composed of Steve Nixon, pianist; Mike Bass, drummer; and Bill Stader, on the bass.

Singers who will lend their talent to the program are Cynthia Harris, Deborah Liv Johnson, Elena Vitale, Richard Olson and Reno Venturi. Their songs will range from gospel and classical music to disco and show numbers, as well as some original work.

There will be no advance sale of tickets, which will be sold only at the lecture center box office prior to each show. The admission price is \$2 for adults, and \$1.50 for students, enlisted military personnel,



**YOUNGEST DANCER** — The efforts of Terrina Reed, a member of the Thea Lani dancers who performed a Polynesian review at the Commissioned Officers' Mess, were enjoyed by COM members and guests attending the annual luau on Friday, July 27. Little Miss Reed, age 2, is a regular performer with the group. The luau included dinner, the floor show and dancing until 1 a.m. Although the COM held the event two months earlier than in previous years, the club manager stated that the number of people attending was comparable to previous years even though many COM members were on vacation with their families.



#### Commissioned Officers' Mess

Two special events are on tap next week at the Commissioned Officers' Mess, beginning with a Japanese dinner on Tuesday evening.

From 6 to 9 p.m. Tuesday, the COM dining staff will be serving such culinary delights as beef teriyaki, chicken yakitori, and shrimp tempura.

Next Friday, Aug. 10, is dinner-theatre night at the COM. Following dinner ordered from the menu from 5:30 to 7:30 p.m., attention will be focused on the Alpha Omega Players who, starting at 8 o'clock, will present "The Drunkard," a hilarious Broadway melodrama.

Tickets for the dinner and show are priced at \$6.50 per person. Reservations can be made by calling the COM office, phone 446-2549.

#### Enlisted Mess

On Monday, the Enlisted Mess will be holding a cookout, featuring hamburgers, hot dogs, and chicken salad. The meal will be served from 6 to 8 p.m.

Following the cookout, "The Alpha Omega Players" a group from Rockport, Tex., will present a humorous melodrama entitled "The Drunkard," starting at 8 o'clock.

The price of \$3 per person includes both the dinner and the show. No reservations are necessary. All EM patrons are welcome.

#### No Library Card To Carry

There is no library card to carry, forget or lose, and dependents will no longer have to struggle to remember NWC employee codes, addresses or telephone numbers. In addition, the library clerk will be able to quickly inform the patron how many books he or she has out, their titles and due dates. Patrons who are registered will be able to checked out by the library by telephone if they should leave the area.

All materials borrowed from the library are due back three weeks from the day they are picked up.

Because the library often must spend a great deal of non-productive time and money sending out overdue notices, one rule that will be enforced under the new system is that patrons who have books or other materials that are overdue will not be allowed to check out additional items until those that are overdue have been returned or renewed.

The bright side of this, however, is that there are no overdue fines for books. Library patrons must, however, pay for any book that is lost.

To assist patrons, library personnel will place a date due card in the pocket of each item that is checked out. This card indicates

### Calendar

Aug. 7 — Farewell party for Capt. F. H. M. Kinley, NWC Vice Commander, social hour, 6:30 p.m., followed by presentations at 7:30. Commissioned Officers' Mess.

Aug. 10-11 — CLOTA presents "Stop the World, I Want To Get Off." Burroughs High School lecture center, 8 p.m.



**LUAU FESTIVITIES** — The Commissioned Officers' Mess had a "good" turnout of about 190 people for its annual luau on Friday night, July 27. After the luau buffet of Kaihua roast suckling pig, Maui coconut chicken, teriyaki beef and baked fish in coconut milk, the Thea Lani dancers put on an hour-long floor show, which delighted those in the audience. Anyone who missed the COM luau will have another chance this year when the Chief Petty Officers' Club holds its annual luau on Saturday, Aug. 25.

—Photos by PH2 Tony Garcia

# nwc rocketeer

Naval Weapons Center  
China Lake  
California

August 3, 1979

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**OUTSTANDING EFFORT RECOGNIZED** — In the same manner that he performed the work for which he was awarded the NWC Technical Director's Award, Dr. Richard Bednar uses a desk top computer to determine target acquisition capability and clutter for the Advanced Medium Range Air-to-Air Missile. Dr. Bednar, who will be leaving China Lake soon, received the TD Award at Monday morning's Commander's meeting. — Photo by PH2 Tony Garcia

## Evaluation, analysis of waveforms used in RF seeker concepts basis for TD Award

Presentation of the NWC Technical Director's Award in recognition of outstanding technical accomplishment highlighted Monday morning's Commander's meeting held in the Management Center of Michelson Laboratory.

Singled out to receive this special form of a Superior Achievement Award was Dr. Richard A. Bednar, an electronics engineer in the Dynamics Control Branch of the Weapons Department's Weapon Synthesis Division.

The award was presented by Bob Hillyer, NWC Technical Director, in recognition of the development by Dr. Bednar of analytical techniques for the evaluation and analysis of waveforms used in radio frequency (RF) seeker concepts.

#### Contractors Have Benefited

"I'm impressed by the quality of the technical work that was done," Hillyer stated as he called Dr. Bednar forward to accept the Technical Director Award. "All five of the competing contractors have benefited from it, and the Advanced Medium Range Air-to-Air Missile (AMRAAM) will have a better seeker as a result of Dr. Bednar's contribution," the Technical Director stated.

In the letter of commendation addressed to Dr. Bednar which accompanied the Technical Director Award it was noted that "important advances have been made in understanding various waveforms in the presence of clutter. Your work brings credit not only to yourself, but to your colleagues and to this Center."

#### Engraved Paperweight Presented

In addition to the letter of commendation, Dr. Bednar also received an engraved paperweight and a \$200 stipend.

The latest recipient of the NWC Technical Director Award was nominated for this honor by W. B. Porter, head of the Weapons Department, and this nomination was endorsed by Air Force Col. Luke H. Boykin, Jr., Director of the AMRAAM Joint Service Program Office (JSPO), Eglin Air Force Base, Valpariso, Fla.

Col. Boykin noted that during the conceptual design and pre-prototype phases of the AMRAAM program, Dr. Bednar provided the AMRAAM JSPO with performance assessments of the various

proposed waveforms. These predictions and his explanation of anomalies, it was pointed out by Col. Boykin, not only aided the JSPO in evaluation of proposed designs, but provided information to the contractors that resulted in significantly improving the performance potential of their guidance units.

"The analysis tool developed by Dr. Bednar currently has no counterpart in industry," Col. Boykin wrote, "hence, it is not surprising that the AMRAAM contractors have expressed a desire to use the capability as a design aid."

"We in JSPO anticipate that as the analytical techniques developed by Dr. (Continued on Page 4)

## Agreement signed on Indians' visits to Coso Hot Springs

A year of negotiations between the Naval Weapons Center and the Owens Valley Paiute-Shoshone Indians for a program permitting use by local Indians of the Coso Hot Springs area on the Center's test ranges was concluded last Saturday by the signing of an agreement for Indian use of the area.

Execution of the agreement is considered precedent-making in that the Center and the Owens Valley native Americans have successfully negotiated a mutually satisfactory arrangement for use of an area that is important to both.

Coso Hot Springs, located 125 miles south of Bishop, is believed by the Owens Valley Indians to have a special importance in their tribal traditions.

The access agreement signed last month by Rear Admiral William L. Harris, former Naval Weapons Center Commander, was executed on behalf of the Owens Valley band of Paiute-Shoshone Indians by Mrs. Neddeen Naylor of Lone Pine.

Mrs. Naylor is the chairperson of a five-member Coso ad hoc committee. The committee, appointed by the board of trustees of the Owens Valley band of Paiute-Shoshone Indians, represents native Americans in the communities of Lone

(Continued on Page 3)

## Capt. Kinley to be replaced by Capt. Aldana as Vice Commander

Capt. Louis P. Aldana, who is presently serving as Acquisition Manager for the Intermediate Depth ASW Mine project for the Naval Sea Systems Command, will become Vice Commander of the Naval Weapons Center in late August.

Capt. F. H. M. Kinley, who has served at China Lake as Vice Commander since December 1976, will leave here next Wednesday, Aug. 8, for a new assignment as Commanding Officer of the Fleet Combat

the line officer next in succession to command. He also acts jointly with the Technical Director in directing and integrating the work of Center departments to best accomplish the mission of the Center.

Besides being the Vice Commander, Capt. Kinley was also the Center's Support Director. In this role, which will also be assumed by Capt. Aldana, he exercised line management responsibility over four departments. These include Military Administration, Safety and Security, Supply and Public Works.

Capt. Kinley's wife, Priscilla, has been actively involved in community affairs during the 2½ years since her arrival at the Naval Weapons Center.

Active in the Navy Relief Society (NRS), she organized training sessions at China Lake for volunteers and served as chairwoman of the NRS volunteers, along with being a volunteer receptionist for the

(Continued on Page 5)



Capt. F. H. M. Kinley

Training Center, Atlantic, Dam Neck in Virginia Beach, Va.

