

### Loma Linda offering health evaluation tests for residents

A health evaluation program will be offered Sunday, Jan. 20, by the Loma Linda Center for Health Promotion, located in Loma Linda, Calif.

The organization will provide three medical tests at the Ridgecrest Adventist Church, 555 W. Las Flores Avenue, Ridgecrest, that will be used to establish a health baseline from which a person can then make improvements.

The test program will feature a resting electrocardiogram and treadmill test, a blood test, and a pulmonary (lung) function test for a combined cost of \$89.

The tests can be taken separately at a cost of \$35 for the blood test, which will give information about 24 different blood parts including cholesterol, glucose, triglycerides, high density lipoprotein (HDL) cholesterol, and a coronary heart disease ratio; the electrocardiogram and treadmill test can be taken for \$60; and the pulmonary (lung) function exam for a separate cost of \$15.

The tests are open to anyone but preregistration is necessary and can be arranged by phoning (714) 824-4949.

### NEX holding sale on eyeglasses, other store items

The Navy Exchange is offering a 40 percent reduction in the price of eyeglass frames next week only in the optical shop.

Currently the food service operations are giving away a free 20 oz. soft drink with each purchase of a Big Bird submarine sandwich. Also, the breakfast specials at the snack bars are sausage 'n' biscuit, ham 'n' biscuit, and egg 'n' biscuit.

Next Thursday the NEX will be open until 6:30 p.m. for the convenience of NEX patrons.

The auto service is having an auto accessories and electronics sale beginning today and going until Jan. 20.

The United Parcel Service booth manned during the holidays will continue year-round for those who would like to send packages.

1985 fishing and hunting licenses are now available at the personal service counter. Also, photo glazing is still available.

### Hobby shop readies big markdown for next weekend

The Craft/Hobby Shop, located behind the Navy Relief Thrift Shop on S. Lauritsen Avenue, is having a sale Friday and Saturday, Jan. 18 and 19, from 9 a.m. to 8 p.m. on Friday and from 10 a.m. to 4 p.m. on Saturday.

All items in the hobby complex have been marked 20 percent off, except special order drinking cups.



**GOING UP** — The banner for Project Community Pride now flies at the Center's traffic circle to remind all potential volunteers of the need to sign up for this community effort. Volunteers should telephone Natalie Harrison, NWC ext. 3180, promptly.

### Community Pride cleanup asking for more volunteers

More volunteers are still being sought to take part in Project Community Pride, the annual clean-up day for parts of the Center and Ridgecrest on Saturday, Jan. 19.

Pre-registration for individuals and groups interested in working to clear away much of the debris left by the winds of summer and winter, continues this week.

Natalie Harrison at NWC ext. 3180 or Roger Ward at Ridgecrest City Hall, 375-1321, can take advance registration from groups or individuals that plan to participate.

This Fifth Annual Community Pride clean-up will begin at 8:30 a.m. at Schoeffel Field with final registration, distribution of trash bags and boarding buses for transportation to areas that need to be cleaned.

The buses will return to pick up the volunteers and bring them back to Schoeffel Field at about noon for a free lunch of hot dogs and soft drinks.

Anyone planning to take part should wear long pants, sturdy shoes and gardening gloves if possible. Some gloves will be available for volunteers that morning.

Each year numerous truck loads of trash are picked up, placed in litter bags then hauled to the Kern County dump near Ridgecrest.

The advance registration requested allows planners to estimate the number of volunteers available and where to put them to use.

### STC chapter sets luncheon type talk at Jan. 21 session

Anyone interested in type and how to decide type size, leading, type style, and measure is invited to attend a lunch meeting of the Sierra Panamint Chapter of the Society for Technical Communication on Monday, Jan. 21, at the Commissioned Officers' Mess.

Speaker for the event is Stephanie Fojt, a Visual Information Assistant in the Composition and Layout Branch of the Publishing Division in the Technical Information Department.

Menu choices for the luncheon are a chef's salad for \$3.25; the hot special, \$3.50; or the soup and sandwich special, \$2.95.

Reservations are required and must be made by telephoning Emily Boguchwal by noon on Friday, Jan. 18. Mrs. Boguchwal's work phone is NWC ext. 3749, and her home phone is 375-7257.

### Weekend of fun for sightseers around old west

Military personnel or DoD employees looking for something to do this weekend may find sightseeing around the southland a worthwhile activity.

Weekend adventurers can travel to Barstow and visit the authentic ghost town of Calico, a lively little place at the turn of the century noted for the amount of gold and silver mined from the mountains behind it.

The ghost town is near the intersection of Highway 58 and Interstate 15 and features gift shops located in many of the original buildings, a museum, and a train ride showing some of the high points of a western mining town.

U.S. Government Printing Office  
1984 No. 1027

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

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

PLACE STAMP HERE

### Happenings around NWC

The Military Officers' Wives Club (MOWC) will hold its annual Creative Auction, Friday, January 25, in the Commissioned Officers' Mess.

The affair will begin at 4:30 p.m. with a social hour concluding at 6:30. An all-you-can-eat taco buffet dinner will be served from 6 to 7:30 p.m. at which point the auction will begin with auctioneers Needles Neidlinger and Lenny Fox leading the bidding.

The cost of the taco buffet is \$3.50 per person. Admission to the auction is the donation of a white elephant gift or a personal service (such as babysitting) to be auctioned off.

Door prizes will be given out and dinner reservations for the event must be received by Wednesday, January 23, at the COM office. All proceeds will go to the MOWC scholarship fund.

More information may be found by contacting the COM office at 446-2549.

#### BALLET TICKETS ON SALE

The Ballet Folclorico Nacional De Mexico, the official representative of the Mexican Government for representing traditional Mexican folklore, will perform Jan. 29 at the NWC theatre beginning at 7:30 p.m.

Beginning next Tuesday there are a limited number of tickets available at the Music Man, Medical Arts Pharmacy, and the Entertainer businesses in Ridgecrest. Ticket prices are \$7 for general admission and \$5 for persons who are under 21 years of age, over 65 years old, or an enlisted member of the military.

#### SIERRA TALK AT MUSEUM

"Adventures of a Sierra Naturalist" is the title of a slide presentation and lecture to be given by Lloyd Brubaker in the Winslow gallery of the Maturango Museum next Thursday at 7:30 p.m. The talk is open to the public and there is no admission charge.

Brubaker, long-time area resident who spent 17 years as a naturalist in Yosemite National Park, will tell about his experi-

ences in the Yosemite high country and about the natural history of the Sierra Nevada mountains.

Further information can be obtained by contacting the museum at 446-6900.

#### COM OFFERS SPECIAL NIGHT

Membership night at the Commissioned Officers' Mess has been set aside for members and guests of the COM next Friday from 6 p.m. to midnight.

The evening will begin with an Oriental buffet with sweet and sour pork served until 9 p.m.

From 8 o'clock until midnight members and guests will be entertained by Sunlight, a popular local combo.

Ticket Prices are \$7 for members and \$8 for guests. Tickets must be picked up before 4:30 p.m. next Wednesday at the COM office.

#### DEEP PURPLE AVAILABLE

The Community Center Office has admission tickets for sale to the Deep Purple Concert set for Feb. 2 in the Long Beach Arena. The concert for the pioneering, heavy-metal rock and roll group will begin at 8 p.m. Tickets are good for floor seats and cost \$16 each.

#### TEEN DANCE AT EM

Something different will be in store for teenagers tomorrow night at the Enlisted Mess.

For youth, ages 12 to 17 years, there will be video and musical entertainment from 7:30 to 11:30 p.m. in the EM ballroom. Cost for the evening is \$3 per person and \$5 per couple. More information can be found by contacting the Community Center at NWC ext. 2010.

#### FILM SERIES CONTINUES

The second film of the "His Stubbard Love" film series, which discusses a person's relationship with God, will be shown in the All Faith Chapel at 7 p.m. Sunday. This week's film is entitled "Your Irregular Person." The film is open to the public free of charge.

## 'Cheap Night' brings TD Award to Mason



**CHECKING A REFERENCE** — George Mason, recent recipient of the Technical Director's Award for his work on Project Cheap Night, looks at a report.

The outstanding contributions in the field of aircraft night navigation made by George Mason, Project Cheap Night project engineer, resulted in his being presented the Technical Director's Award recently.

In making the presentation, Burrell W. Hays, NWC Technical Director, expressed his appreciation for the many long and late hours spent by Mason in hardware acquisition, checkout, technical evaluation and project performance for night navigation enhancement, including Project Cheap Night and follow-on programs now being planned.

"You've brought a lot of credit to us," said Hays, noting the enthusiasm expressed for Project Cheap Night by Secretary of the Navy John Lehman; VADM J. B. Busey, Commander of the Naval Air Systems Command; and other senior officials who either have

flown the Project Cheap Night-configured TA-7C aircraft or have received briefings about its performance.

