

GUITAR QUARTET TO CONCERTIZE — Members of the Los Angeles Guitar Quartet who will be featured in concert Tuesday night at the Center theater are (seated) Anisa Angarola and John Dearman and (standing I.-r.) William Kanengiser and Scott Tennant. All four are distinguished soloists. Their program will include solos, as well as selections

Cerro Coso offers varied classes in automotive technology, biology

"Automotive Tune-up," a course on the

theory of electrical systems and basic

testing and repair procedures, will be of-

A 1-unit "Applied Laboratory Procedure"

class is offered on Thursdays from 7 to 10

p.m. to those students who are enrolled in at

A class in "National History" will meet on

9, and steak kabobs tomorrow evening from 6 to 8:30.

Tuesdays from 9 to 11 a.m. and on Thurs-

days from 8 to 11 a.m. with Janet Westbrook

fered from 5 to 6 p.m. on Mondays.

least one other auto course

Wednesdays from 5 to 6:30 pm.

Cerro Coso Community College is offering meet on Thursdays from 5 to 10 p.m. a variety of classes this spring semester covering the subjects of automotive technology and biology.

New or continuing students may make registration appointments Monday through Thursday, from 9 a.m. to 5 p.m., by calling the college at 375-5001.

For those students hoping to improve upon their mechanical abilities, Earl Bennett will be teaching "Automotive Fundamentals" on Mondays and Wednesdays from 1:30 to 5 p.m.

Information on "Front End Alignment, Suspension and Brakes" for all types of four-wheeled vehicles will be covered in a class scheduled on Wednesdays from 5 to 10

A class entitled "Advanced Engine Theory and Machining Processes" will

Martin Luther King memorial service scheduled Jan. 15

A commemorative service honoring Dr. Martin Luther King, Jr., will be held in the All Faith Chapel at 4 p.m. on Sunday, Jan.

The service is sponsored by members of the Black Interest Group at NWC and the Union Missionary Baptist Church in Ridgecrest. The guest speaker will be Capt. C. R. Chambliss, Command Chaplain for the Naval Material Command.

Soloists Every Jo McClendon, Regina Lewis and Judy Donald will join with the Union Baptist Church choir in joyful gospel singing. Scripture readings and inspirational speeches will conclude the

Everyone in the community is invited to join in this service recognizing the principles of peace and brotherly love that Dr. King sought to promote during his lifetime.

NEX slates sale of items for children, infants Jan. 10-14

The 4 percent pay raise for military personnel, upcoming on paychecks to be issued on Jan. 13, will mean a bit more take home pay for Navy men and women.

To help struggling young families, the Navy Exchange retail store has scheduled a sale of items for infants and young children that will be held Jan. 10 through 14.

Cribs, car seats, clothing, toys, learning aids, and other items for children will be offered at significant savings.

As a further assist to families with young children, all infants' merchandise can be placed on layaway with no deposit required.

Guitar quartet to be featured in concert Tues, at Center theater

A richly varied and dynamic concert will bumper stickers on their vehicles will be Tuesday evening, starting at 7:30, at the main gate after 7 o'clock on the night of the

The ensemble, known as the Los Angeles Guitar Quartet, was brought together in 1979 by renowned guitarist Pepe Romero. Since that time, it has gained wide recognition through concerts and radio appearances and is about to release its first

The group recently performed a 44concert tour of Mexico under the auspices of the Mexican government. Next week's program here is the third in the 1983-84 series of six concerts being presented by the Indian Wells Valley Concert Association.

Tickets for this concert are on sale in Ridgecrest at the Music Man and Medical Arts Pharmacy, as well as at the Maturango Museum at China Lake. If not sold out, tickets will also be available at the theater Jan. 11, also in the Center theater. box office, which opens on the day of the concert at 4:45 p.m.

Single-performance tickets for the Los Angeles Guitar Quartet are priced at \$5 each for general admission. A reduced price of \$3 applies to persons under 21 or over 65 years of age, as well as to full-time enlisted military personnel.

Early purchase of tickets is recommended, since most of the seats in the theater have been reserved by season ticket holders, and the supply of singleperformance tickets is limited.

Some season memberships for the concert series are still available. Rates for the four remaining concerts are \$13.50 or \$11 each, depending upon seat location, with reduced prices of \$8 and \$7 for those under 21, over 65, or full-time enlisted military men and

Additional information on tickets or the Lloyd Brubaker will teach a course on concert can be obtained by calling the IWV "Wildlife Management" on Mondays and Concert Association, phone 375-5600. Concert-goers who do not have NWC

Weekend Roundup

Tonight, the country-western music of the "Easy Lovin'" band will highlight the

evening's activities at the Chief Petty Officers' Club. Dinner, featuring Icelandic cod and

items from the regular menu, will be served from 6 to 9 p.m., and dancing will follow

from 8:30 p.m. to 12:30 a.m. The CPO Club also will open for dinner from 6 to 8:30 p.m. on

2 to 4 p.m. at the Maturango Museum; all interested persons are invited to attend.

be presented by four gifted guitarists on able to obtain special-event passes at the

The performers who will be featured Tuesday night are Anisa Angarola, John Dearman, William Kanengiser, and Scott Tennant. All four are distinguished soloists who were chosen to perform in the historic Andres Segovia Master Class in 1981. In addition, they played for composer Joaquin Rodrigo in 1982.

For this concert, the Los Angeles Guitar Quartet's wide-ranging repertoire will include selections by Scarlatti, Bach, Stravinsky, Debussy, and various Spanish composers. Solos will be interspersed with selections by the full ensemble

The Quartet also will present a student program, nearly an hour long, that is scheduled to begin at 10 a.m. on Wednesday,

This student program is provided at no charge to the attendees as an educational service of the Indian Wells Valley Concert Association, made possible by contributions to the Student Education Fund.

Membership Night fete planned Jan. 13 at COM

Next Friday, Jan. 13, the Commissioned Officers' Mess will host its first Membership Night since reopening in December.

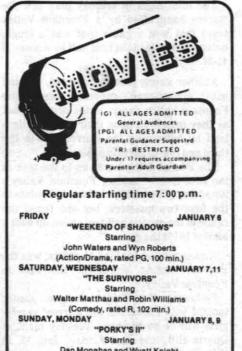
The buffet menu will feature chicken a la Kiev, served from 6 to 9 p.m., and dancing will begin at 8 o'clock, to the contemporary beat of "Sunlight."

Cost of the evening of dining and entertainment is \$5 for members and their spouses, and \$6 for guests. Deadline for purchase of tickets is 4 p.m. on Wednesday,

Program on quilt-making set at WACOM luncheon

On Tuesday, starting at 11 a.m., the Women's Auxiliary of the Commissioned Officers' Mess will host a luncheon and lecture at the COM. Reservations can be made by calling Bette Jacks at 446-4748.

Following a luncheon of quiche lorraine, Judy Mathieson, a nationally recognized quilt-maker, will present a lecture and film slide show about her art work. The price of the luncheon is \$5.50 per person.



MASTER PHOTOGRAPHER — William Fettkether adjusts one of the cameras he used to make the retrospective presentations from his 20 years as a professional photographer that are on display at the Sylvia Winslow Exhibit Gallery of the Maturango Museum from tomorrow until Feb. 9. A reception will be held to honor Fettkether on Sunday from



Highest SES Award goes to **Burrell Hays**

The rank of Distinguished Executive was conferred on Burrell W. Hays, NWC Technical Director, by President Ronald Reagan on Dec. 19 during a ceremony held in the Executive Office Building in Washington, D.C.

During his remarks at the ceremony, President Reagan noted that this year these awards were especially fitting because 1983 was the centennial of the establishment of the Federal Civil Service by the Pendleton Civil Service Act of 1883.