During the interim period Capt. Sig Stocking, head of the NWC Aircraft Department, will serve as acting Vice Commander.

Capt. Kinley also served for a four month period from May to September 1977 as NWC Commander while waiting the arrival of Rear Admiral William L. Harris.

A farewell party honoring Capt. and Mrs. Kinley will be held at the Commissioned Officers' Mess on Tuesday night.

The Vice Commander at China Lake acts for the Commander in the overall general administration of the Center and serves as



**AGREEMENT SIGNED** — Officials of the Naval Weapons Center, representatives of the Coso Ad Hoc Committee of the Paiute-Shoshone Indians, and others interested in the use by native Americans of the Coso Hot Springs area were present last Saturday at the old Coso resort to sign an agreement covering use by the Indians of this parcel of land, which is included within the NWC northern range area and is on the National Register of Historic Places. Signers of the agreement are (seated, l.-r.) Patti Wermuth, L.Cdr. Perry S. Patterson, Phyllis Hunter, Art Maillet, Capt. J. R. Ives, Neddeen Naylor, Tilly Barling, Ruth Brown and

Hazel McClean. NWC representatives among this group are Capt. Ives, Public Works Officer; L.Cdr. Patterson, Staff Judge Advocate; and Mrs. Barling, head of the Center's Natural Resources Office. Ms. Naylor signed as chairperson of the Coso Ad Hoc Committee. Other committee members who signed the agreement were Ms. Hunter and Ms. McClean. Ms. Wermuth represented the Kern River Valley Indian Community, Maillet was present on behalf of California Indian Legal Services, and Ms. Brown is a member of the Native American Heritage Commission.

— Photo by Joe Dunn

## MOVIES

(G) ALL AGES ADMITTED  
General Audiences  
(PG) ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) RESTRICTED  
Under 17 requires accompanying  
Parent or Adult Guardian

Regular starting time — 7:30 p.m.  
For synopsis information call  
Code-0-Phone 939-2411

There will be no Saturday matinees until  
further notice.

**FRIDAY AUGUST 3**  
"MOVIE MOVIE"  
Starring  
George C. Scott and Red Buttons  
(Comedy, rated PG, 113 min.)

**SATURDAY AUGUST 4**  
"JAWS II"  
Starring  
Roy Scheider and Lorraine Gary  
(Adventure-drama, rated PG, 116 min.)

**MONDAY AUGUST 6**  
"OLIVER'S STORY"  
Starring  
Candice Bergen and Ryan O'Neal  
(Romantic drama, rated PG, 98 min.)

**WEDNESDAY AUGUST 8**  
"COMES A HORSEMAN"  
Starring  
James Caan and Jane Fonda  
(Western-drama, rated PG, 119 min.)

**FRIDAY AUGUST 10**  
"BUCK ROGERS IN THE  
25TH CENTURY"  
Starring  
Gil Gerard and Pam Hensley  
(Adventure-fantasy, rated PG, 89 min.)

**SATURDAY AUGUST 11**  
"NATIONAL LAMPOON'S  
ANIMAL HOUSE"  
Starring  
John Belushi  
(Comedy, rated R, 109 min.)

★ U.S. Government Printing Office:  
1979—No. 38

From: \_\_\_\_\_

PLACE  
STAMP  
HERE

To: \_\_\_\_\_



PATENTS AWARDED IN FUZE, SENSORS DEPT. — R. A. Boot (at left), head of the NWC Fuze and Sensors Department, recently presented initial or additional patent awards to five of the employees in Code 33. The recipients were (l.-r.) Myren L. Iverson, Jim R. Denney, Anthony San Miguel, Roy Nichols and Roy M. Ito. Iverson received two additional patent awards for optical sliprings that are used as replacements for mechanical sliprings in gimbal systems requiring high data rates in high noise environments. Denney shared an initial patent award with Howard M. Forrester (not present for photo) for a "Threshold Detector Range Gate Circuit." San Miguel was the recipient of an initial patent award for a "Safety-Arming Device for a Directed Warhead." Nichols received an initial patent award for a "Laser Radar Fuze" and an additional patent award for "An Amplitude Only Active Optical Proximity Fuze." Ito worked with two men unable to be present for photo (Daniel A. Goss and Larry H. Josephson) on a "Target Detection Device" for which they shared an initial patent award. Another Code 33 employee unable to be present for the photo was W. Ray Magorian, who received an initial patent award for a "Helicopter Radar Warning System."

### Some employees may qualify for back pay, benefits under GSRA

Certain Naval Weapons Center employees may qualify for retroactive pay and benefits as a result of the Civil Service Reform Act. Title VII of the Civil Service Reform Act of 1979 provides for payment of retroactive pay and benefits when an employee is reduced in grade as a result of a reduction-in-force or reclassification action. The reduction in grade must have occurred on or after Jan. 1, 1977, and prior to the effective date of the retroactive provisions of the Act, Jan. 14, 1979. Employees who have been reduced in grade under one of the conditions mentioned in the preceding paragraph should obtain Office of Personnel Management (OPM) Form 1367, from the Employment Information Desk in the lobby of the Personnel Building. After completing the appropriate portion of that form, the entire form should be returned to the Employment Wage and Classification Division, Personnel Department (Code 092). An individual's entitlement, if any, to retroactive pay and benefits under the Civil Service Reform Act will be computed by his or her current payroll office and appropriate payroll offices of any agencies in which the employee served subsequent to the reduction in grade which qualifies him or her for retroactive pay and benefits. If during the designated retroactive period, you were employed by more than

### Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092-Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WO, WL and WS positions are defined in CSC Handbook X-118C.

Clerk (Typist), GS-322-3/4, PD No. 7900067N, Code 00 — (Intermittent) (All status eligibles are in absence) — This position is intermittent within the Office of the Commander, including Codes 00, 01, 02, 03, 003 to provide clerical support as needed. The incumbent will perform such duties as typing various kinds of correspondence; answering telephones; opening, screening, and routing mail; maintaining files and greeting visitors. Job Relevant Criteria: Ability to type efficiently and accurately; ability to deal tactfully with people; knowledge of Center's organization and policies. Previous applicants need not apply.

Secretary (Steno), GS-318-4/5, PD No. 7900014N, Code 003 — This position is that of secretary to the Public Information Officer. Incumbent performs such duties as maintaining all incoming and outgoing correspondence; memoranda, etc.; opening mail, screening phone calls; greeting and assisting visitors; maintaining supervisor's calendar; maintaining control records on incoming correspondence and documents requiring action; handling inquiries from news media on general issues; editing and typing speeches, Congressional and business, State and Federal. Status eligibles accepted. Previous applicants need not apply. Job Relevant Criteria: Ability to work well under pressure; ability to work independently; ability to use tact in dealing with both on and off-Center personnel; knowledge of proper English usage, grammar, and punctuation; ability to plan and organize work and establish priorities.

Lead Firefighter, GS-081-4, PD No. 7824035, Code 242 — This position is located in the Fire Division of the Safety and Security Department. Incumbent is crew chief of the major piece of motorized fire fighting apparatus and its crew. Duties include answering fire alarms, instructing crew in operation of fire equipment and all phases of fire fighting and directing fighting crews at various locations. Job Relevant Criteria: Knowledge of fire prevention practices and ability to supervise and conduct inspections and identify fire hazards; ability to communicate with others effectively both orally and in writing in working out solutions to problems or questions relating to the work; potential to motivate, train, and work effectively with others; ability to plan own work and carry out assignments effectively; demonstrated potential ability to plan initial attack including rescue and the efficient control and extinguishments of fires; knowledge of locations (streets, water distribution, alarm/detection systems, building contents, layouts, etc.).

Planner and Estimator (General), WD-4701-8, JD No. 475, (2 vacancies), Code 2638 — Positions are located in the Planning Branch, Engineering Division of the Public Works Department. The incumbent reviews data and writes work requests for deficiencies for Center facilities, provides coordination and status services for the identified deficiencies, updates the computer data bank for deficiencies of facilities, writes detailed work descriptions and provides material cost estimates, manhour estimates and bills of materials as required. Job Relevant Criteria: Ability to facilitate production; technical practices; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; knowledge of pertinent tools and equipment.

Secretary (Typing), GS-318-4/5, PD No. 770002N, Code 264 — The incumbent is secretary for the head, Maintenance-Utilities Division, Public Works Department. Assigns passenger cars, trucks, buses, and other mobile equipment to specific work assignments upon approved requests. Plans, routes and consolidates trips when practicable and expedient. Maintains files and records on all vehicles. Occasionally operates equipment in absence of regular drivers or alternates. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of mobile equipment; work practice (includes keeping things neat, clean and in order); ability to interpret instructions and maintain records; ability to drive safely (motor vehicles); reliability and dependability as a mobile equipment dispatcher.