The aircraft was configured with a fixed forward FLIR, heads-up raster display, heads-downs displays, and projected map display. The pilot and observer both use night vision goggles. This combination of equipment results in extending daytime flight capability into night time, providing night navigation for close-air-support and other missions.

The project officially started in December 1983, and checkouts were being done by April 1984. Seventeen technical briefing flights and 57 demonstration flights were provided for high ranking military and civilian employees in the Navy and Air Force.

As a result of the outstanding success of Project Cheap Night, several

(Continued on Page 7)

### Civilian pay hike becomes official as of January 6

It's official! As of Jan. 6, a pay raise went into effect for all General Schedule (GS), Demonstration Project and Senior Executive Service personnel. The average raise for these civilian employees is 3.5 percent. The new amount will appear on pay checks received on Jan. 25.



January 11, 1985

Vol. XL, No. 2

NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

## Retirement honors given to Cecil Daley



**TOP AWARDS** — Cecil Daley (second from right) received two Navy Meritorious Civilian Service Award while Dick Boyd (right) special awards when he retired after 33 years at NWC. W. B. made the presentation of 25-year Supervisory Safety Award as Porter, (left) Test and Evaluation Director, presented him with the Daley's wife, Lil, looked on. — Photo by PHAN Greg Hogan

Two prestigious awards were presented to Cecil Daley as he retired after more than 35 years of Federal service, including the last 33 with the Naval Weapons Center.

At a farewell dinner at the Commissioned Officers Mess Tuesday night, Daley, who retired as head of the Range Department's Engineering Branch, was presented with a 25-year Supervisory Safety Award and the Navy Meritorious Civilian Service Award.

Dick Boyd, Range Department head, presented the Supervisory Safety Award, only the second such award to be earned by a NWC employee in the history of the Center.

"We don't have the opportunity to present this award very often," said Boyd. "Cecil made a very, very important contribution," Boyd said of the range safety record compiled during the years Daley worked on the Center.

The safety award is signed by the Secretary of the Navy and is, according to the letter of commendation a "very significant accomplishment and one that makes us extremely proud to present."

W.B. Porter, Test and Evaluation Director, presented the Navy Meritorious Civilian Service Award. He called the award to Daley the "highest Navy honorary civilian award that can be presented by the head of an activity."

The letter of commendation, signed by Capt. K. A. Dickerson, NWC commander,

(Continued on Page 7)

## A-6 order has no impact on NWC mission ability

Aircraft from the Naval Weapons Center and VX-5 are affected by an order grounding or restricting the use of 176 of the Navy's A-6E fleet.

However, Cdr. Dick Erickson, NWC Aircraft Support Division head and Cdr. Tracy Smith, VX-5 operations officer, say the orders will not impact the ability to carry out their mission at NWC.

Cdr. Smith said two of VX-5's A-6Es are grounded until they are sent to either a Naval rewinging facility or to the Grumman Aerospace Corp. factory to have the wings replaced.

While the loss of two aircraft will pose some problems, Smith stressed the mission

capability of VX-5 would not be damaged by the grounding.

Rewing takes from two to six months to complete, said Cdr. Smith.

The two aircraft operated by NWC are restricted to no more than 3G turns in flight until they can be sent for rewinging.

Cdr. Erickson said this did not pose any real problem in carrying out mission requirements.

Cdr. Smith said the estimated wing life for A-6 aircraft had been set at 4,400 hours of flying time. An ongoing investigation and Navy study has found the actual wing life to be between 2-3,000 hours.

(Continued on Page 7)



**GROUNDING** — Two of the A-6Es flown by VX-5 have been grounded until they have completed a rewinging procedure. Two of NWC's A-6Es have been restricted in flight for the same reason. VX-5 and Center officials say mission capability is not affected by the grounding and restrictions.

## 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 7:00 p.m.

FRIDAY, SATURDAY	JANUARY 11, 12	
"TIGHTROPE"		
Starring Clint Eastwood and Genevieve Bujold (Suspense-Thriller, rated R, 114 min.)		
SUNDAY	JANUARY 13	
"TIMERIDER"		
Starring Fred Ward and Peter Coyote (Action-Adventure, rated PG, 105 min.)		
MONDAY	JANUARY 14	
"ROMANCING THE STONE"		
Starring Michael Douglas and Kathleen Turner (Adventure-Comedy, rated PG, 106 min.)		
WEDNESDAY	JANUARY 16	
"ICEMAN"		
Starring Timothy Hutton and Lindsay Crouse (Mystery-Drama, rated PG, 101 min.)		



40 YEARS OF FED'L SERVICE — His enlistment in the Navy in December 1943 began for Jay Dee Ward what has since turned out to be a combined total of 40 years of federal service. This was acknowledged by the presentation to Ward of a 40-year Federal length-of-service certificate and pin during a ceremony held in the office of Capt. K. A. Dickerson, NWC Commander. The latter acted on behalf of the Secretary of the Navy in making the presentation.

### 40 years of government service completed by engineering tech

Jay Dee Ward, a mechanical engineering technician in the Product Engineering Branch of the Fuze and Sensors Department, was the recent recipient of a 40-year Federal length-of-service certificate and pin.

The presentation was made by Capt. K. A. Dickerson, NWC Commander, during a ceremony held in the Skipper's office.

Present for the occasion were B. W. Hays and Jerry Schiefer, NWC Technical Director and Deputy Technical Director, respectively; M. E. Anderson, head of the Fuze and Sensors Department; Steve Fowler, acting head of the Fuze Systems Division; and Ward's branch head, Mike Tyler, who directs Code 33's Product Engineering Branch.

Ward's four decades of service with the government began when he enlisted in the Navy in December 1943. As preparation for more than a year of overseas duty during World War II, he spent two months at the Amphibious Training Base, Little Creek, VA.

Ward was then assigned to the crew of an amphibious landing craft that was among the many involved in the landing at Lingayen Gulf on the Island of Luzon in January 1945, as well as in other military operations during the final months of World War II.

Following his discharge from the Navy in January 1946, he began his Federal Civil Service career a month later as a machinist at the Board Naval Ordnance Plant in Indianapolis, Ind.

Ward, who had retained his ties with the Navy by joining the Naval Reserve at the time of his discharge in January 1946, was recalled to active duty after the Korean War broke out and served an additional 19

months — being stationed at the Air Navigation Office at Sand Point, near Seattle, Wash.

Returning to civilian life, he resumed work at the Naval Ordnance Plant in Indianapolis, where he entered the apprentice machinist and apprentice toolmaker programs.

The training led to his promotion to toolmaker in June 1955, and he remained for another four years at the Naval Ordnance Plant before transferring in September 1959 to the Naval Ordnance Laboratory at Corona, Calif., where he started working as a model maker (metals).

His association with the old Fuze Department at Corona began when he was promoted to engineering technician in July 1967 and became involved with work on target detecting devices for Sidewinder and HARM, and the guidance section of the Phoenix missile.

Ward made the move to China Lake when the Fuze Department at Corona was transferred here in 1969, and has remained ever since with what is now the Fuze and Sensors Department, except for a year-long assignment with the Seasprow Office in the NWC Weapons Department.

The 40-year award recipient has contributed to work on destruct charges, arm-firing devices, and varied aspects of the Standard missile program. Over the years, he has received four Beneficial Suggestion Awards and several letters of commendation.

Having achieved the 40-year milestone, Ward, whose main activity off the job is playing golf, plans to continue working for a few more years before retiring and concentrating full time on his golf game.

## Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Program are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. 08-002, Mail/File Clerk, GS-305-3/4/5, Code 0822 — Duties: Processes incoming and outgoing registered mail and secret directives and instructions; maintains listing of custody control point for Center; maintains records for all secret documents and coordinates special access material. Job Elements: Knowledge: NWC organizational structure; regulations/procedures relating to safeguarding classified documents; U.S. postal regulations/procedures. Abilities: to meet and deal with a variety of people; to organize and coordinate; to maintain records; to communicate effectively both orally and in writing. No. 08-063, Editorial Assistant, GS-187-4/5, Code 0823 — Edits and types highly specialized and complex technical and statistical reports, manuals, contracts, and materials in the Word Processing Branch. Assists in training newly hired clerical personnel in office procedures and use of word processing equipment. Job Elements: Knowledge: Navy Correspondence Manual, NWC Editorial Style Guide, NWC Secretariat Handbook, Security Manual, Plain Language Address Directory and administrative procedures and procedures; knowledge of editorial procedures and grammatical construction; experienced in the use of word processing equipment; knowledge of potential to GS-6. Previous applicants need not reapply.