Referring to Federal Civil Service, the President said, "we reflect on the success of a system that has not only endured but risen given the responsibility of verifying the pects and deserves excellence from its Director (SLBD) primary mirror, before better met than in the Senior Executive Laboratory, Inc., in Santa Rosa, Calif.

"Through the hard work of these dedicated and talented men and women, the Senior Executive Service stands out as the best government has to offer and the Presidential Rank Awards stand as a recognition of the best of that elite corps."

President Reagan added that the ability of an administration to succeed depends on the energy, dedication and spirit of federal employees. "Government service is a partnership. In other words, a relationship between political leaders, who do most of the talking, and career employees, who do most of the work," he said.

Dr. Donald Devine, head of the Office of Personnel Management, then called each honoree forward, and the President personally presented the Distinguished Senior Executive Performance Award to each recipient

On his return to China Lake, Hays said that he felt the award honored the Naval Weapons Center rather than himself, (Continued on Page 3)

Civilian Rental rates on Center to go up Feb. 1

civilian shelter charges for Naval Weapons Center housing facilities has been received from the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif. The new housing rental rates will go into effect on Feb. 1.

A rise in the Consumer Price Index (CPI) requires an adjustment to the shelter rents established in the appraisal report of September 1979. The CPI is used for rental adjustments on all military family housing that is occupied by civilians.

The average increase is between 4 and 5 percent, which is the same as last year. Utility rates remain unchanged at this time. Active duty military personnel assigned to public quarters for which Basic Allowance for Quarters (BAQ) is deducted

are not affected by this changed in rental

See rental rate chart on Page 5.



Tech Director Award presented

Three employees cited for work related to focusing of laser energy on target

Department were the recent recipients of the Technical Director's Award for their combined efforts related to verifying the optical figure of a large and expensive mirror used to focus laser energy on a

Presentations of the Technical Director's Award were made by B. W. Hays in the Large Optics Facility of Lauritsen Laboratory during a ceremony attended by the department head (Dr. Ed Royce) and co-workers of the honorees.

The honorees were Dr. Harold Bennett associate head of the Physics Division in Code 38; Dennis Burge, a research physicist, and Joseph Shaffer, a physical science technician, both employed in the Physics Division's Advanced Optics Technology Branch.

During a six-month period in late 1982 and early 1983, the Naval Weapons Center was to meet the challenges of a nation that ex- optical figure of the SEALITE Beam public servants. This expectation is no and after its coating at the Optical Coating

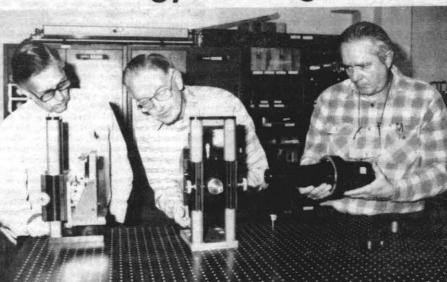
The optical figure of the mirror is a critical factor that determines the focal volume and, therefore, the power density achievable on the target.

In order to perform this task it was necessary to conceive, design and check out an entirely new interferometer system, to debug two software packages and make one of them operate with the new in-

In addition, it was necessary that the system be portable so that it would be usable at the Optical Coating Laboratory, where it also had to fit into the space available at the contractor's mirror coating

In accomplishing the task that was set before them, Dr. Bennett conceived a novel figure measurement system to be used under "field" conditions and within the limited space at the contractor's facility. He also served as a project leader and conducted the measurements and evaluation of the SLBD primary mirror.

Debugging this new program, it was pointed out by the head of the Research



3 RECEIVE TECH DIRECTOR'S AWARD—Dr. Harold Bennett (in center) places a lens in a lens holder in preparation for test work utilizing a new type of interferometer that is found in the Large Optics Facility of Lauritsen Laboratory. Dr. Bennett is flanked by Dennis Burge (at left) and Joseph Shaffer, all of whom received the NWC Technical Director's Award for their efforts that made it possible to verify the optical figure of a large mirror used to focus laser energy on a target. - Photo by PHAN Greg Hogan

According to Dr. Royce, who nominated all three Research Department employees for the Technical Director's Award, Shaffer played a key role in developing the new interferometer under severe time con-

Shaffer's inputs were critical, his department head noted, in obtaining a practical, working instrument and in planning the test procedures under which it would be used.

When the actual test was made, Shaffer's expertise in interferometry allowed him to record interference fringes from the primary mirror after others had given up on the tests," Dr. Royce wrote.

Burge took responsibility for the computer software packages and made these very complicated programs work, Dr. Royce added in reference to the contributions by Burge to the team effort for which the three men received the Technical Director's Award.

Col. John T. Tyler

Department, involved many interactions that Burge initiated between himself, the software writer and the hardware manufacturer. After the systems performed correctly here, he succeeded in setting them up at the contractor's mirror coating facility in Santa Rosa.

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NAVAL WEAPONS CENTER

CHINALAKE

In addition, Burge was the official Naval Sea Systems Command representative at OCLI for the mirror handling procedure, which resulted in safe handling techniques and a successful conclusion to the project.

The measurements and analysis performed by Dr. Bennett, Burge and Shaffer showed the mirror to have acceptable performance before the coating and that the coating did not significantly degrade the optical figure - leading to the conclusion that it can be safely installed and used in the SEALITE Beam Director.

"The Center has received congratulations from the three major contractor companies involved in this effort for accomplishing a task which they frankly considered to be

(Continued on Page 5)

Marine Col. Tyler is new Deputy Laboratory Director

USMC, is serving as Deputy Laboratory Director (Code 03A) in addition to being the Center's Marine Corps Liaison Officer.

"I'm very excited about this," he says. "All the Center is a team effort — and being a working part of that team is terrific." He adds that he sees Gerry Schiefer, the Laboratory Director, as an outstanding role model for his new job.

"Actually," Col. Tyler says, "I feel that I have been able to be at least part of the team already, since the Marine Corps is part of the Department of Navy, and the Navy and the Center all are working toward the same

Col. Tyler is replacing Capt. John D. (Doug) Burns, who retired from the Navy

Although he has been stationed at China Lake only since fall 1981, Col. Tyler says that his original contact with the Center occurred in 1957 when he used the local ranges for firing Sidewinder missiles. His squadron of FJ-4s was based at Mojave, where they were checked out on the then-

Starting this week, Col. John T. Tyler, new missile by a team from China Lake prior to practicing with them. high speed FAE weapons at Baker Range. He notes that he again had extensive as well as testing the Zero Antiaircraft contact with China Lake while he was at the Potential weapon that had been developed Naval Air Station in Patuxent River a little at the Naval Ordnance Laboratory at White more than a dozen years ago. At that time

Oak, Md.

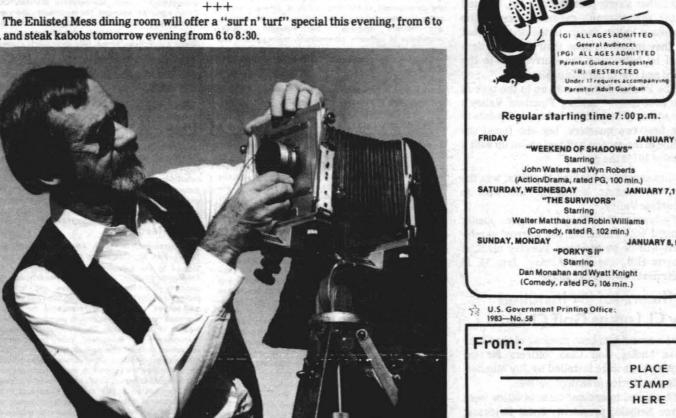
"I was very pleased to be sent here in 1981," he says, "and both my wife, Alice, and I are happy to be able to spend another year here."