Mobile Equipment Dispatcher, WG-5701-8, JD No. 476, Code 26782 — This position is located in the Automotive Vehicle Section, Transportation Division, Public Works Department. The incumbent is responsible for coordinating the operations of a pool of mobile equipment. Assigns passenger cars, trucks, buses, and other mobile equipment to specific work assignments upon approved requests. Plans, routes and consolidates trips when practicable and expedient. Maintains files and records on all vehicles. Occasionally operates equipment in absence of regular drivers or alternates. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of mobile equipment; work practice (includes keeping things neat, clean and in order); ability to interpret instructions and maintain records; ability to drive safely (motor vehicles); reliability and dependability as a mobile equipment dispatcher.

Firefighter, GS-081-5, PD No. 7924014N, Code 242 — The following corrects a typographical error in the Job Relevant Criteria published in the July 20, 1979, Rocketeer. Correction reads as follows: Job Relevant Criteria: Knowledge of locations (streets, water distribution, alarm/detection systems, buildings, contents/layouts, etc.); ability to operate firefighting apparatus and equipment, structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment; driving ability (proper use of gears, clutch and brakes; demonstrated safe, smooth and effective operations of vehicles); knowledge of fire prevention practices with regard to building inspections and ability to identify fire hazards;

knowledge of reference sources; firefighting knowledge (knowledge of fire, origin and techniques of extinguishing fires); ability to accept responsibility and carry out assignments with minimal supervision. No new applications will be accepted. Questions regarding this correction can be addressed to Jane Milligan, Bldg. 34, Rm. 203, Ph. 3118.

Secretary, GS-318-5, PD No. 7831138, Code 317 — The incumbent serves as division secretary in the Survivability and Lethality, Surface Targets Division, Systems Development Department. The incumbent handles a variety of administrative procedures within the division, such as time cards, pay checks, travel records, and stub requisition records. The incumbent also performs a variety of clerical duties such as receiving all division mail, receiving and referring telephone and personal callers, and setting up and maintaining division files. Job Relevant Criteria: A knowledge of all types of NWC and Navy correspondence; the ability to communicate effectively orally and in writing; ability to work on own initiative without supervision; a knowledge of grammar, punctuation and spelling.

Electronics Technician, GS-656-12, PD No. 7929264, Code 3247 — The position is located in the Terrain Denial Weapons Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent performs design and analysis on Gator Weapons System. Duties include circuit analysis and design, drawing coordination, part selections, manufacturing coordination, failure analysis, instrument development and reporting. Job Relevant Criteria: Knowledge of circuit analysis and design; knowledge of high current transmission; ability to perform comprehensive failure analysis; ability to write clear, concise reports.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514. Electronics Engineer, GS-655-9/11/12, PD No. 7831107/7935074/7935077, Code 3917 — This position is in the EW Analysis Branch, Systems Sciences Division, Electronic Warfare Department. Incumbent designs electronic simulations and tests involving the employment of electronic warfare active countermeasures systems against simulations or hardware components of threat systems. Also analyzes the capability of U.S. Navy active countermeasures equipment against threat systems to support test and evaluation. Job Relevant Criteria: Experience in use of laboratory testing, measuring and recording equipment; knowledge of operational Navy airborne EW systems; experience with military RDT&E organizations. Knowledge of the use of intelligence publications.

File applications for the above with Terry George, Bldg. 34, Rm. 208, Ph. 3118. Electronics Technician, GS-656-9/10/11, PD Nos. 7924138N, 7926139N and 7926140N, Code 2431 — Position is located in the Guidance Branch, Product Design Division, Engineering Department. Incumbent will perform circuit layout, construction and test plus instrumentation and test fixture design and/or test program development (computer programming) work depending upon his/her position on the branch technician career ladder. Job Relevant Criteria: GS-9 Ability to layout, fabricate and troubleshoot miniaturized electronic equipment; knowledge of algebra.

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### DIVINE SERVICES

PROTESTANT 1000  
Sunday Worship Service 0845  
Sunday School—All Ages  
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.  
Communion Service first Sunday of the Month.

ECUMENICAL 1130  
Wednesday Noon Bible Study 0630  
Thursday Men's Prayer Breakfast

ROMAN CATHOLIC MASS 1700  
Sundays 0830-1130  
Sundays 0815-1245  
Nursery, Chapel Annex 1  
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS 1115 to 1130  
Saturday 1615 to 1645  
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES 1000  
Sunday Pre-school thru 11th grade

Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday afternoon 12th grade 1630  
As announced "In Home" Discussion Groups and Youth Rallies  
Contact Chaplain's Office for specifics.

JEWISH SERVICES EASTWING—ALL FAITH CHAPEL Sabbath Services every Friday 1930  
UNITARIANS CHAPEL ANNEX 95  
Sundays Services—(Sept-May) 1930

### Soccer clinics for youngsters, adults to begin tomorrow

Soccer clinics for youths in grades 1-6 and for adults interested in helping coach or officiate in the fall will be held tomorrow, beginning at 9 a.m., at Davidove Field. The clinics will be repeated on Saturday, Aug. 11, 18 and 25.

Adults who wish to help with youth soccer will be able to learn about coaching or officiating by watching players of the China Lake Soccer Club and experienced youth coaches conduct practice sessions for experienced youth players and youngsters who want to learn the sport.

The adults will gradually help teach proper techniques and referee the scrimmage sessions which will conclude each workout.

In addition, registration for tryouts for the Youth Soccer League fall season have been tentatively scheduled at Davidove Field on Wednesday and Thursday, Sept. 5 and 6. A second session will be held on Saturday, Sept. 8.

All youths desiring to play in this league must attend one of the tryout sessions. In addition, they must complete the registration form to be signed by parent or legal guardian, pay membership dues, soccer fee and shirt cost, and complete a series of skill tests to measure ball control, speed, power, and accuracy. The results are used only to ensure evenly balanced teams.

Players who fail to complete any of the above steps risk being assigned to a waiting list. When team rosters reach 16 players, no one else will be added to that team.

The schedule for Youth Soccer League signups are grades 5 and 6, Wednesday, Sept. 5, 6 p.m., and Saturday, Sept. 8, 10 a.m.; graders 3 and 4, Wednesday, Sept. 5 p.m. and Saturday, Sept. 8, 9 a.m.; and grades 1 and 2, Thursday, Sept. 6, 5 p.m. and Saturday, Sept. 8, 5 p.m.

Only members of the Youth Center are eligible to participate in the Youth Soccer League program next fall. Registration for the soccer program is being handled at the Community Center, where Youth Center membership fees also may be paid.

Additional information can be obtained by calling Bernadette McGraw at NWC Ext. 2010.

### Homestead wins...

(Continued from Page 6)

This cleared the way for tourney title clash. During this game, the Homestead was trailing 5-2 but put together a 3-run rally that tied the score at 5-5 in the bottom of the fourth inning.

One run each in the fifth and sixth innings by the Homesteaders provided them with the final 7-6 margin of victory, since the LaMancha Dons were shut out in the fourth, fifth and sixth innings and had to settle for a single run in the top of the seventh.

Leading hitters for the Homestead in the championship game were Bell, 2 for 3 (a home run and a single); Randy Klassen, 2 for 3 (a triple and a double); and Al Chizee, who had one hit (a home run) in three times at bat.

### Night motocross races planned at fairgrounds

Night motocross races will be held at the Desert Empire Fairgrounds in Ridgecrest on Saturday, Aug. 18, sponsored by the Ridgecrest Cycle Park Committee and the Sandblasters Club.

The gates of the fairgrounds will open for signups at 4:30 p.m., with a practice session to be held from 6 to 7 o'clock. The races will start at 7 p.m.

There will be a \$10 entry fee for 80 cc's through 250 cc, open, over-the-hill, old-timers, and powder puff divisions, while the entry fee for mini-mini's will be \$5. Trophies will be awarded to the winners.

The admissions charge for adults will be \$2. Children under 12 years of age will be admitted for \$1.

## employee in the spotlight

She advanced from sales checker to administrative assistant thru self-determination...

Jacque Clawson

By Ernest R. Sutton

When Jacque Clawson, an employee in the Fuze and Sensors Department, came to Ridgecrest in 1953 with her husband, Nolan, she was unaware that a whole passel of relatives would follow her footsteps to the desert.

"I already had a brother, Wendell Martin, who was running a trucking firm living here then," Jacque recalled, "but he wasn't the reason why we came here. My husband had found a better job with an automobile company in Trona. We were glad to leave the crowds and smog of Houston, Tex., behind us."

Jacque started working as a grocery checker at the K & R Market shortly after their arrival. Then in 1962 she took a position as a GS-3 grocery checker at the Commissary Store. At the time, both military and civilian employees of the Naval Weapons Center could shop in the store because of the lack of shopping facilities in town.