No. 08-065, Interdisciplinary (Electronics Engineer/Physicist/Operations Research Analyst/Mathematician), DP-855/1310/1515/1520-3, Code 881 — Provides support to weapon system program offices by making cost and performance analyses using government and contractor data sources. Job Elements: Ability to handle problems or assignments of marked difficulty; ability to think through a problem and approach to its solution; knowledge of weapon systems and quantitative analysis techniques; familiarity with computer technology; and ability to express ideas orally and in writing. No. V-35-001, Supervisory Interdisciplinary (Physicist/Electronics/Electrical Engineer), DP-1310/855/830-3/4, Code 3318 — This position is head, Microelectronics Branch, provides microelectronics design assistance, a prototype fabrication facility for microelectronic circuits and components, the capability to perform failure analyses on semi-conductor components, and expertise and facilities for the design and exploitation of thin film, acousto-optic and integrated optic microelectronic interface development. Job Elements: Ability to supervise and lead a multidisciplinary team; knowledge of microelectronic technology, failure analyses and solid state materials technology; knowledge of documentation standards and practices and contract monitoring; ability to communicate effectively both orally and in writing; support of NWC EEO policies and goals. Promotion potential to DP-4 subject to approval by Center management.

No. 34-001, Technical Equipment Illustrator, DA-1020-1, Code 3482 — Work involves laying out and executing illustrations in black and white and color. Supports senior personnel in visual information requirements of CTR programs/projects. Job Elements: Abilities: to use common art media; to plan composition and layout of illustrations; to do line drawings of technical equipment, circuit and other similar representations. Promotion potential to DA-3.

No. V-35-001, Interdisciplinary (General, Electronics, Mechanical, Aerospace Engineer), DP-801/855/830/861-3, Code 3507 — (two vacancies) — Serves as Contracting Officers' Technical Representative for the Low Cost Seeker program. Job Elements: Knowledge of government contracting procedures with special emphasis on product assurance requirements; satisfactory completion of COTR course prior to 25 April 1985; ability to organize and implement schedule and cost monitoring procedures; coordinate and direct the support engineering tasks of a major R&D contract.

No. V-35-002, Interdisciplinary (Electronics Engineer, Physicist), DP-3/4, Code 3544 — Serves as branch head responsible for design and development of electronic hardware and software of unique signal intercept and signal processing equipment. Incumbent is responsible for technical and administrative management of branch functions. Job Elements: Knowledge of electronic warfare and electronic engineering; ability to communicate orally and in writing; to supervise, including support of EEO. Selection at the 3 level does not guarantee promotion to the 4 level.

No. V-35-003, Intelligence Research Specialist, DP-132-1, Code 35403 — Collects classified and unclassified information, and intelligence on foreign threat and U.S. systems capabilities. Job Elements: Knowledge of intelligence sources; library and acquisition techniques; Siberian and European geography. Ability to collect and organize data into data base; translate Russian and French documents. Promotion potential DP-3.

No. 36-193, Equipment Specialist (Missile), DS-1670-2/3, Code 3655 — Provides technical assistance/advise on system and equipment maintenance to design and test engineers, weapon system planners, and equipment operators, and provides technical and management support for the development of maintenance technical data used by United States military and foreign government personnel to operate, test, repair, and calibrate systems and/or equipment. Elements: Knowledge of missile/avionics systems and related support equipment; of engineering and logistics disciplines involved with hardware design and support; of both Navy and Air Force maintenance levels, maintenance manual systems. Status eligibles may apply.

No. 38-012, Clerk, GS-303-3, (part time NTE 30 hrs. per week), Code 381 — Provides clerical support to the Physics Division particularly in the budget area. Elements: Knowledge of NWC financial management system; knowledge of office filing systems; skill in operating administrative office equipment; ability to deal with others. Promotion potential to GS-5. Previous applicants need not re-apply.

No. 39-001, Clerk-Typist, GS-322-4/5, Code 3906 — Incumbent provides clerical assistance to the Sparrow Program Office staff. Duties consist of receiving and screening visitors and incoming phone calls; receiving, opening, and screening mail; typing official letters, memoranda and reports; maintaining office files; performing timekeeping duties, etc. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas. No. 39-086, Interdisciplinary (General/Civil/Mechanical/Electronics/Aerospace Engineer), DP-801/810/830/855/861-3, Code 3905 — Deputy Program Manager for the ACMI/AAAM program. Major point of contact for Center interfacing with headquarters, contractors, and other government activities. Responsible for preparation of planning documents associated with program organization, product documentation. Efforts include aircraft integration, test and evaluation and coordination of the ordnance area. Job Elements: Knowledge of missile system design with a specialty weapons systems; skill in program management and directing in-house activities with appropriate technical and budgetary abilities; needs to understand procurement system and have ability to give presentations to present the program to the sponsor and off-center visitors. Previous applicants need not re-apply.

No. 39-090, Clerk Typist, GS-322-4/5, Code 3907 — Incumbent provides clerical support to the Cruise Missile Program Office. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas; ability to operate IBM Displaywriter is highly desirable. Previous applicants need not re-apply. No. V-42-001, Engineering Technician, DT-802-3, Code 6211 — Serves as Firing Officer and is responsible for test operations performed at one of more test pads at the Skytop Test Complex. Determines test program capability, required facility support equipment, and arranges/coordinates necessary support personnel and materials. Assists in the setting up and conducting propulsion and related static ordnance tests throughout the general Skytop test area, including propulsion systems Polaris and Trident. Responsible for the safety of all personnel in the facility during critical operations and for conducting all tests in a safe and controlled manner. Job Elements: Knowledge of experimental test procedures; explosives and rocket motor testing; must have or be able to acquire certification as an NWC Firing Officer; ability to work with Government and contractor personnel at all levels.

No. V-43-002, Engineering Technician DT-802-1, Code 6212 — Conducts environmental testing of various ordnance items and weapons. Testing includes vibration, shock, temperature, and temperature-humidity. Performs posttest inspection records and analyzes test data and assists in test fixture fabrication. Job Elements: Knowledge of ordnance environmental testing, safety and operating procedures for testing ordnance items, environmental data recording devices and test equipment maintenance. Ability to communicate both orally and in writing and work as a team member in performance of environmental testing. Promotion potential DT-3.

No. V-44-002, Electronics Technician, DT-856-2, Code 6232 — Duties include electronic fabrication, printed

writing; plan a project from concept to completion; skill to develop avionic and commercial computer system architectures; knowledge of digital system design practices and structured software development; knowledge of MIL-STD 167B. Promotion potential to DP-4 however, promotion is subject to review and approval of Center management.

No. 08-002, Mail/File Clerk, GS-305-3/4/5, Code 0822 — Duties: Processes incoming and outgoing registered mail and secret directives and instructions; maintains listing of custody control point for Center; maintains records for all secret documents and coordinates special access material. Job Elements: Knowledge: NWC organizational structure; regulations/procedures relating to safeguarding classified documents; U.S. postal regulations/procedures. Abilities: to meet and deal with a variety of people; to organize and coordinate; to maintain records; to communicate effectively both orally and in writing. No. 08-063, Editorial Assistant, GS-187-4/5, Code 0823 — Edits and types highly specialized and complex technical and statistical reports, manuals, contracts, and materials in the Word Processing Branch. Assists in training newly hired clerical personnel in office procedures and use of word processing equipment. Job Elements: Knowledge: Navy Correspondence Manual, NWC Editorial Style Guide, NWC Secretariat Handbook, Security Manual, Plain Language Address Directory and administrative procedures and procedures; knowledge of editorial procedures and grammatical construction; experienced in the use of word processing equipment; knowledge of potential to GS-6. Previous applicants need not reapply.

No. 08-065, Interdisciplinary (Electronics Engineer/Physicist/Operations Research Analyst/Mathematician), DP-855/1310/1515/1520-3, Code 881 — Provides support to weapon system program offices by making cost and performance analyses using government and contractor data sources. Job Elements: Ability to handle problems or assignments of marked difficulty; ability to think through a problem and approach to its solution; knowledge of weapon systems and quantitative analysis techniques; familiarity with computer technology; and ability to express ideas orally and in writing.

No. 24-19A, Fire Protection Inspector, GS-081-6/7, Code 24201 — 2 vacancies. — This is a readvertisement to include the fact that the positions are Temporary Promotions NTE 120 days. Supplemental qualifications statement required. Incumbent makes construction and inspection of buildings, their contents, utilities and surrounding areas; of processes operations in regularly assigned areas; recommends corrective action to area responsible; makes written reports and follow-up inspections; reviews plans for new construction and extension of existing structures recommending changes and additions to ensure compliance with fire prevention and protection requirements. Incumbent tests, services and installs fire equipment, fire doors, sprinkler systems, alarms, etc. Presents fire prevention training and instructions, and conducts evaluation and fire drills. KSAs: K — of principles of fire prevention inspection; of operations performed in assigned areas; of physical layout of NWC, including NAF. Supports Federal EEO program goals and objectives.

No. 31-113, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, Mechanical/Aerospace Engineer, DP-1550/1310/855/1320/830/861-3/4, Code 3114 — F-18 Facility System Engineer for the technical planning and systems architecture for the F-18 WSSF Validation and Integration Laboratory. Develops and implements WSSF test capabilities using facility and contractor support personnel. Responsible for the top-level design of multi-component based real-time software (F-18 system modeling, I/O drivers, utility software) and hardware (digital interfaces, avionics). Identify tasks and milestones performed by others under technical direction. Incumbent expected to become familiar with the F-18 Mission Computer System and Stores Management Systems Elements. Ability to direct and provide leadership to a multidisciplinary group of electronics engineers, technicians and computer scientists; communicate both orally and in writing.