Col. Tyler is a graduate of the U.S. Naval Academy Class of 1955, and has served in the Marine Corps since his graduation. He completed flight training at Chase Field in Texas in 1957, and is a graduate of the Test Pilot School at the Naval Air Station Patuxent River, Maryland, as well.

His assignments have included numerous deployments as well as service in Vietnam where he flew more than 200 close air support missions.

Prior to coming to NWC, he served as the Marine Corps Liaison Officer for Rear Admiral Paul McCarthy, the Aviation Plans and Requirements Officer for the Chief of

Naval Operations.

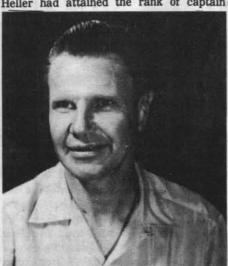


The death of Dr. Carl Heller in his China Lake home on the morning of Tuesday, Jan. 3, brought an end to a life marked by major contributions to his community, his country, and his field of chemistry.

Dr. Heller was best known in the local community and throughout California for his work with the China Lake Mountain Rescue Group, which he was instrumental in founding. Through his work with search and rescue organizations, he became active in teaching health and safety classes for the American Red Cross as well as teaching mountaineering classes so that others might also share the pleasure that he found in climbing. Dr. Heller was also active with

Boy Scouts. At the time of his death he was serving as chairman of volunteers for the Red Cross in the Indian Wells Valley; he had also attained a national reputation in that organization for services as an instructortrainer for first aid classes.

A combat veteran of World War II. Dr. Heller had attained the rank of captain



Dr. Carl Heller

in the Marine Corps at the time of his separation from active duty. Following the end of World War II, he received both his bachelor's degree and his doctorate in chemistry from New York University.

In 1983 Dr. Heller received the Navy Meritorious Service Medal for his work with free radical and combustion chemistry, his seminal work with chemiluminescence, and with specialized analysis that has particular application to ordnance and atmospheric pollution abatement. He held numerous patents.

He was born in New Rochelle, New York, Nov. 4, 1922. A lifelong bachelor, he is survived by his mother, Mrs. Gretchen Heller, and his sister, Mrs. Lois Adamsen.

A memorial service will be held for Dr. Heller tomorrow at 10 a.m. at the All Faith Chapel. In lieu of flowers, contributions may be sent to the American Cancer Society.

Navy Hotline

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

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personne Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in thi 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 Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-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, 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 rements 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

2/3, Code 6232 - This position is that of electrical engineer in the Range Engineering Branch of the Range Depart ment. The branch provides engineering support to the Center's ground, air and track test ranges in the areas of test facilities planning and the design, procurement, installation and modifications to test range facilities. Inmbent will prepare engineering designs for the nodification, fabrication, construction or installation of electrical test support equipment, fire control systems and electrical facilities for range test programs. Job Relevant Criteria: Knowledge and experience in design of electrical er secondary distribution and control systems, experience in design of operation of ordnance fire control systems, ability to plan, schedule and coordinate work; ability to communicate well both orally and in writing, ability to deal effectively with all levels of perso ncement No. 24-089, Police Officer, GS-083-5/6, PD

No. 8424001N, Code 2413 — This position is that of police officer in the Police Divsion of the Safety and Security Department. The incumbent will perform duties as a uniformed patrolman in the areas of both crime and traffic control and enforcement; will serve as armorer for NWC small arms and special weapons; conduct classroom and range instruction in the area of conventional small arms and special weapons; and will serve as range master for pistol and rifle range for both police and military peronnel. Job Relevant Criteria: Knowledge of police investigation and regulations; knowledge of conventional small arms and special weapons; experience as an in structor in both the classroom and field environment. experience in performing supply duties such as cataloging, filing, shipping and receiving and conducting inventories

cement No. 24-088, Lead Firefighter, GS-081-6,

PD No. 7824035N, Code 242 - This position is located in the Fire Division of the Safety and Security Department. Inent is crew chief of a 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 of fires in absence of higher authority. Job Relevant Criteria: Knowledge of fire prevention practices and aiblity to supervise and conduct inspections and identify fire hazards; ability to communicate with others e fectively both orally and in writing in working out solutions to problems or questions relating to the work; potential to tivate, train, and work effectively with subordinates who have a variety of backgrounds and training; ability to plan own work and carry out assignments effectively. demonstrated potential ability to plan initial attack including rescue and the efficient control and exshments of fires; knowledge of locations (streets, water distribution, alarm/detection systems, building ntents/layouts, etc.) This announcement will be used to establish the promotion register for Lead Firefighter, GS-081-6, which will become effective Feb. 1, 1984, and will

in in effect through July 1984. uncement No. 26-398, Supervisory Planner & Estimator (General) WN-4701-7, PAC No. 8026086E, Code 2612 — This is a temporary promotion not to exceed 1 year. Position may be made permanent at a later date. This position is head of the Planning and Estimating Branch (Code 2612), Maintenance Control Division, Public Works Department. The incumbent screens, processes, evaluates all customer generated work requests and job orders ceived from Production Management. Assigns work to the planners and estimators for the development of manpower and material estimates and preparation of detailed writeups for work accomplishment by shop forces Furnishes status of work assignments when required by ent. Counsels subordinates on all personne matters, including promotions, awards, training and disciplinary actions. Must be able to work with blueprints, shop math, and office equipment and must have a general knowledge of basic building trades. Job Relevant Criteria: technical practices; ability to interpret instructions, specifications, etc; knowledge of pertinent material; knowledge of pertinent tools and equipment; interest in lity to handle people problems (EEO). Note: nental Qualifications Statement is required along with SF-171 and may be picked up in the reception area of

the Personnel Department building, 505 Blandy.

Announcement No. 33-003, Electronic Engineer, DP-855-1/2, Code 3337 — This position is located in the Short Range Missile Fuze Branch, Incumbent plans and directs static and dynamic field tests including data reduction for the EX-412 Target Detector program. Tests will include sea

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake Captain K.A. Dickerson

NWC Commander

B. W. Havs Technical Director Dennis Kline

Public Affairs Office

Mickey Strang Associate Edito

PHAN Rebecca Gill **PHAN Greg Hogan**



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

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tower off the coast of San Diego. Job Relevant Criteria Ability to plan and direct field tests. Knowledge of data acquisition and reduction. Experience with infrared detectors is desirable.

cement No. 33-002, Interdisciplinary Electronics Engineer, Physicist, DP-855/1310-2/3, PAC Nos. 8133520, 8133521, Code 3313 — This position is located in the Radio Frequency Branch, Sensor Systems Division, Fuze and Sensor Department. The incumbent will serve as an electronics engineer/physicist and perform theoretical studies and computer simulations to explore and develop new concepts in RF mathematical modeling and antenna design techniques. Special emphasis is placed on RF scattering from air and surface targets and nnas mounted on such complex targets. Job Relevant Criteria: Knowledge of electro-magnetic fundamentals, specifically EM wave technologies which employ both Igorous and approximate solutions. It is highly desirable to have knowledge of Physical and Geometric Optics, Geometric Theory of Diffraction and the Method of Moments, as well as antenna design experience.