### The Air in Ridgecrest Was Clean

"When I came to Ridgecrest, Balsam Street, which is now considered the main street of the town, was just an alley," she said. "There have been a lot of changes, most of them good. I am perhaps one of the few people who have liked Ridgecrest from the very first day I arrived. As I remember the wind was blowing up a gale but the air was clean and clear. You could see to the Sierras."

Mrs. Clawson's career in Civil Service at China Lake has been very eventful. When she started out, it was long before the days of Upward Mobility for women; consequently, she took advantage of the opportunities as they came up.

### Hired as Trainee in Accounting

One of these opportunities was an opening for an accounting technician in 1964 in Code 176, the forerunner of Code 08 (Office of Finance and Management).

With the help of a friend in the department, she was hired on as a trainee. Through on the job training Jacque advanced to a supervisory position in the department in 1973. She later took accounting classes at Cerro Coso Community College. This gave her the background to apply for an administrative assistant position in the Fuze and Sensors Department in 1976.

"When I applied for the position, I really didn't believe that I would qualify but there wasn't any harm in trying," Jacque said. "When I went for my interview, I was surprised to find that I met the qualifications better than I expected."

As an administrative assistant, Mrs. Clawson is responsible for



the budget and fund management of the division; and works with personnel to update position descriptions of scientists, engineers and others in the department, and handles the filling of vacancies that occur through transfers and retirements.

### Likes Ceramics, Water Skiing, Sewing

During the past 17 years she has been an active member of the Desert Ceramics Club, and she makes small items for gifts and decorative purposes. She and her husband own a 17 ft. outboard motor boat that they use for skiing and fishing at Lake Isabella. In addition to these activities, she finds time for sewing and makes most of her own clothing.

"Although I have taken some tailoring courses, my sewing ability was mostly self-taught. When I need to relax, I start sewing and the tension just flows away," Jacque said.

Just last year Mrs. Clawson became an active bowler in the Comarco His and Hers League. Her team this summer is the Swamp Rats. She started out with a 112 average in September 1978 and reports that she has improved this to a 138.

### Relatives Follow Her to Ridgecrest

About five years after Jacque arrived in Ridgecrest, her sister, Jean decided to move here from Oregon. Jean's husband, Luther Vines, went to work in the Public Works Department. He later retired from Civil Service. Jean continues to work in the Las Flores School cafeteria.

"I also have two nieces and a nephew living here with their families," Mrs. Clawson said.

Besides these relatives, Jacque and her husband, Nolan (he now works in the NWC Public Works Department) have two children who grew up in Ridgecrest, were graduated from Burroughs High School, and are still living here. Their daughter, Kathy, who is 26, is married and is the mother of two children, Jamie, 5, and Chris, 8. Son, Steve, who is 30, is single and works for Kerr-McGee in Trona.

Jacque says that she still has a few relatives living back in Hatfield, Ark., where she was graduated from high school in June 1948, but claims she has enough family in Ridgecrest for a large family gathering.

Mrs. Clawson believes that she has come a long way from sales checker to administrative assistant. "But, I hope to keep on working for many more years. I still have plenty of room for advancement," she said.

### IWV Pony Leaguers eliminated in tourney at Quartz Hill...

(Continued from Page 6)

Vigneault, who was on base as the result of a walk and Agnon, who had just picked up his fourth RBI of the game, tallied on a hit by Brandt.

After six full innings of play, the IWV team was breezing along with an 8-3 lead when the bottom fell out for the locals, who allowed the Lancaster Red squad to score seven unanswered runs and win the game by a final score of 10-8.

### Lancaster Comes From Behind

Browning singled to start the top of the sixth for the Lancaster team and Sean Rydell, the next batter, was safe on a fielder's choice play. Vigneault, the pitcher for IWV, made an unsuccessful try to pick off Browning at second base and both base runners advanced to third and second.

Craig Basham, the next batter for the Lancaster team, was safe on a throwing error to third base that permitted both Browning and Rydell to cross home plate for the Lancaster team.

Before the sixth inning ended, a dropped third strike led to a wild throw over the head of the IWV first baseman. This not only permitted Joe Roberts, the batter, to round the bases and score, but Basham tallied ahead of him as the Lancaster team reduced the IWV Pony Leaguers' lead to 8-7.

The local team's misfortune continued in the seventh and final inning when Lancaster tallied three more times to win by a final score of 10-8.

Leading hitters for the IWV Pony Leaguers were Agnon, who was 3 for 3, and Brandt, who was 2 for 4.

### Promotional Opportunities...

(Continued from Page 2)

Assistant Golf Course Superintendent, UA-1601-07, 513.014 PA, PD No. 7555114 — Permanent full-time, promotion potential to UA-09. Closing date 9-14-79. This is not a Civil Service position. This position is located at the China Lake Golf Course, Recreation Branch, Special Services Division. The primary purpose of this position is to assist the golf course superintendent in providing a comprehensive maintenance program. This includes improving and maintaining turf and playing conditions of the course, driving range, chipping and putting greens. Also included is operating, maintaining and prolonging the life of golf course equipment. Qualifications: Incumbent must have the equivalent of an undergraduate degree in agronomy or parks and grounds maintenance, plus one year of specialized experience, or equivalent experience which has demonstrated skills, abilities and knowledge in: developing improvement and maintenance plans; preparation of budgets; supervising employees; golf course construction and irrigation systems; proper agronomic practices to improve and maintain turf; setting up equipment maintenance plans; and knowledge of golfers' needs and interests.

Recreation Specialist, UA-0188-05, PD No. 7955107, Code 0891 — Community Center, Permanent full-time, Promotion potential to UA-07. This is not a Civil Service position. Incumbent Assists Community Services Director in all duties, has specific cognizance over youth activities coordinating facilities, personnel and special trips and activities; prepares written reports, budgets and equipment requests. Qualifications: Four year course in an accredited college or university with major study appropriate to the field of recreation or three years of experience which demonstrated: (1) an understanding of the goals, principles, methods and techniques of recreation; and (2) an understanding of the interests and motivations of individuals and groups. This is a merit promotion position for current Code 089 NAF Employees only.

File applications for the above position with Cheryl Hartley, Bldg. 21, Ph. 3287.

Supervisory Aerospace Engineer, GS-861-14, PD No. 7946042E, Code 6401 — This position is that of associate head, Parachute Systems Department. The incumbent works with the department head in developing new proposals for conducting aerodynamic decelerator research, development, test, and evaluation; plays major role in planning and implementation of the department's fiscal program; conducts program planning; functions as deputy in department administration and management. GS-14 contingent upon high grade classification. Job Relevant Criteria: Ability to manage and supervise a complex RDT&E organization; ability to perform comprehensive technical program planning; experience in the RDT&E of aerodynamic decelerator systems; ability to effectively deal with senior personnel from NWC, the systems commands, and contractor offices.

Supervisory Aerospace Engineer, GS-861-12/13, PD No. 7946042E, Code 642 — This position is located in Parachute Systems Department and is the head, Test Engineering Division. The division is responsible for the conduct of a variety of engineering flight tests and technical evaluations involving standard and unique developmental escape weapons stabilization and retardation systems. Job Relevant Criteria: Knowledge of parachute testing requirements; knowledge of test vehicle design criteria; ability to supervise; ability to conduct technical range tests.

File applications for the above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577.

File applications for the above position with Cheryl Hartley, Bldg. 21, Ph. 3287.

**The Rocketeer**  
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Phones 3354, 3355



## Plans made for Robinson Memorial Golf Tournament

Registration is now being taken for the third annual Frank Robinson Memorial Golf Tournament, a partner's best ball event, which will be held on Saturday, March 18, at the China Lake golf course.

This event, sponsored by the Indian Wells Valley Century Football Association, is planned to raise funds for a scholarship that is to be awarded to some Burroughs High athlete in memory of Robinson who, prior to his death in 1967, had been a longtime supporter of youth athletic programs in the local area.

The entry fee of \$30 per player covers both the cost of 18 holes of golf and an awards banquet that will be held following the tournament.

Golfers will be placed in one of two flights based on their established SCGA handicaps. There also will be a "Peoria" flight for those without handicaps.

Registration forms, which should be completed and turned in with entry fees no later than Aug. 15, can be obtained at the golf course clubhouse, or from Denny Kline, NWC Program Coordinator, in the lobby of the Michelson Laboratory.

## Roller skating rink opened at local youth gym

The Youth Center at China Lake has opened a roller skating rink at the youth gym with skate shoes available in sizes 1 to 12.

Youth Center members, or those with Athletic Association cards, will be charged 50 cents to rent skates for each 1 hr. and 20 min. session. Non-members will be charged a \$1 admission fee in addition to the 50 cent skate rental charge.

The youth gym is open for roller skating Monday through Friday beginning at 10 a.m., and on Saturday and Sunday, starting at 1 p.m. The skating rink will be reserved from 11:30 to 12:30 p.m. every week day for adult skating. The other skating sessions are open to all.