### Training class

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Managerial Accounting for the TMC Program, Feb. 4 to 8 at the Training Center. The course will be taught by staff members of Code 086. The deadline for the course is Jan. 25.

Software Configuration Management, Jan. 21, 22, 23, and 24 from 12:30 to 4 p.m. in the Training Center. The instructors are James Dorrell and Dave Rugg; both are NWC employees. Persons interested in attending this class should submit their training forms as soon as possible.

### DIVINE SERVICES

PROTESTANT	
Sunday Worship Service	1000
Sunday School (Annexes 1, 2 & 4)	0930
Bible Study (East Wing Wednesdays)	1130 1230
ROMAN CATHOLIC	
Sunday Mass	0930
Communion Service (except Monday)	1135
Confessions	1630 1700 Friday
Religious Education Classes (Annexes 1, 2 & 4)	1000 Sunday
JEWISH	
Friday (East Wing)	1930
UNITARIAN	
Sunday (Annex 95, as announced)	1930

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake



Captain K. A. Dickerson  
NWC Commander

B. W. Hays  
Technical Director

Denny Kline  
Public Affairs Officer

Mickey Strang  
Editor

Steve Boster  
Associate Editor

PH3 Rick Moore  
PHAN Greg Hogan  
Staff Photographers

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

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P 35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.

3354, 3355  
Phones

## Driving dependents have same rules as servicemembers

Military dependents who are not legal residents of the State of California will not need to hold a valid California driver's license providing that four requirements are met.

These requirements include that the individual holds a currently valid driver's license from his or her home state, that the dependent is age 18 or over, that the dependent does not establish permanent residence in California, and that the person is not employed for compensation by someone else for the purpose of driving a motor vehicle.

In short, the Department of Motor Vehicles has taken the position that lawful dependents of military personnel may receive the same nonresident privileges as the military personnel upon whom they are dependent.

## A-6 wings...

(Continued on from 1)

The wing fatigue life is set at 50 percent of the estimated wing life. The 64 aircraft that have been grounded as a result of the Dec. 21 order, have flown at least 150 percent of the new wing fatigue life.

Seventy aircraft restricted to 3Gs have flown at least 125 percent of the fatigue life and another 42, with at least 100 percent of the fatigue life flown, are being restricted to 4.5Gs in flight.

Just how long it will be until NWC and VX-5 have all their A-6Es back in full operation depends on how quickly the re-wiring moves forward.

The cost of the needed repairs on 176 of the Navy's 344 A-6s is still not known.

## Development class offered on Center by Women's Program

Under the sponsorship of the Federal Women's Program, a course entitled "Career and Personal Development for Women in Management" will be offered on Tuesday, Jan. 22, from 8 a.m. to 4 p.m.

The program, presented by J. D. Hodson & Associates, will focus on personal development in the setting of career goals, self-presentation, and skills for success, as well as some crucial abilities needed in management.

Topics to be covered include setting realistic career goals with objectives and a timetable, risk taking in career choices, self-presentation, motivating and influencing people, giving and receiving feedback, delegation and handling conflict.

Attendance in this class is limited to 30. Priority in enrollment will be given to anyone who took a preliminary class held at NWC in January 1984.

Anyone wishing to sign up must submit a training request and authorization form through department channels promptly.

## Career advancement stressed in course planned Jan. 23

All personnel interested in advancing their personal careers are encouraged to sign up for a course entitled "Building a Successful Career" that will be offered twice this month, once from 8 a.m. to 4 p.m. on Wednesday, Jan. 23, and again at the same time the following day.

The primary focus of the course will be on setting goals and why these are important in career progress, self assessment and career choices, the importance of taking risks, and skills for success.

The course, which is sponsored by the Federal Women's Program, will be presented by J. D. Hodson & Associates. Class enrollment is limited to 20 on each day.

Those wishing to register should submit a training request and authorization form through department channels promptly.



RE-UPS FOR 4 YEARS — Data Processing Technician 1st Class Danny Juarez, who is serving as a programmer/operator in the Air Test and Evaluation Squadron Five (VX-5) Data Processing Shop, re-enlisted for another four years of active duty during a ceremony held recently in Hangar One. A veteran of nine years of service in the Navy, DP1 Juarez will be leaving soon for Pearl Harbor, Hawaii, where he will be assigned to the Third Fleet Operations Component. Petty Officer Juarez, whose home town is Pinedale, Calif., has served with VX-5 since October 1982.

Looking For Equipment? Call the Equipment Locator Service (Code 02422) at ext. 2101. We're here to satisfy your equipment needs!

## Promotional opportunities

(Continued from Page 2)

and screening mail; typing official letters, memoranda and reports; maintaining office files; performing timekeeping duties, etc. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas.

No. 39-086, Interdisciplinary (General/Civil/Mechanical/Electronics/Aerospace Engineer), DP-801/810/830/855/861-3, Code 3905 — Deputy Program Manager for the ACMI/AAAM program. Major point of contact for Center interfacing with headquarters, contractors, and other government activities. Responsible for preparation of planning documents associated with program organization, product documentation. Efforts include aircraft integration, test and evaluation and coordination of the ordnance area. Job Elements: Knowledge of missile system design with a specialty weapons systems; skill in program management and directing in-house activities with appropriate technical and budgetary abilities; needs to understand procurement system and have ability to give presentations to present the program to the sponsor and off-center visitors. Previous applicants need not re-apply.

No. 39-090, Clerk Typist, GS-322-4/5, Code 3907 — Incumbent provides clerical support to the Cruise Missile Program Office. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas; ability to operate IBM Displaywriter is highly desirable. Previous applicants need not re-apply.

No. V-42-001, Engineering Technician, DT-802-3, Code 6211 — Serves as Firing Officer and is responsible for test operations performed at one of more test pads at the Skytop Test Complex. Determines test program capability, required facility support equipment, and arranges/coordinates necessary support personnel and materials. Assists in the setting up and conducting propulsion and related static ordnance tests throughout the general Skytop test area, including propulsion systems Polaris and Trident. Responsible for the safety of all personnel in the facility during critical operations and for conducting all tests in a safe and controlled manner. Job Elements: Knowledge of experimental test procedures; explosives and rocket motor testing; must have or be able to acquire certification as an NWC Firing Officer; ability to work with Government and contractor personnel at all levels.

No. V-43-002, Engineering Technician DT-802-1, Code 6212 — Conducts environmental testing of various ordnance items and weapons. Testing includes vibration, shock, temperature, and temperature-humidity. Performs posttest inspection records and analyzes test data and assists in test fixture fabrication. Job Elements: Knowledge of ordnance environmental testing, safety and operating procedures for testing ordnance items, environmental data recording devices and test equipment maintenance. Ability to communicate both orally and in writing and work as a team member in performance of environmental testing. Promotion potential DT-3.

No. V-44-002, Electronics Technician, DT-856-2, Code 6232 — Duties include electronic fabrication, printed

writing and test telemetry systems and subsystems. Assists engineers in design of these systems to facilitate fabrication and achieve technical requirements. Job Elements: Knowledge of circuit fabrication techniques, printed wiring board design, and test equipment.

No. 00-001 Interdisciplinary Physicist, Chemist, Physical Scientist, Electrical Engineer, Mechanical Engineer, DP-1310/1320/1360/830-3/4, Code 0172 — Incumbent will perform as head of the Program Planning and Development Office by assisting the Technology Base Director in developing long-term plans which define priority and emphasis areas in the technology base, together with core efforts requiring continuing support, and in identifying resources required to support this plan and potential sources of funding support. Duties also include serving as a center focal point for communications with non-traditional sponsors, such as the Defense Advanced Research Projects Agency (DARPA), the Strategic Defense Initiative Office (SDIO), the Naval Electronics Systems Command (NAVELEX), and other service commands seeking out areas of mutual technology base interest between these sponsors and NWC. Job Elements: knowledge of current technology base work at NWC; ability to plan, schedule and coordinate work being performed by various groups; ability to communicate clearly both orally and in writing. Promotion potential to DP-4; however, promotion is subject to review and approval of Center Management. Reassignment only at DP-level.

NO. CR-8501, Auto Hobby Shop Manager, UA-1101-65, \$14,300 per annum, Permanent Full-time plus benefits, Code 2244 — Incumbent is responsible for developing and managing a complete auto hobby shop program. KSAs: Knowledge of basic auto mechanics; service and parts sales; retailing management. Ability to communicate both orally and in writing. This is not a Civil Service position.

## TD Award goes to George Mason...

(Continued on from 1)  
new programs are planned for the future such as the AV-8B, F/A-16, and A-6 Upgrade and Cheap Night Phase II.