Announcement No. 33-001, Interdisciplinary Position DP-855/830/801-3, PAC No. 8233509E, Code 33302 - This position is that of Phoenix Technical Manager for second source, Fuze and Sensors Department. This incumber serves as the NWC focal point of Phoenix second source matters. The Phoenix Technical Management Office is responsible for the technical management, planning directon, coordination, and supervision for the technical and/or cognizance of the Phoenix components. Incumber s the focal point between NWC and NAVAIR concerning all second source program. The Deputy TM acts for the TN in his absence. Job Relevant Criteria: Experience in egotiation with other NWC elements, Navy activities, DoD agencies, and contractors for the purpose of defining technical and management objectives and controlling/reporting progress; ability to super vise/direct; an interdisciplinary professional ability to mmunicate both orally and in writing with all DoD; ility and willingness to support Naval Weapons Center EEO policies and goals

ment No. 35-217, Electronics Engineer, DP-855-3, PAC No. 8335565 E40, Code 3543 - This position is located in the Countermeasures Branch, Microwave Development Division, Electronic Warfare Department. The incumbent will lead the electronics design effort, supervised by the project engineer, for the Thread Radar Simulator (TRS subsystem of the Range Electronic Warfare Simulators (REWS) project; define interface requirements between and develop hardware for TRS minicomputer to REWS system computer as well as TRS equipment groups and ow-power modulator to high-power amplifier; select and integrate a computer-controlled RF modulator; design and regrate automatic test equipment to monitor and compare TRS signal parameters and isolate malfunctions/ allures; test and integrate all TRS electronic groups; and assist in integrating TRS into the REWS system. Some supervisory experience is desirable. Job Relevant Criteria: Knowledge of digital systems especially microcomputer system development (design, interface, and fabrication); knowledge of, and experience with minicomputer-controlled equipment, fiber optic

Training class



To enroll in the following classes students should submit NWC Training Request and Authorizati Form 12410 73, via department channels, to reach code 094 before the dicapped indicate need for first floor room location on

Developing Performance Work Statements, Jan. 16 to 20, from 8 a.m. to 4 p.m. at the Training Center - taught by Richard Sawyer, private contractor.

Negotiation Skills Workshop, Feb. 6 to 8, from 8 a.m. to 4 p.m. at the Training Center taught by Len Leritz, Development Services Corp.

Managerial Accounting, Feb. 6 to 10, from 8 a.m. to 2 p.m. at the Training Center taught by Bob Desmond, of Code 086.

Effective Planning Techniques, Jan. 30 to Feb. 3, from 8 a.m. to 4 p.m. at the Training Center - taught by Office of Personnel Management.

Does Age Hamper Careers? Jan. 25 from 8 a.m. to 4 p.m. at the Training Center taught by Dr. Muriel Shapiro, private

Assertion Training for Secretaries, Jan. 20 from 8 a.m. to 4 p.m. at the Training Center — taught by Cerro Coso Community College staff.

Positive Power and Influence, Feb. 14 to 16, from 8 a.m. to 4 p.m. at the Training Center — taught by Sam Campbell, private contractor.

echnology, RF/radar simulator systems; ability to in terface and communicate effectively with others. This is a readvertisement, previous applicants need not reapply.

January 6, 1984

Announcement No. 34-018, Supervisory Visual In formation Specialist, DP-1084-3, PAC No. 8134522 E99, Code 3403 — This position is head, Video Project Office, located in the Technical Information Department. The incumben is responsible for managing or coordinating one or more of the following areas: technical and management video presentation for sponsors and Center employees, special communication programs involving video technology equipment/technique recommendation services, audio/visual/videotape duplication/transfer, and videotape archives. Employees with demonstrated ex-perience communicating technical information in such elds as photography, audio-visual production, television production, motion picture production, and visual information are encouraged to apply. Job Relevant Criteria Ability to visually communicate technical information, knowledge of TID functions; aiblity to communicate effectively both orally and in writing; ability to supervise and provide leadership; ability to implement and ad ninister management policies; ability and willingness to support NWC EEO policies and goals. This is a readvertisement, previous applicants will be considered an Announcement No. 34-001-84, Supervisory Audio-Visual

Production Specialist, DP-1071-3, PAC No. 8334601 E35, Code 3444 — This position is located in the Presentations Development Branch, Presentations Divison, Technical Information Department. The incumbent writes and plans visual aspects of audio-visual presentations on NWG programs and facilities, conveying pertinent information to management and technical personnel. Recommends the most appropriate media and conducts literature searches and interviews to obtain information. Organizes presen tation data and writes script. Works with photographers, Illustrators, motion picture and TV production specialist Job Relevant Criteria: Ability to write audio-visual presentation scripts, knowledge of NWC programs and supporting technology; skill in interpersonal relationships with all levels of NWC employees; knowledge of audiovisual presentation techniques; ability and willingness to support NWC EEO policies and goals.

cement No. 26-001, Production Facilitating Clerk, GS-303-3/4, PD No. 8226029N, Code 26302 - Promotion potential to GS-5. This position is located in the Engineering Services Office, Public Works Department The incumbent assists with the processing of contracts, drawings, and space reports. Originates and maintain completed job reports on work requests. Inputs work request data to a remote terminal. Maintains drawing and project files. The incumbent also prepares and updates a Ability to type sufficient to perform data entry, knowledge of Public Works work request processing system; ability to deal effectively with others. (Applications will be accepted from status eligibles.)

Announcement No. 26-003, Insulator, WG-3610-8, JD No. 919. Code 26434 — Temporary Promotion not to exceed one year. Position may become permanent at a later date. Position is located in the Maintenance-Utilities Division of the Public Works Department. Incumbent covers boilers, pipes, tanks, refrigeration units and other objects with a variety of insulating materials including cork, magnesia. spun glass and other insulating materials. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to read, interpret, and apply instructions, specifications, and blueprints used in the trade; ability to use and maintain tools, equipment, and devices for determining where to cut, how to fit, how to work materials, etc.; ability to do the precise, theoretical, and/or artistic work of the trade. Supplemental Qualifications Statement, along with the SF-171, required and may be picked up at the Personnel Building, Rm. 100.

ouncement No. 39-047, Electronics Technician, DT-856-2/3, Code 3925, PAC No. 8139634 — This position is in the Remotely Piloted Vehicle (RPV) Technology Branch. The incumbent will participate as the leading project electrolled aircraft and on other RPV development projects The incumbent will design, develop, modify and test digital electronic subassemblies, components and circuits as a member of a project team involved in the development of prototype hardware. Job Relevant Criteria: Knowledge of et aircraft electrical and avionics systems. Knowledge of digital and microprocessor systems design and test Knowledge of WS6536D soldering standards and NWC quality control practices as applied to prototype hardware or aircraft systems. Ability to plan and direct system and flight tests. Ability to interface and communicate efectively with personnel at comparable levels in govern-

Announcement No. 39-048, Supervisory Interdisciplinar (General Electronics/Mechanical Engineer/Physicist) DP-801/855/830/1310-3/4, PAC No. 8339604, Code 3907 -This position serves as the Deputy Program Manager in the Tomahawk Cruise Missile Program Office. The in cumbent is responsible for assisting in the overall plan Cruise Missile efforts performed at the Naval Weapons Center. He/she performs as a line manager of the program office personnel and thus must assist the program manager in providing performance goals, assessments and other normal supervisory functions. Job Relevant Criteria: Must have a broad spectrum of technical knowledge of experience appropriate for cruise missile

(Continued on Page 7)



DIVINE SERVICES

Sunday Worship Service Bible Study (East Wing, Wednesdays 1130-1230 ROMAN CATHOLIC Sunday Mass Daily Mass (except Sunday 1630-1700 Friday 0745-0815 Sunda Religious Education Classes 1000 Sunday (Annexes 1, 2 & 4) JEWISH Friday (East Wing) UNITARIAN

Sunday (Annex 95, as announced)

Center gym gets facelift, work continues on remodeling project

The Center gymnasium and its facilities Enlisted Mess pool, and a small storage are in the process of getting a facelift.

renovated under a contract awarded to Desert Construction last October.