The starting times for the 1 hour 20 min. sessions Monday through Friday are 10 a.m., 11:30 a.m., 1 p.m., 2:30 p.m., 4 p.m., 5:30 p.m. and 7 p.m. Starting times on Saturday and Sundays are 1 p.m., 2:30 p.m. and 4 p.m.

Skating lessons will be available at the rink on Aug. 6, 7, 8, 13, 14 and 15, from 8 to 9 p.m., at a cost of \$6. The instructor is Jim Mortenson.

## Entries sought for fast pitch softball league

Softball players interested in entering a team in the fall-winter season fast pitch league are urged to begin lining up other players in preparation for the start of league play during the week of Sept. 3.

While the entry deadline for submitting team rosters to the NWC gym office is Aug. 22, athletic officials would like to know as soon as possible how many persons are interested so that an organizational meeting can be scheduled.

There is an entry fee of \$50 per team to cover the cost of field maintenance and the purchase of game balls. Practice equipment can be checked out at the Center gym.

Additional information can be obtained by calling Les Bazemore at 375-7423.

## Homestead team again wins slow pitch softball tourney

Battling its way back from the consolation bracket, the local Homestead team for the second year in a row emerged as the winner of the men's invitational slow pitch softball tourney held last Friday, Saturday and Sunday at China Lake.

The Homestead squad, tops in the American Division of the China Lake Intramural Softball League's slow pitch competition, was knocked into the losers' bracket of the double elimination tourney as

a result of a marathon 23-22 loss to the La Mancha Landscape Dons of Palm Springs on Saturday afternoon.

After that setback, however, the Homesteaders played and won five straight games (starting at 9 a.m. on Sunday) to claim the tourney title.

Teams that fell victim to the Homestead's 5-game victory streak, and the scores of each game, were Homestead 10, Amargo (of Boron) 5; Homestead 3, Robert's Ap-



**VISITORS CONTROL BALL** — Moving onto the attack, the fullback (No. 20) for the Edwards Air Force Base soccer team controls the ball during this bit of action in Sunday evening's game between the Airmen from Edwards and the China Lake Soccer Club. The China Lakers (light uniform) hustling back on defense are (l.-r.) halfback Gerhard Koennicke and forwards Larry Trovinger and Steve Lee. In the background at right is another of the fullbacks for the visiting team (No. 22). The Edwards AFB team won the game 4-3. — Photo by PH2 Tony Garcia

## China Lake Soccer Club drops season's final home game to Edwards AFB team 4-3

The China Lake Soccer Club, solidly ensconced in the cellar position of the High Desert Soccer League, lost its final home game of the season to the Edwards Air Force Airmen by a score of 4-3 last Sunday evening at Davidove Field.

After playing short-handed for two previous games, the China Lakers fielded a full, 11-man team against the Edwards AFB squad and looked like sure winners as they built up a 3-1 halftime lead.

A scoreless deadlock in the first half of play was broken by Steve Daubney, whose tally for Edwards gave the visitors a 1-0 lead.

The Airmen's lead was short-lived, however, for the China Lakers went on the attack as Gerhard Koennicke, midfielder, passed the ball to Karl Kauffman on the right side of the field, and the latter relayed it to Steve Lee.

Lee, who was just inside the 18-yd. box, nudged the ball to striker Larry Trovinger, and he tapped it past the Edwards goalie and into the back of the net.

With the score tied at 1-1, Kauffman floated a corner kick that was headed into

the net by Koennicke for a goal that gave the China Lakers a 2-1 lead.

Just before the half ended, Lee again slipped the ball to Trovinger, who controlled the ball across the front of the Edwards goal from left to right before turning sharply and firing a shot back inside the left goal post.

Early in the second half, Witt Wingham, of the China Lake team, barely missed scoring two more goals. At that point, Coach Kauffman made some changes in the team's playing positions in order to give his players an opportunity to see what they could do at other places on the field. This helped to turn the tide in favor of the visitors.

Tom Veatch, who made several sensational stops as goalkeeper for the China Lake team, took over Kauffman's right halfback spot. With Kauffman out of the game and Wingham playing as goalie in place of Veatch, a good measure of the China Lakers' offense was depleted.

Trailing 3-1, the Edwards AFB soccer players rallied and racked up three unanswered goals to win the game by a final score of 4-3.

## Pony League all stars lose in tournament play

Back-to-back defeats on Thursday and Friday nights of last week eliminated the Indian Wells Valley Pony League all stars from the post season tournament being held at Quartz Hill.

The locals, who had started their tourney competition with a 4-2 win over the Lancaster No. 2 (Blue) team on Sunday, July 22, blew an 8-3 lead in the final two innings of a game against the Lancaster No. 1 (Red) team on Thursday night of last week and consequently came out on the short end of a 10-8 final score.

Dropped into the consolation round of the double elimination tourney, the locals were then blasted by Sylmar last Friday night by a score of 19-1. This game was cut short to five innings because of the 12 run lead rule.

The local Pony Leaguers opened strong in their game against the Lancaster Red team

as they scored five runs in their first turn at bat.

Randy Aguan, centerfielder, came through with a bases loaded triple that accounted for three runs for the IWV Pony League team, and then tallied from third base on a hit by Fred Brandt.

Prior to Aguan's triple, Paul LaMarca started things off with a single and consecutive walks to Mike Kinney and Adam Embree loaded the bases. John Fry then drew a walk that forced in the game's first run.

The Lancaster squad, which had drawn the "visiting" team role had tallied twice in the first inning to make it a 5-2 ball game in favor of IWV after one full inning of play.

Nat Browning, lead off man for the Lancaster Red squad, drew a walk, stole second and scored on a single by Craig Basham. The latter advanced to third base

on a pass ball and scored on an error by IWV.

Aguan got another RBI in the second inning for the local Pony League squad. He singled in Embree, who got on first base as the result of a walk and advanced to second on a hit by Dave Vigneault.

Both teams were scoreless in the third and fourth innings, but the Lancaster Reds tallied an unearned run in the top of the fifth, when John Redman was safe on an error and Dave Clark laid down a bunt to move him to second. The ball was misplayed, however, and not only was Clark safe at first base, but Redman came all the way around to score.

While this cut the IWV team's lead to 6-3, the locals were able to offset this single tally by scoring twice in the bottom half of the fifth inning. Aguan singled to drive in

Ernie Bell, third baseman for the Homestead team, was singled out as the tourney's most valuable player, and received a trophy that was presented by Capt. William B. Haff, NWC Commander. Bell hit a game-winning home run in the Homestead's 3-2 win over Robert's Appliance, and also had circuit clouts to his credit in his team's final two wins over the LaMancha Dons.

Individual trophies were presented to all members of the Homestead and LaMancha Dons teams, and sponsors' trophies were awarded to the backers of the top three tourney teams.

Highlight of Tourney  
Among the highlights of the tourney competition, was the LaMancha Dons' 23-22 win over the Homestead. In this game, the Homesteaders got off to an 11-4 first inning lead, but the visitors from Palm Springs outscored their opponents 9-1 in the next two innings of play to take over the lead 13-12.

The game was tied 18-18 after five innings, but the LaMancha Dons tallied 5 times in the top half of the sixth and then held the Homesteaders to a single score in the sixth and 3 more runs in the seventh to win it 23-22.

Leading hitter for the Homestead in this exciting contest was Bell, who hammered out four doubles and a home run.

At 1:30 p.m. Sunday, the Homesteaders were in a "must win" situation as they tangled with the previously undefeated LaMancha Dons. In this game, the local team rolled up a 11-0 lead by scoring 8 runs in the second inning and 3 more in the third.

The LaMancha Dons began to get their hitting eye in the fourth inning, when they tallied 5 runs, but were limited to just 2 more runs in the sixth inning and lost the

(Continued on Page 7)

on a pass ball and scored on an error by IWV.

Aguan got another RBI in the second inning for the local Pony League squad. He singled in Embree, who got on first base as the result of a walk and advanced to second on a hit by Dave Vigneault.

Both teams were scoreless in the third and fourth innings, but the Lancaster Reds tallied an unearned run in the top of the fifth, when John Redman was safe on an error and Dave Clark laid down a bunt to move him to second. The ball was misplayed, however, and not only was Clark safe at first base, but Redman came all the way around to score.

While this cut the IWV team's lead to 6-3, the locals were able to offset this single tally by scoring twice in the bottom half of the fifth inning. Aguan singled to drive in

(Continued on Page 7)

## Current status of Navy range modernization efforts discussed

The Naval Weapons Center was the setting for a two-day meeting held last week by representatives of the Naval Air Systems Command's (NAVAIR) Major Range and Test Facility Base (MRTFB).

Purpose of the meeting was to analyze the progress that has been made in moving toward the goals of Project 21 — an ambitious plan announced in the spring of 1977 to modernize Navy air and ground ranges here and elsewhere throughout the nation in order to prepare installations (such as NWC) for performing test and evaluation of weapons between now and the start of the 21st century.