"Your work has had a Navy-wide impact," Capt. K. A. Dickerson, NWC Commander, told Mason following the presentation of the engraved paperweight, stipend and letter of commendation comprising the Technical Director's Award.

As Mason expressed appreciation for the honor, he said that he felt that the project was very much a team effort and that all elements of the team were essential to the success of Cheap Night.

Especially mentioned by Mason were personnel who assisted with contracts, with airfield maintenance operations, the A-7 Program Office, Col. John Tyler and Marine Corps headquarters, and the Aircraft Weapons Integration Department Office under Dr. Edward Kutchma.

## Daley honored at retirement dinner...

(Continued on from 1)

reads, in part, "It has been through Mr. Daley's efforts that NWC ranges have received recognition across the nation as the ranges with the 'can-do' attitude. He has dedicated his 33-year career to their maintenance, development and modernization."

During his long tenure at NWC, Daley earned three Superior Achievement

Awards and four Sustained Superior Performance Awards for accomplishments on the Center.

A letter from Boyd said Daley had become known as the Range Department's "corporate memory" and had been responsible for planning and directing test site construction and modification.

From his start as a junior professional engineer in June, 1951, to his Jan. 2 retirement, he has been with the what is now the Range Department in its many previous forms.

With his wife, Lil, looking on, Daley also received plaques from Porter and Boyd for his accomplishments over the years and gifts from his colleagues in the NWC Range Department.

Daley and his wife plan to remain Ridgecrest residents now that he has ended his Federal service career after more than 35 years.

Looking For Equipment? Call the Equipment Locator Service (Code 02422) at ext. 2101. We're here to satisfy your equipment needs!

Currently an electronics engineer in the Infrared Systems Branch of Code 31, Mason first came to work at China Lake as a summer employee in 1966 while he was attending California State Polytechnic University at San Louis Obispo. Since his graduation with a degree in electronics engineering, he has been continuously employed at NWC.

Mason's area of expertise is primarily with infrared systems. The work that led to Cheap Night actually began while he was working with night angle rate bombing systems, followed by the AV-8B Night Enhancement Study that consisted of a list of options to satisfy system requirements at various levels.

The option selected was the one flow on British Hunter Aircraft; this was reconfigured for the TA-7C with Mason as project engineer. The outstanding success achieved by Project Cheap Night is expected to lead to follow-on programs by Fiscal Year 1986.

Awards and four Sustained Superior Performance Awards for accomplishments on the Center.

A letter from Boyd said Daley had become known as the Range Department's "corporate memory" and had been responsible for planning and directing test site construction and modification.

From his start as a junior professional engineer in June, 1951, to his Jan. 2 retirement, he has been with the what is now the Range Department in its many previous forms.

With his wife, Lil, looking on, Daley also received plaques from Porter and Boyd for his accomplishments over the years and gifts from his colleagues in the NWC Range Department.

Daley and his wife plan to remain Ridgecrest residents now that he has ended his Federal service career after more than 35 years.

## Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. V-35-004, Secretary (typing), GS-318-4/5/6, Code 3501 — Provides secretarial support to the Associate Department Head, Head of Staff and other Department Staff personnel.

No. V-35-005, Secretary (typing), GS-318-5/6, Code 352 — Provides secretarial and administrative support to the Head, RF Development Division.

No. 36-19A, Secretary (typing), GS-318-5/6, Code 3609 — Provides secretarial support to the Phoenix Program Office.

No. V-42-003, Secretary (typing), GS-318-4/5, Code 6253 — Provides secretarial and administrative support to the Telemetry Operations Branch Head and 18 branch employees. Status eligibles may apply.

No. V-44-001, Secretary (typing), GS-318-5/6, Code 6410 — Provides secretarial and administrative support to the Head of Recovery System Engineering Division. Status eligibles may apply.



**OTHTC readies Pick-A-Pace race on Jan. 19**

To warm up for the Super Bowl, the Over-the-Hill Track Club is sponsoring its annual Pick-a-Pace five or 10 mile race on Saturday, Jan. 19.

The 10 a.m. events begin at the Desert Empire Fairgrounds and the winners are those runners who come closest to predicting, in advance, just how much time it will take them to cover the route.

Each runner will be asked to predict the time it will take him or her to complete the designated course. The contestants will run without benefit of time assistance of any kind and victory will not necessarily go to the fastest runners of the morning.

Sign-ups begin at 9:30 a.m. There is a \$2 entry fee for OTHTC members and a \$3 entry fee for nonmembers who run, according to Mike Hartney, race director.

Hartney noted this race will be a good opportunity for runners who plan to take part in the marathon or half marathon set next month to test their sense of a race pace.

For more information call Hartney at 375-1764.

**Racquetball play begins this week for men and women**

Competition began yesterday (Jan. 10) in women's open and intermediate racquetball tournaments. Also starting yesterday was the men's senior tourney for players 40 years of age and older.

The action is scheduled to conclude tomorrow. Awards go to the top three individuals in each division.

Coming up on Jan. 17 is the start of the men's open division tourney and women's novice competition.

A maximum of 12 players per division is allowed with entry forms and fees due two days prior to the start of the tournament.

Games are played starting at 5 p.m. Thursdays and Fridays; Saturday action begins at 8 a.m.; and games on Sunday start at noon.

Tournaments are open to anyone interested in the competition.

For additional information call NWC ext. 2334.

**License costs up**

The Department of Fish and Game has announced a slight increase in the cost of hunting licenses for the State of California, with the increased fees taking effect on July 1, 1985.

The resident hunting license will cost \$14.50; the junior license, \$3; the resident bear tag, \$10; the resident first deer tag, \$7.50, and the resident second deer tag, \$10.

For non-residents, hunting license fees will increase to \$51.25 for a basic license; one-day license for use at a license pheasant club, \$7.25; bear tag, \$91.50; \$100 for the first deer tag, and \$100 for the second deer tag.

**Take care of the big one**

Many anglers lose that "big one" because they are not taking good care of their monofilament fishing line and the line breaks when a big or fighting fish takes the hook.

Monofilament deteriorates due to prolonged exposure to sunlight. Stored in a dark place, it will keep its strength indefinitely. Reels should either be stored in a dark place or should be covered to protect them from light. (An old sock makes a good, soft, covering to protect reels.)



**HOOP PLAY RESUMES** — Intramural basketball action picked up again this week with a full schedule of games last night.

**Most hunting seasons nearly over**

Southern California hunting seasons end this month, leaving hunters only a couple of weeks, at best, to take to the field.

Deer hunters have one last chance to bag a deer. Archery hunters who have not had a tag previously this season can still apply for one of the few remaining permits for a special archery hunt for either sex deer in San Diego County. The hunt will end half an hour after sunset on Jan. 21.

If hunters already have tags for the Los Angeles special archery hunt, they have until Jan. 31 to fill them.

**Dalpiaz rolls a 607 series**

Ken Dalpiaz had a 607 series and a 245 game to highlight Premier Scratch League Bowling action this week.

In team competition, the Elks remain atop the standings with 233½ games won and 166½ games lost. Cal Gas is close behind, having won 231½ games this season.

On Monday night's action, the Elks had a team high game of 1,004 and a high series of 2,795.

Also rolling at least a 600 series for the

night were George Bowles with a 604 and Jerry Campbell with a 600 even.

Jack Brown had a 236 game while Steve Zissos rolled a 226 and Campbell noched a 221 game.

League Standings are incomplete this week because two teams were unable to bowl their full set of games Monday due to lane breakdowns. Josephs with 215 wins and Thrifty Wash with 213 hold the third and fourth spots at this point in the league season.

Fatal boating accidents on the Colorado River in the Parker Strip and Lake Havasu sections have been exceptionally high, but such accidents can occur anywhere in waters that are used by recreational boaters.

The California Department of Fish and Game offers a number of safety suggestions to anyone who goes boating, or uses water skis or jet skis. These suggestions include:

All boats should carry life preservers for all passengers and crew members on any boat, and carry a recently charged fire extinguisher on all fuel-powered craft. The fire extinguisher should be mounted in an area other than near the fuel tank.

Navigation lighting is required on the Colorado River and in many other areas. Boats should be operated in a responsible manner. For instance, a low rate of speed should be maintained in the vicinity of inner-tubers, water skiers, drifting boats, and swimmers.

Children should be taught safety rules before being allowed to use jet skis.

Water-skiing after dark is not allowed, and an observer is required aboard all ski boats towing skiers.

Passengers should not be permitted to ride on a decked-over bow of a boat because the driver's view can be obstructed and because many passengers have fallen overboard from that location.

In addition, for those who boat on the Colorado River, Arizona authorities are now treating those who drink and drive boats the same as those who drink and drive cars. Boat drivers who cannot pass sobriety tests will be booked into an Arizona jail.

**Learn to build your own fly fishing rod with class from the Aguabonita Flyfishers**

With the high Sierra trout season still more than three months away, the Aguabonita Flyfishers are offering a class on how to build your own fly rod, including how to rebuild an old rod.