The north end of the men's locker room is being completed to match the rest of the softball fields, and permanent restrooms remodeling. Construction began under a previous contract in 1981, but was not completed due to lack of funds.

The weight room is another area of the gym that is receiving attention. A portion of the south end of the men's locker room has been turned into a small room in which some of the weight equipment will be used.

This expansion of the weight room provides more floor space so equipment can be spread out in order to reduce congestion. No new machines will be added to the extensive array of weight equipment that the gym already has.

While the first two gym renovation projects are taking place within the existing structure, the third one is an addition. An entrance/office is being added to the front of the building

The extra space will be used as an office to house the gym manager and the operations clerk. It will also be the entrance to the gym. This addition will separate the day-to-day business of the gym from the room in which equipment will be stored.

According to Paul Backiewicz, athletic director, the changes "will make it possible to improve our operations."

Included in the contract for renovating the gym areas are the building of a permanent structure to enclose the filter for the

Burros girls . ..

(Continued from Page 6)

quarter lead over Marina and led by the comfortable margin of 29-15 at the half. Following the halftime intermission, the Burros came through with a strong third quarter in which they scored 23 points and boosted their lead to 52-31, and then coasted to a 11-point win.

Four of the Burros were in the doublefigure scoring column at the conclusion of the Marina High game. Kinkennon tallied 17, closely followed by Cecilia Scanlan, whose best game of the season netted her 16. In addition, Kessler chalked up 14 and Andrea Veatch pumped in 10 points.

The final night of tourney play saw the Burros handcuffed by a Fountain Valley team that won a game that was a tough, defensive battle in the first half by a score of

Another strong pressing defense, coupled with man-to-man coverage, kept the Fountain Valley cagers in the driver's seat as they improved upon their 16-14 halftime lead by outscoring the Burros 25-9 in the third and fourth periods of play.

The Burros defense was up to the task in top scorer (Theresa Puchalski) to 3 points in the first two quarters, but she found the range in the second half and ended up with a total of 16 for the game.

Kinkennon, who tallied 11 points, was the Burros' leading scorer in the loss to Fountain Valley.

Following the Golden League opener tonight with Palmdale, the Burros' varsity girls will be on the road Tuesday night at Quartz Hill, and next Friday, Jan. 13, in their next two league games.

Officers for '84 installed by CL Ladies Golf Club

At a recent luncheon meeting of the China Lake Ladies Golf Club, officers for the coming year were installed by Jay Mueller, outgoing co-vice president for 1983.

Re-elected to another term of office were Joyce Seibold, president; Irma Erickson, secretary; and Karen Collins, treasurer. Eunice Emery will serve as vice-president for the coming year.

Sonja Guiliani was recognized as the most improved golfer in 1983. She cut her handicap from a plus 40 to 32.

area adjacent to the pool's existing Three areas of the gym are being restrooms. This construction will bring the facility up to the required standards. Other recreation facility improvements scheduled include new backstops at all four

ROCKETEER

fields. Bids presently are being sought for this work, which it is hoped can be completed in time for the summer softball Two new soccer fields, also in the Knox Road softball fields area, are completed

and will be open for youth activities in Plans are also in progress to refinish the

three racquetball courts. Men's Golf Club officers

to be introduced Jan. 11

New officers of the China Lake Men's Golf Club who will serve throughout the coming year will be introduced at a meeting to be held next Wednesday, Jan. 11, at 5 p.m. at the golf course clubhouse

Also on the agenda for this meeting will be the appointment of golf club members to serve on various committees during 1984.

Those interested in committee activities are asked to make this interest known by calling Jim Cantrell at the golf course, NWC ext. 2779, or Ev Yelland at 375-8276.



GOES FOR 4 MORE - MS3 Cynthia Allen, a cook at the Enlisted Dining Facility who has been in the Navy for four years, re-enlisted recently for a 4-year hitch during a ceremony that was conducted during a flight to Las Vegas. She elected to use part of her re-enlistment bonus to cover the cost of the trip by air to the entertainment mecca in Nevada. MS3 Allen returned to China Lake, where she has served for the past two years, in time to make connections for a cross-country jaunt to join the crew of the submarine tender USS Emory S. Land, which is homeported at Norfolk, Va.

Registration slated for course in Basic Rifle Marksmanship

The Sierra Desert Gun Club will conduct its annual Basic Rifle Marksmanship and Hunter Safety School at its facilities on the Center, starting on Jan. 15 and continuing for 12 Sunday afternoons from 1 until 4:30 o'clock. One additional class will be held on Saturday, April 7, from 8 a.m. until 1 p.m.

The course is open to all residents of the local area, with enrollment preference being given to students in the 12 through 17 age group. Maximum enrollment is 50 students.

Registration will be next Tuesday and Wednesday from 7 to 9 p.m., and also on Saturday, Jan. 14, from 10 a.m. until 2 p.m. in the lobby of the police station in Ridgecrest. Fees of \$30 for each student and \$5 per adult cover required equipment and materials, including targerts, ammunition and .22 caliber target rifle use.

The course places emphasis on safe handling of firearms, principles and practices of rifle marksmanship, and California State hunter safety requirements. Instructors are certified and licensed to issue Hunter Safety Certificates to students who successfully complete the course.

All handling of firearms and shooting on the rifle range will be conducted under the supervision of club instructors, who have been certified and approved by the NWC Safety and Security Department as certified

Promotional opportunities

(Continued from Page 2)

systems and knowledge of Naval Weapons Center management policies, procedures and mission. Demonstrated ability to provide direction and leadership to/for a vide variety of organizations and personnel on and off the Center. Ability to effectively interface and communicate orally and in writing with Naval Weapons Center management, high level personnel at other governmen Equal Opportunity Program (EEO), NOTE: If selection is made at DP-3 level the selectee will be given strong conideration for promotion to the DP4 level upon the availability of high grade billets.

Announcement No. 39-045, Interdisciplinary (Engineering Data Management Specialist/Computer Programmer/Computer Specialist) DS- 301/334-2/3, PAC No. to be assigned, Code 3922 — This position was previously advertised, previous applicants need not reapply. This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible supporting NWC and systems command program managers in the development, acquisition and mangemen of software and software documentation for missiles and other embedded computer resource applications. The incumbent will be responsible for supporting and advising department personnel on embedded computer resource and/or software acquistion, development, documentation, configuration management and product assurance; the incumbent will also be required to monitor contractor efforts in such activities. The incumbent will prepare or direct the preparation of plans, specifications, statements of work and other software documentation necessary for the development and/or acquisition of software and/or computer resources for Center weapons, weapons systems Knowledge of software development, management, and acquisiton process; software engineering practices; and relative DoD, Navy and Center standards, instructions and directives. Ability to prepare and/or analyze plans specifications and directives and apply such to the specific applications of various development projects; ability to nmunicate effectively both orally and in writing Promotion potential to DP-3 level; however, promotion is not guaranteed.

Announcement No. 39-046, Interdisciplinary (General

Engineer/Electronics Engineer, Computer Scientist, DP-801/855/1550-2/3, PAC No. to be assigned, Code 3922 — This position was previously advertised, previous applicants need not reapply. This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible for supporting NWC and systems command program managers in the development, acquisition and nanagement of software and software documentation for missiles and other embedded computer resource applications. The incumbent will be responsible for supporting and advising department personnel on embedded computer resource and/or software acquistion, development, documentation, configuration management and product assurance; the incumbent will also be required to nonitor contractor efforts in such activities. The cumbent will prepare or direct the preparation of plans. specifications, statements of work and other software documentation necessary for the development and/or acquisition of software and/or computer resources fo Center weapons, weapon systems and military equipment Job Relevant Criteria: Knowledge of software development, management, and acquisition process; software engineering practices; and relative DOD. Navy and Center standards, instructions and directives. Ability to prepare and/or analyze plans, specifications and directives and apply such to the specific applications of various development projects; ability to communicate effectively both orally and in writing. Promotion potential to DP-3.