Six field activities, in addition to NWC, were represented at the meeting at which William R. Hattabaugh, head of the Center's Test and Evaluation Directorate, served as chairman.

The current status of range modernization efforts was discussed, and technical data was presented on progress that has been made. In addition, future plans were reviewed.

Each year since 1977, it was noted, funds needed for meeting the ultimate goals of Project 21 have been slightly reduced. Because of this, it is the intention of the group assembled here last week to go back up through the chain of command and report to the various headquarters involved, and ultimately to the Congress itself, on the need to stabilize the financial

support for the range modernization and improvement plan spelled out in Project 21.

Hattabaugh has been given this task and is supported by the technical directors of all of the major field activities involved in weapons test and evaluation work. The latter have designated key personnel to assist in this effort. Jerry Reed, Jerry Macy and Bruce Bonbright are the key representatives from NWC.

The end product is to be a report and briefing that will be included in the Program Objective Memorandum 82, the Fiscal Year 81 budget review, and the Department of Defense five year plan.

Among those in attendance at the meeting was Dr. James Means, who is assigned to the Target and Range Systems Division (AIR-630) of the Naval Air Systems Command. This division is responsible for the development of new test and evaluation instrumentation.

In addition to NWC, field activities represented at last week's meeting were:

The Pacific Missile Test Center, Pt. Mugu, Calif.; the Naval Air Test Center, Patuxent River, Md.; the Naval Air Propulsion Center, Trenton, N.J.; the Naval Weapons Evaluation Facility, Albuquerque, N.M.; the Atlantic Undersea Test and Evaluation Center, a part of the Naval Undersea Systems Command headquartered at West Palm Beach, Fla.; and the Atlantic Fleet Weapons Test Facility on the Island of Puerto Rico.

## Overall adequacy of military pay subject of study

A joint Military Services and Defense Department Study Group has been announced to examine the overall adequacy of military compensation and some selected special and incentive pays.

The timing of this study may be right for Navy people, according to Chief of Naval Operations Admiral Thomas B. Hayward. Pay is currently the number one issue troubling sailors he talks with in the Fleet.

The group will study the complex pay issue in two parts. The first will examine overall adequacy of military pay. The effects of the recently introduced legislation dealing with military retirement, and the changes brought about by the all volunteer force, and pay adjustment policies of the 1970s will receive special attention.

The study group will also look at special and incentive pays and how they affect those groups to which they are paid.

The results of the overall pay study are due early this fall, while the study of special and incentive pays will run until late this winter.

## Photographer hurt in forced landing home from hospital

Samuel E. Wyatt, the NWC photographer seriously hurt in a helicopter accident on Friday, July 20, is recovering from his injuries at his home in Ridgecrest.

Wyatt, a civilian assigned to the Applied Photography Branch of the Technical Information Department, was one of the more seriously injured in the forced landing that occurred while the helicopter was on an area familiarization flight for newly assigned members of the Naval Weapons Center's Parachute Systems Department.

After the accident he was flown to the Ridgecrest Community Hospital for treatment of internal injuries. He was sent home from the hospital on Saturday, July 28, and is reported to be slowly improving.

Wyatt is expected to be off work recuperating for at least a month.

The cause of the aircraft accident is still being investigated by the Navy.



**BEQ INSPECTOR** — MMCM Perry Denby, a member of the award committee from Washington, D. C., inspects an NWC Bachelor Enlisted Quarters (BEQ) room occupied by an enlisted woman at China Lake. The BEQ was checked by the Washington team last week as a part of the judging to determine the winner of this year's Admiral Zumwalt Award for BEQ Management. The final phase of the competition was completed here on Wednesday, July 25. While a final grade was not announced, members of the inspection team were reported to be impressed with the cheerful attitude of BEQ residents, and also were pleased with the cleanliness of the rooms and lounges. The automatic locking doors in the lounges, color TVs in each lounge, and refrigerators in each room were some of the other things that were the subject of favorable comments by the inspection team.

## All hands urged to help reduce NWC auto accident rate

The need for extra effort to insure traffic safety on the Naval Weapons Center was discussed at Monday morning's Commander's meeting by Capt. William B. Haff, NWC Commander.

Capt. Haff called attention to the number of vehicle accidents which have occurred on the Center. He stated "this year through the end of June there have been 67 non-injury accidents and 12 accidents in which 14 persons were injured."

He went on to say that the vehicle accident rate this year appeared to be much lower than last year until May and June.

"Twenty accidents occurred in May. In six of these accidents, seven persons were injured. In June, there were 18 more vehicle accidents. In three of these, four persons were injured," Capt. Haff said.

The Commander asked everyone on the center to make an extra effort to reduce the number of traffic accidents. He underlined the effort he felt should be made by urging all personnel to discuss traffic safety problems with their dependents in order to keep interest in traffic safety at a high level.

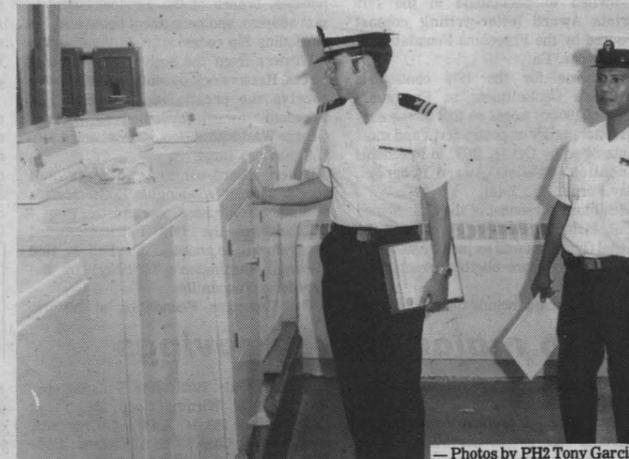
Quoting from a recent message, Capt. Haff said, "Drivers, not fate, cause accidents. Occasional lapses in judgment, attention, courtesy and self control are the heaviest contributors to the traffic accident toll. . . Driving demands your best every minute you're behind the wheel."

The Center Commander went on to ask all those present at the Monday morning meeting to see what they could do to help reduce the rise in traffic accidents, and stated that he planned to check the vehicle accident record from time to time "to see what we've accomplished."

Capt. Haff concluded his comments on this subject by expressing the hope that "our continuing effort will be reflected by a reduction in vehicle accidents for the balance of this year, and in the years to come."

## USN Memorial Foundation

The United States Navy Memorial Foundation has requested Navy assistance in raising approximately \$5 million to construct a Navy memorial in Washington, D.C. The facility will be built in the form of an amphitheater or band concert shell.



**LAUNDRY ROOM INSPECTED** — Two members of the Admiral Zumwalt Award Committee for BEQ Management from Washington, D.C., inspect the laundry room of the Transient Barracks, Building 880, last week. Lt. Chess E. Moore (left) and MSCM Virgil Desagun were part of a team of inspectors led by Capt. Jack Miller (not pictured). The bachelor Enlisted Quarters (BEQ) at China Lake is one of three BEQs in contention for the Admiral Zumwalt Award for small BEQ operations. The other two are barracks at the Naval Coastal Systems Center, Panama City, Fla., and the Naval Support Activity, New Orleans, La.

## Coso Hot Springs agreement signed. . .

(Continued from Page 1)  
Pine, Independence, Big Pine and Bishop, Calif.

The committee was established specifically to meet with the Naval Weapons Center on matters of mutual interest, such as protection of the Coso Hot Springs and the Navy's planned geothermal development program.

Basically, the agreement provides for eight scheduled overnight visits a year by the local native Americans. During their visits, the square mile of the National Register of Historic Places site will be reserved for exclusive use by the Owens Valley Indians.

Safety considerations, with respect to the boiling water and mud, and unstable ground in the hot springs area, are also built into the agreement between the Navy and the Owens Valley Indians.

It is expected that use of the area by the Paiute-Shoshone will be principally during the late winter and spring months because the surface flow at the hot springs dries up

during the summer and reappears after winter rains and snow recharge the shallow aquifer.

Historically, the hot springs were developed into a small health spa around the beginning of the century. The remains of the old resort, the hot springs and steam wells were purchased by the Navy in the 1940s when the Naval Ordnance Test Station, now known as the Naval Weapons Center, was established. The site of the hot springs and the old spa was listed on the National Register of Historic Places in 1977.

Cooperative development of the access agreement by Naval Weapons Center representatives and the Indians' Coso ad hoc committee also addresses the recent "Native American Religious Freedom Act" (PL 95-341) which mandates the evaluation of existing laws and regulations that may impinge on the free practice of traditional Indian rites.

Members of Coso ad hoc committee are: Ms. Naylor, chairperson; and Phyllis Hunter, Ruth Brown, Hazel McLean and Petti Wermuth.

## Dr. Bednar receives TD Award...

(Continued from Page 1)

Bednar are further refined, their application to understand RF guided weapon performance in clutter environment will become even more productive," Col. Boykin concluded.