An opening session, to determine how much interest there is in the class, will be held at 821 N. China Lake Boulevard on Tuesday, Jan. 15 at 7:30 p.m.

Material required, steps in the process,

**Trout still biting at Isabella**

Despite the fair weather over at Lake Isabella last weekend, very few anglers tried their luck. Those that did caught some trout all around the lake, both in the coves and the deeper water, because trout are still being planted. (Some of the trout now

being planted, however, are subcatchables.)

Bass are being caught in fairly deep water by anglers in boats who are familiar with the lake. Some crappie are also now being caught from deep water.

Staying open later in the month is the goose season, which doesn't close until Jan. 20. Quail, chukar and cottontail rabbit seasons all close half an hour after sunset on Jan. 27.

And, bobcat hunting comes to a halt on Jan. 15 except in the south coast counties.

**Boating accidents growing in number say DFG officials**

Fatal boating accidents on the Colorado River in the Parker Strip and Lake Havasu sections have been exceptionally high, but such accidents can occur anywhere in waters that are used by recreational boaters.

The California Department of Fish and Game offers a number of safety suggestions to anyone who goes boating, or uses water skis or jet skis. These suggestions include:

All boats should carry life preservers for all passengers and crew members on any boat, and carry a recently charged fire extinguisher on all fuel-powered craft. The fire extinguisher should be mounted in an area other than near the fuel tank.

Navigation lighting is required on the Colorado River and in many other areas.

Boats should be operated in a responsible manner. For instance, a low rate of speed should be maintained in the vicinity of inner-tubers, water skiers, drifting boats, and swimmers.

Children should be taught safety rules before being allowed to use jet skis.

Water-skiing after dark is not allowed, and an observer is required aboard all ski boats towing skiers.

Passengers should not be permitted to ride on a decked-over bow of a boat because the driver's view can be obstructed and because many passengers have fallen overboard from that location.

In addition, for those who boat on the Colorado River, Arizona authorities are now treating those who drink and drive boats the same as those who drink and drive cars. Boat drivers who cannot pass sobriety tests will be booked into an Arizona jail.

**The Skipper sez**



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

**QUESTION**

**Military dependent** — I'm a military dependent. I recently found out that I am pregnant and, being a nurse, I know the importance of medical and dental care during this period. In speaking to a few other military dependents who were stationed stateside when they were pregnant, they said that they had dental care throughout the pre-natal period. This was routine dental care: cleaning, filling, x-rays, etc. When I called the Branch Dental Clinic, they said they had never heard of such a thing, nor has PSD. I've made a few other calls and it is very frustrating to hear that other military wives have received dental care, but when I go to find out something, I get absolutely nowhere.

Basically, my question is, what is going on with dental care for military dependents? Also, I have what is called TMJ syndrome. It is a jaw problem, and some of the symptoms are pain in the jaw, headaches, ear pain, facial pain, difficulty in chewing, and a clicking noise. I have this problem, I have talked to the Branch Dental Clinic about it, and they won't do anything. CHAMPUS apparently will not cover it. I have called a local dentist and it will cost upwards of \$1,000 to have this problem taken care of. It is not an emergency at this point. I have been able to get my jaw back into place, but it is a chronic problem causing stress. I'm just wondering if there is any way CHAMPUS will cover some of this.

**ANSWER**

Routine dependent dental care of the type to which you are referring is not authorized at China Lake. Within the United States dependent dental care may be provided at certain isolated installations — NAS Fallon, Nevada, for example. Here in Ridgecrest dependents are required to seek dental treatment from civilian sources.

Although we are not authorized to provide routine care, we can provide emergency treatment if a dependent first seeks aid from a civilian source but is unable to find it. Emergency treatment is not definitive and is limited to the relief of pain or distress.

Concerning TMJ syndrome, CHAMPUS will cover surgical treatment of the TM joint when any of the following conditions are present: osteoarthritis, trauma, congenital causes, ankylosis, tumors or dislocations. Non-surgical treatment is excluded and not covered.

Routine dental care will be authorized for Navy dependents in July of 1985. The nature of this care is not yet known, but it will probably be in the form of "space available" type basis. In other words, if the clinic can provide the care with the staffing they have without degrading the care provided for the active duty military, then it will be done.

**Contributions recognized**

**JANNAF Combustion Subcommittee honors Boggs**

Thomas L. Boggs, who heads the Combustion/Detonation Research Branch in the NWC Research Department's Engineering Sciences Division, was honored recently for his contributions to combustion technology and service to the Joint Army, Navy, NASA, Air Force (JANNAF) Combustion Subcommittee.

Boggs was one of three recipients of a Certificate of Recognition that was presented during the JANNAF Combustion Subcommittee's annual meeting held at the Applied Physics Laboratory in Laurel, Md.

Only seven such awards have ever been given, and Boggs joins Dr. Ronald L. Derr, head of Code 38's Engineering Science Division, as the second NWC recipient of this special recognition. Dr. Derr was honored in 1983.

The purposes of this group are to solve propulsion problems, effect coordination of technology programs, and promote an exchange of technical information in the area of missile, space and gun propulsion.

Boggs' involvement with the JANNAF Combustion Subcommittee dates back to 1975 when he served for a year as chairman of the Temperature and Pressure Sensitivity Data Panel — an assignment that led to his appointment as chairman of the Solid Rocket Area at the 13th annual JANNAF Combustion meeting in 1976.

In subsequent years, he has held increasingly responsible positions with the JANNAF Combustion Subcommittee, including serving as program chairman of the 16th annual meeting in 1979, and co-chairman of the Burn Rate Measurements and Data Reduction Procedures Panel (1978-82).

Two years ago, Boggs was chairman of the 1982 Propulsion Systems Hazard Subcommittee meeting, and this year was coordinator of the Performance/Hazards Trade-off Workshop.

In addition, Boggs has been a prolific contributor to JANNAF publications, having written some 75 technical reports and

papers since 1970, and has contributed to or authored 34 Naval Weapons Center technical publications and technical memorandums.

Boggs, whose association with the Naval Weapons Center began as a Co-op student in the summer of 1963, has a bachelor's

degree in mechanical engineering that he received in 1966 from the University of California at Berkeley.

On top of his branch head duties, he is the principal investigator in the field of Deflagration and High Temperature Decomposition of Solid Propellant Ingredients and the High Energy Propellant Safety Program.

Boggs' level of technical expertise has been recognized in various other ways. His papers are widely referenced in the American and Soviet open literature. On several occasions he has been asked by the Air Force Foreign Technology Division to interview Soviet scientists. The reviews became part of the foreign technology intelligence library.

He also has been asked to review papers for technical accuracy to determine possible publication in journals such as Combustion Science and Technology, Combustion and Flame, and the AIAA Journal.

Boggs, who teaches a course entitled "Supervisory Skills Workshop," has been active in the area of organization development at NWC. He has been an assessor and an instructor for the NWC Leadership Assessment and Development Program, and often has consulted others in the area of performance appraisal.

Among the highlights of his Civil Service career, he was one of ten Federal government employees singled out in 1978 to receive the Arthur S. Flemming Award, which honors those who have performed outstanding and meritorious work. Boggs was commended for his international recognition as a research scientist in the field of solid and liquid propellant combustion.



Thomas L. Boggs



**COMMANDER'S AWARD** — Charles L. Frederickson (left) and Diane Scott (center) received the Commander's Award for Mission Support from Capt. K. A. Dickerson, NWC Commander, during recent ceremonies. — Photo by PH3 Rick Moore

**Scott, Frederickson earn award for efforts on Comarco contract**

Work on the Comarco Inc.'s omnibus contract earned the Commander's Award for Excellence in Mission Support for Diane Scott and Charles L. Frederickson. The presentation was made by Capt. K. A. Dickerson, NWC Commander, during a recent ceremony.

Ms. Scott, a contract specialist in the Contracts Division of the Supply Department and Frederickson, deputy program manager, Phoenix Office (Code 3609), were selected to jointly receive the prestigious Commander's Award for their exemplary effort as a team assigned to the Comarco contract.

In a letter recommending the award, Frederickson and Ms. Scott were commended for close collaboration and coordination that represented the single most successful effort by the Supply Department and its customers to break down the bar-

riers to communication and understanding between ordering and requiring personnel.

"Together they have implemented and improved the Delivery Order placement process in the Comarco contract. Through a re-education process with the customer codes, they have significantly improved the quality of Statement of Work (SOW) for delivery orders," read the letter in support of the award.

The pair was also credited with displaying the highest levels of ability and dedication.

Order processing time has been cut from an average of 17 days to just seven days since Ms. Scott's assignment to the Comarco contract.

Among Frederickson's accomplishments cited were development of a computerized contractor evaluation method, drafting a user manual that contains detailed explanations regarding personal vs. non-personal services, NWC policy on contracting and the training of contractor personnel.