Announcement No. 39-049, Interdisciplinary Position Supervisory (General Engineer/Electronics Engineer/ Mechanical Engineer/Aerospace Engineer/Physicist), PAC No. 8339576E, DP-3/4, Code 3941 — This position was previously advertised, previous applicants need not reapply. This position is that of head, Sensors & Platforms The branch head is responsible for the design, development, prototype fabrication, test and analysis of optical systems, sensors, trackers, search sets associated with electro-optical weapons systems. The incumbent is responsible for component development of infra-red detectors and infra-red materials. The branch is responsible for the design of stabilization systems and mechanical designs. The incumbent is responsible for maintaining a complete electro-optics prototype assembly facility composed of a class 100 clean room as well as a complete laboratory and ground-based field test capability. The incumbent serves as the designated project engineer for electro-optical seeker development used o air-to-air, surface-to-air, and air-to-surface missiles. Job Relevant Criteria: Expert in the area of imaging and nonimaging electro-optical detectors and sensor systems; familiar with the capabilities and limitations of the components that make up a missile seeker; understand the relationship that a seeker has with guidance section and the rest of the missile system; experience in infra-red development and engineering in both analytical and ex-perimental tasks; experience as a project engineer in lesign and development is required with demonstrated ability to coordinate and direct the efforts of Center and and policies. NOTE: If selection is made at the DP-3 level the selectee will be given strong consideration for promotion to the DP-4 level upon the availability of high

Announcement No. 08-052, Supervisory Manageme Assistant, GS-344-8/9, PD No. 8308015N, Code 0821 - The Incumbent in this position is the head, Records Management Branch, Management Division, Office of Finance and Management. The incumbent supervises 3 to 5 management assistants; is responsible for the im-Center's directives, forms, files and reports management programs and is the NWC liaison with the Publications and Printing Service, the SECNAV Records Management Office, the Navy Laboratories Records Management Office, GSA Archives and Records Service, and other activities and commands in matters related to records management programs. Job Rel Ability to supervise; thorough knowledge of the Navy's Record Management Program and its application to the Center's program requirements; knowledge of the Center's organization, functions, policies, procedures, and operations; facility in oral and written expression familiarity with laws, regulations and other requirements related to records management; ability to employ good judgment in the application of management theories, principles, and techniques as applied to records management; ability to work well with contacts from other agencies; interest in and support of the Equal Opportunity Program (EEO).

grade billets.

cement No. 36-94, Administrative Officer, DA 341-2/3, PAC No. 8336530E03, Code 368 — This position is ocated in the Administrative Office for the Product Assurance Division, Engineering Department. The incumbent identifies administrative and management problems within the scope of the division and recommends alternatives. Incumbent is responsible for project and overhead financial management, personnel managemen support for the division. The incumbent assists division management in manpower resource planning and projection, and participates in division administrative and management meetings. Other duties include providing ad hoc administrative support to department requirements. Job Relevant Criteria: Ability and knowledge in exercising fiscal controls under NIF system; experience in dealing with personnel actions and knowledge of personnel star dards and functions; ability to exercise originality and initiative in dealing with administrative problems, ability to administer management policies and guidelines; ability to meet and deal with personnel at all levels on Center; and ability to communicate effectively orally and in writing.

nent No. 36-95, Administrative Officer, DA 341-1/2, PAC No. 8336645 E44, Code 36017 - This position is located in the Engineering Support Contract COTR Office of the Engineering Department. The incumbent will assist ministrative aspects of the COTR's office. Incumbent will be responsible for: operation of the automated information processing/interface system; preparation and review of reorts for Center and department personnel; award fer procedures; review personnel qualifications, ensure CDRL data items are accurate and timely; establish and monitor surcharge budget; establish and maintain COTR file track delivery order status; and interface with DO technical representatives across the Center. Job Relevant Criteria: Knowledge of Center administrative process knowledge of Center financial and procurement systems ability to use computer terminal to input/print out data ability to communicate effectively orally and in writing demonstrated ability to deal effectively with people ability to exercise initative; skill in analyzing data.

Secretarial opportunities

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

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A upplemental 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 ncoming mail; ability to review outgoing and/or to prepare non-technical reports; knowledge of iling systems and files management; ability to meet the administrative needs of the office; ability to train derical personnel and organize workload of clerical staff processes; ability to plan and coordinate trave arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

ncement No. 00-035, Secretary (Typing), GS-318-4/5, Code 03 — This is an intermittent position located in the Office of the Laboratory Director and provides support to that office.

ncement No. 34-002-84, Secretary (Typing), GS-318-3/4, Code 3403 - This position is part time (20-30 hours) and provides support to the Video Projects Office.

Announcement No. 09-018, Secretary (Typing), GS-318-3/4 PD No. 8309033N, Code 0901 — This position is located in the Personnel Department Office and provides support to the Associate Department Head and Administrative Officer. Position will also provide clerical support to the EEO

Office when required. Promotion potential: GS-5. cement No. C-62-45, Secretary (Typing), GS-318-4/5. PD No. 8362015N Code 6235 - Status eligibles may

ment No. 32-092, Secretary (Typing), GS-318-5, PD No. 8432001 N. Code 3265 — This position is located in the Explosives Branch, Conventional Weapons Division, Ordnance Systems Department. The incumbent provides clerical support to fhe office and a knowledge and working skill on an IBM Mag Card II typewriter is preferable.

Announcement No. 32-093, Secretary (Typing), GS-318-

4/5, PD No. 8432002N, 8432003N, Code 326A — This position is located in the Bigeye Program Office, Conventional Weapons Division, Ordnance Systems Department. The incumbent provides clerical support to the office and a knowledge and working skill on an IBM Mag Card II



Youth Basketball League play opens at youth gym tonight

The 1984 season of Youth Basketball League competition gets underway tonight with two games at the youth gym between teams entered in the Intermediate Division (for 9- and 10-year-old players).

Tip-off time is 5:30 p.m. for a contest between the Nuggets and Celtics, and it will be the Spurs vs. the Bullets at 7 o'clock.

The four teams that make up the Instructional Division (for boys and girls 8 and 9 years old) will begin play on Saturday morning, also at the youth gym. It will be the Nets vs. the Bulls at 8 a.m., and the Suns vs. the Stars at 9:30.

Four other Intermediate Division teams also will clash on Saturday. Tip-off time for the Huskies vs. Knicks' tilt is 11 o'clock, and it will be the Pistons vs. the Rockets at 12:30

First action for the four-team Junior Division (for players 11 and 12 years of age) is scheduled Monday evening at the Center gym. It will be the Pacers vs. the Hawks at 5:30, followed by the Bucks vs. Trailblazers at 7 p.m.

A total of 16 teams and 165 players make up the Youth Basketball League. Games will be played on Friday and Monday nights, and Saturday mornings for nine weeks through March 5.

Meet your

NWC varsity basketball team

Phil Patton, a Navy man assigned to duty with Air Test and Evaluation Squadron Five (VX-5) is one of the new players on the NWC varsity basketball team.

Patton, a 6 ft., 4 in., forward, has been one of the leading scorers for the China Lakers in games played against other military teams, as well as in Intramural Basketball League competition.

Before joining the Navy a little more than a year ago, Patton played basketball for three years on teams at the Williamsport Area Senior High School in Williamsport, Pa., and for two years on the Lockhaven State College team in Lockhaven, Pa.