In recommending Dr. Bednar for the NWC Technical Director Award, Porter (his department head) observed that the technique developed for evaluating and analyzing various waveforms used in RF seekers was used successfully to evaluate the waveforms of the five competing contractors' seekers.

"This formidable task involved several iterations as various designs were modified right up until the time that formal proposals were submitted by the contractors," Porter wrote.

Dr. Bednar, it was noted, was able to build on the analytical groundwork established under the Triservice Fast Acquisition Search and Track (TRI-FAST) program to derive the complicated mathematical expressions describing the waveform, ambiguity function and clutter models used by the contractors in their efforts to suppress adverse effects on seeker performance in clutter backgrounds.

In addition, Dr. Bednar directed the development of computer programs designed to solve the mathematical expressions appropriate to each contractor's design. "As a result of these efforts," Porter wrote, "the Naval Weapons Center now has the unique capability of quantitatively analyzing and comparing various waveform techniques. Future uses of this method could include the derivation of optimal waveforms for clutter rejection, as well as further contractor evaluation for other programs, such as the Advanced Intercept Air-to-Air Missile."

The latest recipient of the NWC Technical Director Award first came to work here as a summer employee in 1966. Assigned to the Engineering Department, he was involved in range tests of the Sidewinder missile guidance system.

At that time, he had just received his bachelor's degree in electronics engineering from the University of Nebraska at Lincoln, and returned to graduate school there in order to get his master's degree,

which he received in 1968.

Before becoming a full-time employee at NWC in 1971, Bednar received his Ph.D., specializing in control systems, at Michigan State University in East Lansing.

For the past eight years, Dr. Bednar has remained an employee in the same division, although its name has changed as has that of the departments in which he worked.

He began fulltime work here on the AGILE program and subsequently was involved in simulation and analysis of the performance of the Sidewinder AIM-9L missile and autopilot.

For the past two years, Dr. Bednar has concentrated his efforts on the AMRAAM program, but prior to that worked on flight simulations of the Advanced Long Range Air-to-Air Missile.

In regard to the effort for which he received the Technical Director's Award, Dr. Bednar was quick to point out the involvement of others in the small group that he headed. Mentioned were Bob Page and Donald Bowling, two employees in the Weapons Department's Radio Frequency Division, and Mel Creusere, the local AMRAAM program engineer.

Dr. Bednar will be leaving NWC on Aug. 20 in order to join the faculty of California State University in Chico, where he will be an associate professor of electrical engineering in the Electrical Engineering Department.

## Letter-writing contest open to all military personnel

All members of the U.S. Armed Forces are invited to participate in the 1979 Patriots Award letter-writing contest sponsored by the Freedoms Foundation at Valley Forge, Pa.

The theme for the 1979 contest is "America's Commitment to Freedom." Entries of 100-500 words on this theme may be in letter, essay or poetry form and must be submitted by Oct. 1, 1979, to Freedoms Foundation, Patriots Award Program, Valley Forge, Pa., 19481.

All military personnel of the U.S. Armed Forces, including Reserve Forces and the National Guard, as well as junior and senior ROTC members, are eligible to enter the contest.

Each entry must include the sender's full



— Photo by PH2 Tony Garcia

**SAFETY AWARDS PRESENTED** — Capt. William B. Haff (at right), NWC Commander, presents safety awards denoting an accumulative total of 3 million man-hours worked without a disabling injury. The recipients were (l.-r.) Frank Knemeyer, head of the Weapons Planning Group (Code 12); Paul Cordle, associate head of the Ordnance Systems Department (Code 32); and Gerald R. Schiefer, head of the Electronic Warfare Department (Code 35). The last disabling injury in Code 12 occurred on Feb. 24, 1964. Since that time, the Weapons Planning Group has compiled 2 million man-hours of work without a lost-time accident. On behalf of their departments, Cordle, who was standing in for Carl Schaniel, and Schiefer, each were the recipients of 500,000 man-hour safety awards. More than 50 percent of Ordnance Systems Department personnel work with hazardous materials, or are involved in industrial type work generally associated with high accident rates. Much of the effort of the Electronic Warfare Department involves high voltage electrical circuits and the use of equipment that generates microwave radiation. This work also has a high potential for possible serious injuries.

name, rank, serial or Social Security number, branch of the service, complete unit address, and permanent home address (including Zip codes).

Winners from the active duty military forces, Reserve components and ROTC will receive the prestigious "Defender of Freedom" award, including an encased George Washington Honor Medal and a \$100 U.S. Savings Bond.

Other award-winning entrants will receive George Washington Honor Medals or Valley Forge honor certificates.

Results of the 1979 Patriots Award Program will be announced on Feb. 22, 1980 (George Washington's birthday) by the Freedoms Foundation.

The Freedoms Foundation at historic

Valley Forge, Pa., is dedicated to safeguarding and perpetuating the American concept of personal freedom which motivated General George Washington and his troops at that site 200 years ago.

Since 1949, this nonprofit, nonpolitical and nonsectarian organization has annually recognized individual citizens, military members, schools and organizations for constructive words and actions supporting American principles, contributing to good citizenship and offering solutions to contemporary national problems.

## Nine first class petty officers to be advanced to chief

Nine Navy first class petty officers assigned to activities at China Lake have been chosen by a Chief Petty Officers' Selection Board for advancement as a result of successfully passing Navy-wide examinations given this past January.

Petty officers serving the Naval Weapons Center who will be advanced to chief are MS1 Jesus S. Diwa and MS1 Mario N. Estrada of Code 25; and AE1 Barry R. Hileman, AT1 John P. Kasimatis and ADH1 John T. Price, all of the Aircraft Department.

HM1 Timothy D. Jung was the lone selectee from the Naval Regional Medical Branch Clinic at China Lake.

Air Test and Evaluation Squadron Five had three men selected for chief petty officer. They are AMH1 Ronald E. Ames of Maintenance Control, AD1 Lawrence Connor of the Quality Assurance Shop, and AMS1 Bruce M. Morris of the Airframes Shop.

MS1 Estrada and AT1 Kasimatis were selected as the NWC Bluejacket of the Month last January and February, respectively, while AE1 Hileman and HM1 Jung were Bluejackets of the Month in 1978. HM1 Jung was also named the NWC Bluejacket of the Year for 1978.

## Scholarships available for enlisted personnel

Enlisted personnel seeking commissions should look into Naval Reserve Officer Training Corps (NROTC) scholarship programs. The scholarships cover tuition, books, fees, and uniforms, and provide a \$100 per month subsistence allowance.

Education in one of this nation's leading colleges can lead to a commission and a career as a naval officer.

## Capt. Kinley to leave NWC...

(Continued from Page 1)

society's office. She has accumulated more than 500 hours as a volunteer.

She also served as a board member and director of the Women's Auxiliary of the Commissioned Officers Mess (WACOM), and volunteered at the WACOM Thrift Shop.

Her volunteer work also included serving as a waitress at the monthly luncheons held to raise money for the Maturango Museum building fund.

**Trained as Librarian**

A librarian by training, Mrs. Kinley was also the head librarian at Burroughs High School. She is credited with restoring the library after it had suffered heavy damage in a fire.

The Kinleys' three children were also active during their stay at China Lake. Guy, 16, has been on the China Lake Soccer Club team. Paul, 15, was a member of the Burroughs High School freshman baseball team. The two boys are also avid tennis players and were on the high school tennis team. The Kinleys' daughter, Kara, 11, has performed in several ballet recitals in the China Lake area and is an accomplished swimmer.

Capt. Kinley's mother, Marie Antoinette Kinley, who is a resident of Ridgecrest, will be accompanying her son and family to his new assignment in Virginia.

**Commissioned in 1957**

Capt. Aldana, a native of Idaho Falls, Idaho, attended the University of Idaho, where he earned a bachelor of science degree in aeronautical engineering. He then enrolled at the University of Colorado under the Naval Reserve Officer Training Corps program and was commissioned an ensign on his graduation in June 1957 with a B.A. degree in marketing.

Capt. Aldana served as main propulsion assistant and then engineering officer on the destroyer escort USS Sproston from June 1957 to June 1960, before becoming the executive officer of the ocean minesweeper USS Esteem in August 1960.

In June 1962 he reported to the Naval Postgraduate School in Monterey, Calif., as a student, then continued his graduate training at San Diego State University and the University of Southern California in Los Angeles, to obtain a master's degree in systems management.

Capt. Aldana's next assignment was as the Joint Harbor Defense Military Mission Advisor for Aid to Turkey, a position he held from July 1963 to May 1966. He then became commanding officer of the ocean minesweeper USS Bold from June 1966 to

## Maj. Bland assumes duties of USMC Air Weapons Systems Officer at China Lake

Duties of Air Weapons Systems Officer for the Marine Corps Liaison Office at the Naval Weapons Center are now being handled by Maj. John P. Bland, who reported here recently following a year-long tour of duty with Marine Attack Squadron 311, based at Iwakuni, Japan.