"In summary," said the letter, "these two employees, working as a team, have demonstrated incredible energy, initiative and professionalism. Their concern with fairness to the contractor as well as to the government provided the balance required to administer the contract fairly and effectively during its difficult first year."

The Skipper praised the duo for their work on a difficult assignment as he presented the awards at the weekly Commander's meeting.

**Reservations being taken for Mich Lab award lunch Friday**

Monday is the last day on which reservations may be made to attend the Michelson Laboratory Awards luncheon that will be held on Friday, Jan. 18, at the Commissioned Officers' Mess.

The Michelson Laboratory Award recognizes technical excellence based on outstanding performance of individual duties. The award, which was established in 1966, is complementary to the Center's highest local award, the L. T. E. Thompson Award.

Reservations for the luncheon can be made by telephoning NWC ext. 2018 or 2592 no later than 4:30 p.m. Monday. Menu choices are a chef salad priced at \$3.75 or filet of sole, priced at \$4.25.

**Martin Luther King, Jr. memorial service Sunday**

Memorial services commemorating the birthday of Rev. Martin Luther King Jr., famed civil-rights advocate, are planned Sunday at 3 p.m. in the All Faith Chapel. The Union Baptist Church choir will sing. More information can be obtained by contacting Cathy Rogers at NWC ext. 3129 or 2348.

The keynote speaker will be the Rev. Gurney Hoggard of Valley Community Christian Church.

**Navy Hotline**  
for Fraud, Waste and Abuse  
Call: (800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 433-6743 (commercial)

## Diploma time Friday for adults enrolled in special course

Next Friday, Jan. 18, will be a very special day for the 51 military personnel and four civilian dependents who enrolled in the St. Louis High School program that began last Oct. 1 and finished Nov. 29; they all completed the course and are receiving their diplomas.

The ceremony will take place at the Center theater beginning at 1 p.m. and friends and family members are invited to attend.

Of the 55 who were enrolled, the dependents and 27 of the military personnel took the General Education Development test offered by Cerro Coso Community College the denotes high school equivalency, and all passed. These will receive diplomas for successful completion of the course.

Instructor Jerry Zies, who is employed by the Honolulu, Hawaii-based high school, started classes at 12:30 p.m. Mondays through Thursdays, and completed the second shift of instruction at 10 each evening.

With both daytime and an evening shift, students could be sure of being able to attend class despite work schedules. Many of the classes were also self-paced. The instruction centered on English and mathematics.

The program is designed not just to help anyone who has not completed high school to qualify for a high school diploma, but also to help those enrolled get higher scores for special tests such as the Armed Services Vocational Aptitude Battery (ASVAB).

Higher scores on such tests (as well as a high school diploma) mean that servicemembers have a better opportunity to enter ratings that have high requirements.

The same course will be offered at NWC again next summer through the Long Beach regional office of the school, which is affiliated with the Navy campus program. Both the Rocketeer and the Plans of the Day for NWC and Air Test and Evaluation Squadron Five (VX-5) will carry announcements prior to registration for the summer class.

## Housing Office moves

The Housing Office has moved from its old quarters on Blandly Avenue and is now open for business in its new building, diagonally across the street from the Training Center on East Inyokern Road.

Telephone extensions for the Housing Office are unchanged by the move.

## China Lake Police reports

A battery was reported Sunday. The victim reported that a male suspect kicked her in the lower abdomen and then fled.

### DRIVERS CITED

Unlicensed drivers found themselves in trouble during this past week. On Jan. 4 a driver was stopped in a routine traffic stop, and was found to be driving on an expired license. The next day, a driver who did not stop for "colors" in front of the Headquarters Building was pulled over by the police officer on duty and was found to be driving without a license, and a driver stopped for a routine traffic stop on Sunday also was driving without a license.

All the drivers were cited and released.

### WALLET TAKEN

Unknown persons removed a wallet stored in a duffelbag at the gym last Friday. The wallet and its contents were valued at \$20.

### SPEEDER ARRESTED

A China Lake police officer gave chase to a southbound vehicle on Sandquist Road leading away from Armitage Airfield Jan. 4. The high-speed chase resulted in the driver being cited for reckless driving.

### DOGS STOLEN

Dogs also figured in police news this week. A resident reported that an unknown person or persons entered his home on Jan. 4 and removed both a knife and the family dog. The dog returned home, but the knife,



**OUTSTANDING RECORD** — Gera Thomas, manager of the Ridgcrest office of the Automobile Club of Southern California, presents an Award for Excellence to Capt. K. A. Dickerson, NWC Commander, honoring the Center's outstanding pedestrian safety accomplishments. NWC had no pedestrian fatalities in 1983, for the 27th consecutive year, and no pedestrian injuries, for the fourth consecutive year. The 837 other communities of similar size (under 10,000 population) averaged 1.3 and 35 per 100,000 respectively.

## Reservations due for attendees at CAEP Users Meeting at Center

Nearly 300 persons are expected to attend the third annual Computer Aided Engineering Program (CAEP) Meeting set for Jan. 22-24 at the Naval Weapons Center.

Kay Farrell of the Computer Aided Engineering Support Office (CAESO) at NWC expects this third meeting to continue the successful pattern set in 1983 and 1984.

The three-day event includes a general meeting on Tuesday, Jan. 22 followed by two days of user group meetings where users can share solutions to known integration problems and exchange information on their programs.

Ms. Farrell stressed a need for advance registration by Center personnel who plan to attend the general meeting or any of the user group sessions. Pre-registration forms are available and any questions can be addressed to her at NWC ext. 3741.

Tuesday will start with a welcome from Burrell Hays, NWC Technical Director, at 9 a.m. in the Center theatre. John Denson, NWC CAEP manager, will report on the

program status.

Other speakers during the day-long general meeting will include Dale Christensen, director of NAVSEA CAD-CAM Division; Brad Smith of the National Bureau of Standards; Ron Covert from NWC; Dick Mau of Grumman Aerospace Corp.; Curt Stabenau and Petro Matula of the David Taylor Naval Ship Research and Development Center; and John Murray of General Motors.

Although both CAEP and CAESO are Department of Navy operations, a number of those attending are expected to be from the Air Force, other government agencies, and private industry.

NWC is hosting the conference because it is the lead laboratory for CAEP and the home of CAESO. Ms. Farrell noted that the Center oversees the largest CAD-CAM contract ever let, nearly \$100 million.

User groups that meet Wednesday and Thursday include: architecture, construction and engineering with Tim Kertis as the CAESO representative; electronic applications with Gene Lish as the representative; mechanical analysis with Dave Singh; mechanical design and drafting with Carl Kumano; numerical control with Clint Hill representing CAESO; communications with Cathy Rivera; and operations with Kay Farrell as group chairman and Gary Schmierer representing CAESO.

User meetings run from 9 a.m. to 4:30 p.m. each of the two days. Reservations to attend should be made in return of the advance registration form, or by contacting the CAESO representative for appropriate user group meetings.

Also scheduled is a no-host social hour and dinner at the Elks Lodge on Wednesday, Jan. 23. Reservations are needed for this function as well.

Advance registration forms should be returned to Code 3603D no later than Jan. 14, said Ms. Farrell.

Ms. Farrell also noted that the sessions were open to anyone interested, so long as they registered.

## Weather delays work of roofers on NWC housing

Center residents living in the North Old Duplex complex, in the SOQ housing or in the Site A Capehart housing can expect to find roofers working above them in the near future.

The work was delayed by weather — especially the snow. If the weather cooperates, any leaks in these houses will have been repaired by the new roofs before additional rain drips in.

## Expertise of CLMRG puts them on alert for Bolivian rescue

The outstanding reputation that the China Lake Mountain Rescue Group has earned in high altitude winter rescue work brought them an alert to assist with the recovery operations of victims of the Eastern Airlines crash in Bolivia.

At 8:45 a.m. on Thursday, Jan. 4, Bob Rockwell of CLMRG received a call from Sgt. Dave Rich, of the Air Rescue Coordination Center, Scott Air Force Base, Ill., who reported that the missing airliner had been spotted.

While no request for help had been received from the Bolivian government, the Air Rescue Coordination Center wondered if the CLMRG would be able and willing to field a team if that became necessary.

The airliner was seen at the 19,600-foot level of Mt. Ilimani (whose total elevation is 21,201 feet); no survivors were spotted. Team members to go on such an operation had to be fully winter-qualified and qualified to work at very high altitudes. Five of the nine CLMRG volunteers had been to that altitude or higher.

Volunteers who began packing in expectation of being called out included Bob Rockwell, Daryl Hinman, Tom Stogsdill, Bob Huey, Dennis Burge, Bart Hine, Bob Joy, Larry Gleason, and Frank Buffum, with Mary Wyatt serving as coordinator.

Arnold Gaffrey of the Sierra Madre Search and Rescue Team (who is currently president of the National Mountain Rescue Association) phoned to report that possibly 30 to 50 other MRA members from throughout the nation would be available to assist. In the event that only the CLMRG team went, the Sierra Madre team offered use of its high-altitude oxygen equipment.