He also enjoys swimming, tennis and other outdoor summer sports. An Aviation Storekeeper Airman (AKAN) he is currently on special assignment to the Program Management Branch in VX-5's **Aviation Supply Department.**



Tough foe awaits BHS girls in league opener tonight

A new year and a new season of Golden League basketball opens tonight at the Burroughs High School gym for the Burros' girls' varsity basketball team.

The Burros, coached by Jack Clark, will take the plunge against their most formidable league opponent - the Palmdale Falcons. Tip-off time is 8 o'clock for the varsity clash, which will be preceded by freshman and junior varsity contests starting at 4:45 and 6:15 p.m.

point overtime win over the BHS varsity High Squad, but then suffered a 62-41 loss to girls, achieved during the Antelope Valley the Ocean View Seahawks. tournament that was played in early

For their part, the Burros, defending champions of the Golden League, will have the home court advantage tonight and hope to improve on their current record of 8 wins

Entered in the Edison Varsity Tournament (Dec. 27-30) at Marina High School The Falcons will be coming to town with in Huntington Beach, the Burros got off to a the assurance that they already have a 2- rousing 67-34 victory over the Westminister

the chance to play. The Burros got off to a 20-6 first quarter lead and the outcome of the game was never in doubt. In addition to a 20-point first quarter, the Burros hit 21 in the third period and 17 in the final 8 minutes of action to win, going away, by a 33-point margin. Kristell Kinkennon set a new BHS scoring record of 27 points in the Westminster game as she popped in 12 field goals and 3 of 4 charity tosses. She got the Burros' scoring parade rolling with 10 points in the first

The Burros rebounded from that setback

to post a 60-49 win over Marina High, but

then came out on the short end of a 41-24

final score in their final tourney tilt played

The Westminister game provided Coach

Clark with the opportunity to get a better

idea of what his reserves can do during an

actual game, instead of practice, as he was

able to clear the bench and give everyone

on Dec. 30 against Fountain Valley.

period of play. When the starters were in the game for Burroughs, they outscored Westminister 20-6 and 21-4 in the first and third quarters, while the reserves on the BHS squad more than held their own against Westminster of the Sunset League.

Connie King, who chalked up 12 points on 6 field goals, was the only player for Burroughs, in addition to Kinkennon, to make it into the double-figure scoring column as the Ridgecrest team's scoring was spread around among a total of nine

Charlene Kessler was the mainstay of the Burros' offense with 20 points, while Kinkennon added 11.

Ocean View, a CIF Class 4-A school, took care of the Burros with a full-court press that bothered the Ridgecrest team, which trailed 17-13 at the end of the first quarter and fell further and further behind as the game progressed.

Ocean View, Coach Clark said, was the strongest team the Burros have met so far in the 1983-84 season - having good height as well as being a talented group of players.

The Seahawks, led by Karen Chase, who scored 27 points, built up a 34-23 halftime lead and were on top (50-36) after three periods of play before outscoring the Burros 12-6 in the final 8 min. of the game. With a lopsided loss to Ocean View behind

them, the Burros clashed next with the host Marina High cagers and handled them nicely to the tune of a 60-49 victory. Ridgecrest team opened up a 16-6 first-

(Continued on Page 7)

Janet Pande, who had 11 points. Burros boys open league season at Palmdale

INTRAMURAL BASKETBALL RESUMES — Following a brief layoff for the Christmas-

New Year's holiday season, Intramural Basketball League play resumed Tuesday night

at the Center. In the first game of the evening, the Simutech Turtles defeated the

Athletes in Traction by a final score of 44-34. The Turtles' Cliff Stone (nearest camera

going for rebound) was the game's high point man with 18, followed by Dennis Henden, a

teammate, who tallied 15. In the above photo, the defender closest to the ball is Mike

Klassen. Leading scorers for the Athletes in Traction were Tim Higgins with 14 and

The Burroughs High School's varsity 37) after three quarters of play. The best individual effort of the season - hitting on Thursday of last week with a 56-54 loss in win the game. a return match with Victor Valley, embarks Daniel Means, stellar guard for Buron the defense of its Golden League title tonight on the Palmdale Falcons' home

Freshman and junior varsity contests starting at 4:45 and 6:15 will precede the 8 p.m. tip-off for the varsity clash.

Competing in the annual Kiwanis Tournament during the week after Christmas, the Burros, whose record now stands at 4 wins and 6 losses, sandwiched in a 72-56 win over Eisenhower High between the aforementioned narrow loss to Victor Valley and a 56-53 defeat by the Apple Valley High School

In their first tourney tilt against the Apple Valley Sundevils, the Burros were up against a tall front line that include a 6 ft., 6 in. post, and a pair of 6 ft., 5 in. forwards.

In spite of the advantage in size held by the Apple Valley starting five, the Burros were outrebounded by just 40-38. Where the Ridgecrest team came up short, however, was in the free throw shooting department.

The Sundevils cashed in on 14 of 29 at the free throw line, including their last 6 points in this close contest, compared to 9 of 19 for the Ridgecrest team.

Apple Valley led 29-27 at the half in this nip and tuck tilt, and the score was tied (37-

boys' basketball team, which closed out its Sundevils then proceeded to outscore the 6 field goals and 3 out of 4 free throws for a Christmas holiday tournament competition Burros 19-16 in the final 8 min. of action to total of 15 points. Top scorer for the Eagles

- Photo by PHAN Greg Hogan

roughs, was the game's high point man with in the tournament at San Bernardino, the Celestine scored 11 for the Burros.

The Sundevils were led by Bobby Richards, one of their 6 ft., 5 in., forwards, who tallied 18. In addition, Cary Porter and Steve Riddle pumped in 14 points each for

Breaking a three-game losing streak, Means led the Burros to a 72-56 win over Eisenhower High on Dec. 28.

Means, an all-CIF Class 2-A player last season, got the Ridgecrest team rolling with a 14-point scoring effort in the first quarter. and popped in a total of 30 before the final buzzer sounded.

The Eisenhower Eagles made the mistake of trying to use a man-to-man defense, with just one player guarding Means, and he the BHS varsity's inability to cash in on free quickly demonstrated his ability to get loose throws in the fourth quarter. The Burros hit for a shot at the basket.

Sparked by Means' example, the Burros came together as a team to play one of their portunities), while the 'rabbits collected 6 of better games so far this season. The Ridgecrest cagers played well on defense, particularly in the third quarter when they outscored Eisenhower 15-9 and built up a 54-

Monty Zarlingo came through with his 18 and 11 points, respectively.

was Randy Carter, a guard, who tallied 17.

In a contest for the consolation round title 21, while Dan Grattan tallied 12, and Allan Burros were edged 56-54 by Victor Valley on Dec. 29. This evened the score this season for these two teams, since BHS had knocked off the Jackrabbits 57-48 during a home game for the Ridgecrest squad on Dec. 9.

The play of Kurt Story for Victor Valley was the big difference in the outcome of this second Burros vs. Jackrabbits' tilt. After the Ridgecrest team got off to an 18-13 first quarter lead, Story found the range and scored 13 of Victor Valley's 19 points in the second period of play - sparking the 'rabbits to a 32-26 halftime advantage.

The Burros came back with a strong third quarter to regain the lead 43-42 to set the stage for the final 8 min. of action.