Maj. Bland, who was the assistant operations officer and landing signal officer with VMA 311, has replaced Maj. Bill Egen, who left China Lake to attend the Air War College at Maxwell Air Force Base in

July 1968, and was the chief staff officer for Mine Squadron Eight until December 1970.

From February 1971 to February 1972, Capt. Aldana was the Force Structures Plans Officer for the Commander, U.S. Military Assistance Command in Vietnam. He then became the executive officer of the amphibious transport dock ship USS Dubuque from April 1972 to August 1973.

His next assignment (from September 1973 to June 1975) was that of Commanding Officer of the dock landing ship USS Anchorage. Capt. Aldana then served in the Fleet Maintenance and Modernization Office of the Chief, of Naval Operations, Washington D.C., until reporting to his present assignment with the Naval Sea Systems Command in July 1977.

Capt. Aldana's decorations include the Bronze Star Medal, Joint Service Commendation Medal, Navy Commendation Medal with Gold Star in lieu of second award, and the Navy Achievement Medal. He also holds various campaign ribbons for service in Vietnam, including a Navy Unit Citation received by the USS Anchorage while he was commanding officer of that ship.

He is married to the former Francis Merkel of Wayne, Ohio, and he and his wife have two children, Tye Louis, 16, and Christen Carmen, 12.

## Retirees to receive 6.9% cost-of-living increase in annuity

The Civil Service Commission has announced that a cost-of-living (COL) increase in annuities of 6.9 percent will become effective on Sept. 1, 1979. This increase will be reflected on Oct. 1, 1979, annuity checks.

For employees who retire on or before Aug. 31, 1979, a comparison will be made between (a) the amount of earned annuity through the date of retirement plus the 6.9 percent increase effective on Sept. 1 and (b) the annuity based on the length of service and high-three average pay through Feb. 28, 1979, plus the 3.9 percent COL effective last March and the upcoming 6.9 percent COL increase.

The annuity will automatically become the higher amount of this comparison.

Additional information can be obtained by calling Nancy Cleland at NWC Ext. 2018 or 2592.

Following officer training at the Marine Corps Base, Quantico, Va., he was graduated as a second lieutenant in April 1968 and was sent to Reese Air Force Base in Lubbock, Tex., for flight training.

He qualified to fly the Air Force's T-37 and T-38 aircraft and received his pilot's wings in October 1969. For the past 10 years, he has flown mostly A-4s from Marine Corps bases at Yuma, Ariz., and El Toro, Calif.

In addition, Maj. Bland was the squadron safety officer and flew 103 missions while assigned to Marine Attack Squadron 211, based at Bien Hoa in South Vietnam from May through August 1972.

His service as a Marine Corps aviator also has included duty as a flight instructor at the Naval Air Station, Kingsville, Tex., as an attack training instructor at MCAS El Toro.

Maj. Bland was accompanied to China Lake by his wife, Gay, and their two children — a daughter, Jane, who is 9 years old, and a son, Jonathan, who is 5 years of age.



Maj. John P. Bland, USMC

## 'Little things' add up to major energy savings

"You have all been concerned because you don't think you have been able to do anything big, but all the little things that you have been doing really add up to major energy savings," Dr. Clifton Stine told the NWC Department Energy Representatives at a meeting this week.

As an example, Dr. Stine, the Center's Energy Conservation Officer, noted that with the same number of hot days and even more electronic equipment that requires special environment than the Center had a year ago, the peak kilowatt demand for June 1979 was down 5.65 percent from June 1978, and a total of 316,000 kilowatt hours of electricity were saved during the month. The NWC electric bill, consequently, was \$13,714 less than it would have been.

The Department Energy Representatives have been meeting for three years to coordinate plans for energy saving measures and to brainstorm new measures that can be instituted. The representatives have a practical knowledge of measures that can be instituted because they are familiar with all the various work areas on the Center. They provide a direct communication channel between the departments and the Energy Program Office.

Meetings are held on an "as needed" basis rather than being scheduled on a regular basis. Measures discussed have ranged from alterations to facilities to equipment purchases to work hours. Special Center-wide studies have been undertaken by these representatives on replacing equipment with more energy-efficient equipment and other conservation measures. Suggestions made by the department representatives that would involve Command decisions are examined

for feasibility and relayed to appropriate channels.

Anyone having a problem or suggestion concerning energy conservation should contact the Department Energy Representative first because these individuals have an intimate familiarity with the areas and facilities of each department. They can serve their department personnel better and more efficiently when they are made aware of problems and concerns.

Department representatives are as follows: Code 012, Ken Pritchard; Code 089, Alma Cowan; Code 08001, Cy Ebersberger; Code 094, Nick Curran; Code 1202, Charles



**CONFERRING** — Dr. Clifton Stine (upper left) from the Energy Program Office conducts a meeting of the NWC Department Energy Representatives. Department representatives meet to interchange information about energy-saving measures, to make suggestions about ways to reduce the Center's energy load, and to provide a direct communication channel between personnel working in all areas of the Center and the Energy Program Office.

— Photo by Ron Allen



**NEW TEACHING TOOL** — Donald E. Ruff (left), coordinator for the Soviet Ship Vulnerability Program in the Weapons Planning Group, wins a weapon system, while Earl Towson, head of Code 12's R&D Planning Program, takes his turn with the dice. Looking on at right is Mickey Strang, a writer in the Technical Information Department's Writing Branch. "McNamara's Revenge" is a game devised by Linda Roush, an operations research analyst in Code 12, to train project managers in the defense acquisition process.

— Photo by Ron Allen

## Game to train project managers in defense acquisition process devised

Linda Roush, an operations research analyst in the Naval Weapons Center's Weapons Planning Group (Code 12), on her own time is devising a method of training project managers in the Defense Research and Development, Technology and Evaluation Process.

Mrs. Roush came up with the idea of converting the defense acquisition process into a game similar to monopoly to make it fun to learn instead of the dull, tedious method using an instruction book.

Through several lunchtime and after hours sessions with Center project managers playing the game and offering constructive criticism to improve it, Mrs. Roush's idea is evolving into what one day may be used by the Training Center here as a teaching tool.

The game doesn't have a Park Place or a Mediterranean Hotel, instead there are ships, aircraft and miscellaneous weapons systems. Chance cards illustrate the impact of informal and formal relationships upon the project's success or failure, such as: "Old School Buddy Appointed to Congressional Subcommittee, Receive \$1 million" and "Major Recession, Pay Banker \$5 Million."

As in any real-life situation, the element of luck or being in the right place at the

## Aluminum cans now being purchased at recycling center

Money can now be earned by those who wish to collect aluminum cans and turn them in at the community recycling center, located just east of the intersection of S. Richmond Rd. and Santee St. on the Naval Weapons Center.

According to the Employee Services Board, Van Huett, the recycling center contractor, will pay 25 cents per pound for aluminum cans brought to the recycling center on Saturdays between the hours of 8 a.m. and 12 noon.

For ease of handling, all aluminum cans brought to the recycling center should be crushed.

At the same time, the Employee Services board encourages residents of Indian Wells Valley to continue to use the recycling center as a place to deposit glass bottles and newspapers instead of having them hauled away as trash.

right time in a program is present. The roll of the dice is used to illustrate the luck involved.

Each revolution around the board represents a fiscal year and the first player to go through the complete acquisition cycle of research, exploratory development, advanced development, engineering, operational development, and delivery of his or her weapons system to the Fleet is the winner.

Mrs. Roush calls the game "McNamara's Revenge" and hopes that some day it will be used in training project managers at China Lake.

## Talk about home appliance repairs set at F.E.W. meeting

Information on repairing home appliances will be presented for the benefit of those who attend the next meeting of the Indian Wells Valley Chapter of Federally Employed Workers.

The meeting will be held next Thursday, Aug. 9, from 11:30 a.m. to 12:30 p.m. in the Sidewinder Room of the Community Center, and the speaker will be Yvonne Beyer, who is an instructor of electronics courses at Cerro Coso Community College.

Ms. Beyer, who learned about auto repairs and working on home appliances from her father and brother, later studied electronics at Cerro Coso Community College, and has worked for a local electronics manufacturing company and for Lockheed Electronics.

In addition, she attended courses in electronics and soldering offered by the Naval Weapons Center in order to become a qualified instructor. During the summer, she teaches soldering courses in private industry.

Those who attend the meeting, which is open to men and women, are urged to bring their lunch.

## Navy Exchange to hold 'Moonlight Sale' Aug. 17

The Navy Exchange (NEX) will hold a "Moonlight Sale" at the main retail store on Friday, Aug. 17, from 7 to 9 p.m.

Ltjg. Robert Boyd, NEX officer, reports that there will be super specials in every department of the store although quantities will be limited.

Sale items will include small appliances, cosmetics, housewares and some clothing.