Officially the CLMRG was taken off alert that same evening, but the team members remained packed and ready to leave throughout last weekend. If the Bolivian government does decide that it wishes assistance for possible recovery of bodies, CLMRG members will be ready to undertake the trip.

## Center's SAR helo, crew save life of injured dirt biker

The Center's Search and Rescue helicopter and its crew were credited last week with saving the life of a dirt biker who was injured in the warm springs area of the Saline Valley.

At 3:30 p.m. on Thursday, Jan. 3, the Inyo County Sheriff's Office at Bishop called and requested that the SAR helicopter be sent to pick up David Driskill, 25, of Bloomington, Calif., to take him to a hospital.

The man had received hip injuries and possible spinal injuries in a fall that he took while biking in the Saline Valley. Because of poor road conditions and the lengthy trip required by ambulance, air evacuation to medical care was in order.

By 4:05 p.m., the helicopter was airborne. The injured man was picked up at the Saline Valley and flown to Southern Inyo Hospital at Lone Pine.

Piloting the helicopter was Lt. Greg Friedrichsen, with Lt. Mark Eoff as copilot. Other crew members were AEAN Mark Keenan, ATAN Richard Johnston, AT3 Jack Hays, and HMS Janet Davis.

## IEEE talk by Dr. Lane rescheduled to Friday

The talk by Dr. Bill Lane originally scheduled to be given to the China Lake Section of the Institute of Electrical and Electronics Engineers today has been rescheduled due to Dr. Lane's illness.

He will now discuss "The Need for Continuing Professional Education" on Friday, Jan. 18, at 1 p.m. at the Management Center in Michelson Laboratory.

## Energy tip of the week

Repair leaky faucets as soon as possible. One drop a second can waste as much as 60 gallons of hot water in just one week.



## Military News



**ARMITAGE FIELD** — ABHI Tim House and ICC Johnny Williams (right) show off the display that recognizes Lt. John Armitage, part of the planned quarterdeck for the passenger terminal at the airfield. — Photo by PH3 Rick Moore

## AOs form an essential part of testing team

Engineers frequently receive recognition for developing ordnance. Pilots are constantly in the limelight for flying aircraft that carry explosives.

But of all of the people involved in the testing of weapons, one group invariably overlooked is the one that does the work necessary to ensure that any testing of ordnance is done safely and successfully. This essential part of the team is the aviation ordnanceman who loads the weapons onto aircraft.

Here at NWC, Air Test and Evaluation Squadron Five (VX-5) keeps its Ordnance Shop personnel quite busy. For the aviation ordnanceman (AOs), an average day lasts longer than the normal eight-hour shift that other shops are used to working. It begins and ends according to the schedules that the flight operations officer plans depending upon project requests and training missions.

Safety is a prime concern of the personnel in the VX-5 Ordnance Shop. Each time a piece of ordnance is loaded onto an aircraft, explicit instructions and a loading checklist are followed to ensure the reliability of the job.

Ordnance is loaded by crews, which consist of a certain number of personnel who are assigned to specific duties. A crew leader, normally a second class petty officer or above, has a checklist to be followed by those loading the ordnance, who are usually E-4 and below.

For safety measures, a first class petty officer, and in some cases a chief, follows along behind the crew leader to ensure that nothing has been forgotten or overlooked. Even after all of these precautionary measures have been taken, the loading process is examined once again by someone from quality assurance.

Accidents, which don't often occur, are prevented by constant training and strict adherence to loading manuals and checklists for the specific weapons and aircraft in accordance with the Non-Nuclear Ordnance Certification Program.

"People know it isn't the real thing when they load blue (inert) bombs, and they load them so often that they may get complacent," explained Chief Warrant Officer William (Dub) Pilkington, the VX-5 ordnanceman.

"It is for this reason that so many people are responsible for checking the loading



**EASY DOES IT** — Under the watchful eye of CWO3 William Pilkington (at right), A02 Michael Carver and A02 Gregory Tedder, of the VX-5 Ordnance Shop, carry out one of their typical tasks — the loading of a Skipper II missile on an F/A-18 Hornet aircraft for a test. — Photo by PH2 Dennis Mugglin

process," he said.

As for the amount of time that it takes to load ordnance onto an aircraft, "it depends on the size, weight, and configuration of the weapon," according to Gunner Pilkington.

Not only do the AOs load ordnance, they also do maintenance work on several parts of the aircraft, such as the bomb racks, and guns and missile systems. If these malfunction, qualified AOs repair them.

This is the area where complications may arise. An AO may be certified to load ordnance on all the aircraft his shop services, but he may be qualified to do maintenance on only one or two of the aircraft. When this is the case, personnel in the VX-5 Ordnance Shop may be sent to school to learn maintenance; thus increasing their versatility.

One of the advantages of being both certified to load ordnance and qualified to perform maintenance duties is that it is sometimes a factor in deciding who will be sent on detachments (DETS). These normally take place on aircraft carriers off both coasts of the United States, as well as at other Navy, Marine, and Air Force bases within and outside the states.

Depending on the test, between two and five men are sent on a DET. While the DETS allow for a change of scenery from

## Volunteer effort helps salute Lt. J. Armitage

Thanks to the efforts of ABHI Tim House and others at the Flight Support Branch of the Aircraft Department, visitors who come through the doors of the passenger terminal at Armitage Field will know whom the field is named after and why.

Petty Officer House, with the backing of ICC Johnny Williams, has started a project that will give the airfield an attractive and complete quarterdeck at the terminal.

Featured at the quarterdeck will be the photograph and biographical sketch of Lt. John Armitage that Petty Officer House helped turn into a display on the man who gave his name to the airfield.

A fully volunteer effort on the part of enlisted men of the branch, the display idea got support and assistance from Leroy Doig, III, of the Technical Information Department, and the Public Affairs Office.

With a goal of nothing short of the best looking quarterdeck he can create, Petty Officer House credited Chief Williams with the support that made the project possible.

It began with the discovery of a few brief sentences about Lt. Armitage and the

dedication of the field that was found in a training folder. Petty Officer House took it from there.

He noted the hardest part was finding replicas of the four medals Lt. Armitage had earned during his brief career, including the Silver Star and the Air Medal.

It was on August 21, 1944 that Lt. Armitage climbed into the cockpit of an SB2C aircraft for testing of the Tiny Tim air-to-ground rocket. During the second test of the rocket that day, the aircraft piloted by the young Navy officer suddenly nosed into a steep dive and plummeted headlong into the desert floor. No semblance of an aircraft could be found at the crash scene that day.

Even before the runways were cleared for use at the present location, the field was named Armitage Field in honor of the popular young aviator by the consensus of the pilots at the field and Capt. Sherman E. Burroughs, the commanding officer.

The two-month-long project to get the Armitage display completed concluded, fittingly enough, on what would have been Lt. Armitage's 65th birthday, December 14.

## Military Ball tickets now available

Tickets are now on sale for the CPO Military Ball slated for Saturday, Feb. 9, at the Chief Petty Officers' Mess.

The evenings entertainment will be provided by the San Diego Navy Band which

will play from 9 p.m. until 1:30 a.m.

Tickets to the annual event are \$13 per person and \$25 per couple and are available for purchase from the CPOM office. Tickets are limited and it is suggested that purchasers act soon.

It's easy to understand how that type of relationship can develop in the AO Shop. It is isolated from the rest of the squadron, off in its own little world. There is a lot of camaraderie among the personnel in the shop since they spend so much time together, even after working hours.

Naval Aviation Ordnancemen are one of the only two rates in the Navy that have national associations. The association holds annual conventions to keep abreast of new developments and changes both ashore and afloat.

VX-5 is regarded as a unique duty station when it comes to ordnance because of the wide variety of weapons that are tested, and the extent of the research.

According to Gunner Pilkington, "After NWC does the developmental testing, we (VX-5) test the aircraft systems and weapons far more stringently than the Fleet would in order to ensure that only good, reliable systems and weapons are accepted by the Navy for Fleet use."

Because of the wide variety of aircraft and ordnance that the AOs must be familiar with at VX-5, "they can leave this duty station and be sent just about anywhere because of the work they've done here," said A01 Cribb.

Gunner Pilkington added, "This is a prime training ground." — By Patty Vick

## Navy needs added enlisted volunteers for Master-at Arms

The Navy needs petty officers to convert to the Master-at-Arms rating to meet increasing world-wide physical security requirements.

Qualified second and first class petty officers are eligible. Important changes to the eligibility criteria include a waiver of the requirements to participate in the MA1 advancement examination and for second class petty officers to be "time-in-rate" eligible for advancement to PO1.

MA selection boards are convened semi-annually. The next board will convene Jan. 24. The last board in Oct. 84 selected 39 from 147 applicants to convert to MA2 and MA1.

Applications should be submitted to the Naval Military Personnel Command (NMPC 483), Washington, DC 20370-5000.