Crucial to the outcome of the game was just 3 of 7 charity tosses in the final period (missing on the front half of four 1-and-1 op-

Story, the Victor Valley center, was the game's high point man with 30 on 10 field goals and 10 of 12 free throws. Means and Mike Bailey led the BHS scoring effort with

The Skipper sez



January 6, 1984

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 employ 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-

Civilian - I was wondering, especially since this is Security Alert Week, we've been hammered on a lot lately for making sure that our passes are in good shape. You've given the guards the right to punch them and have them replaced. So far I've never had a pass that lasted to the date without falling apart despite laminating. Secondly, while we're being badgered so much about our passes, why is it when you go into the pass office, nobody's required to wear them?

I was in the Security Building obtaining a pass for my daughter and, while it may not be a secured area or a restricted area, I was walking around and I noticed the people who I was talking to and to whom I'm giving information of a personal nature. I counted nine people, eight of whom had no passes. One had a pass, and it was a confidential clearance on a secretary. I was just wondering why they can get away with that when it's being stressed so much?

Generally, NWC passes are issued for three years. In most cases the pass will last for three years unless the employee works in areas where environmental conditions affect the pass. Also, some passes wear out because of abusive treatment. If the lamination on a pass begins to deteriorate, the pass can be relaminated or

Guards are required to take action, when such a pass is observed. Employees are encouraged, however, to take action before this occurs.

The second part of your question involves wearing passes in restricted security areas. The Security Building, which houses the Badge and Pass Office and Code 24 Department offices, is a building that is open to the general public and the wearing of passes is not required. In short, it is not a restricted area.

Many people who conduct business in that building do not possess passes and there is no reason to require it at this time. You do, however, make a good point about the public being able to identify a security person when they are conducting business. The Security Department has been exploring the possibility of wearing a distinctive name tag for ease of identification.

Civilian - The recent survey briefings used 71/2 man-years of Center's employees' time to just attend the security seminar. How much "bang" did the taxpayers receive for this buck, which is estimated to be approximately \$250,000?

It is not always easy to place a value on education and training. This is particularly true of security training. We are rarely able to measure when specific training inhibits a serious security infraction or violation. We do know, however, that great damage and expense is caused when security breaks down and there is a loss of information, material, and sometimes lives.

What dollar amount would you place on a life lost in combat because of a breach of security? Navy regulations (specifically OPNAV Instructions) mandate annual refresher briefings for all personnel with access to classified information, an annual counter-intelligence briefing for all personnel, and a Naval Investigative Service counterespionage briefing for all persons with a Secret or higher clearance, every three years. In addition to other objectives, Security Alert Week accomplished all of these requirements.

Civilian — I would like to know why the lights are not turned on at Bennington Plaza during the dark hours. I noticed many, many persons parked, utilizing the gymnasium every morning along with the fact that the snack bar is also open. The parking lot is extremely dark with absolutely no lighting turned on at all.

The same situation applies to the theater, that has occasional evening events. I know of a couple of people who have been seriously injured after stepping off the curb, due to the lack of lighting. I realize the government is energy aware, but isn't safety worth anything?

You are right, the lights are on a timer and we have not been monitoring the time closely enough to correspond with sunset as the days grow shorter. The lights have now been adjusted. As with any system you can have failures and we did have a tripped circuit breaker sometime between Oct. 24 and Nov. 17.

To eliminate the need for constant resetting of these timers photo sensing relays will be installed in the not too distant future.

Hays receives SES Award . . .

(Continued from Page 1)

pointing out that in the four years since the Distinguished Executive Award has been established. Bob Hillver, former Technical Director, and Dr. James Colvard, currently Deputy Chief of Naval Material Command and also a former China Laker, have been among its recipients.

Hays went on to say "the dedication of all Center personnel to perform their work is outstanding as is the Center's ability to provide work assignments, career development, and training opportunities. It is these characteristics that lead to such recognition for the Center."

According to the citation, Hays was selected for his outstanding technical and leadership skills in major weapons systems development and his immense and varied contributions to naval aviation.

and perseverance in pursuit of technological innovations, pre-planned product improvement, improved production techniques, and quality assurance, great increases in productivity and savings in production costs of weapons systems have been achieved."

The citation also notes that through Hays' efforts, improved reliability and maintainability of naval weapons systems have resulted in significant increases in the availability of weapons to the Fleet.

Hays, who became Technical Director in 1982, began his career at the Naval Weapons Center as a Junior Professional employee in

The rank of Distinguished Executive may be conferred on 1 percent of members of the Senior Executive Service each year, but only 36 men and two women, less than half of one percent of the SES members, were It says "through his initiative, foresight, singled out for that distinction this year.



TID BRANCH HEADS HONORED — Five employees who head branches in the Field Service division are the latest recipients of the Commander's Award for Excellence in Mission Support that were presented by Capt. K. A. Dickerson (at left). Those honored are (I.-r.) Leo W. Montano, Helen C. Cornett, Russell F. Bushnell, Norma D. Fritchman, -Photo by PHAN Greg Hogan

5 TID branch heads singled out to receive Commander's Award

Five branch heads in the Field Services Although the Field Branches support the Division of the Technical Information Department were the recent recipients of the Commander's Award for Excellence in Systems Department from Field Branch 1, Mission Support.

Presentation of the awards by Capt. K. A. Dickerson, NWC Commander, took place at tronic Warfare Department from Field a meeting of department heads and other senior officials of the Center that was held on Dec. 5 in the Management Center of Michelson Laboratory.

The honorees were Leo W. Montano. Russell F. Bushnell, Norma D. Fritchman, Robert L. Reber, and Helen C. Cornett who are the heads of Field Branches 1 through 5, respectively

Each of the recipients accepted the Commander's Award on behalf of their coworkers, as well as themselves, recognizing that it was not for their sole efforts that this special honor was being bestowed.

The award included letters of commendation and pyramid-shaped paperweights that were presented by Capt. Dickerson. The award recipients were cited for handling a high volume of work and, despite the press of last-minute deadlines, continually delivering quality products.

The letters of commendation stated, in part: "It is through the dedicated support of your field-deployed units that a substantial amount of technical graphics, writing and editing, and other documentation products are developed.

"The consistent response to project, management, and staff personnel has resulted in a wide variety of professionally executed graphics and documentation products that support the many projects and programs for which NWC is well known."

DISTINGUISHED VISITOR - Admiral Steven A. White, Chief of Naval Material, is about to take his chair at a working luncheon in the Commissioned Officers' Mess during his recent visit to NWC. Admiral White was given a Center overview and briefings about projects and programs.

entire technical community, a majority of support is provided to the Ordnance to the Weapons and Engineering Departments from Field Branch 2, to the Elec-Branch 3, to the Aircraft Weapons Integration Department from Field Branch 4, and to the Weapons Planning Group from Field

Questionnaires sent to Center personnel due back by Jan. 13

A questionnaire mailed to Center personnel in early December is due next Friday, Jan. 13, and anyone who has not yet returned the questionnaire is asked to complete it and mail it to Code 08X prompt-

These questionnaires were mailed to all personnel who are in the Demonstration Project and to clerical employees and others not covered by collective bargaining.

According to Dr. Ed Alden, the responses to these questions enable managers to see how NWC personnel perceive the organization as a whole as well as indicating the state of its organizational health.

While all responses to the questionnaire are confidential, anyone who would prefer not to answer the demographic questions about where on Center the responder is employed is asked to fill out the rest of the questionnaire anyway.

Survey results will be released to all branches and above for open distribution and copies will be on file at the Technical Library along with the results of the previous questionnaires.

Anyone who would like to comment about the survey, or who wishes further information, is asked to telephone either Dr. Alden at NWC ext. 2409 or Bob McKenzie at NWC ext. 2319.

Reservations due for Michelson Lab Awards luncheon

Naval Weapons Center employees and military personnel interested in attending the Michelson Laboratories Awards luncheon have until 4 p.m. Tuesday to make reservations for this event by calling NWC ext. 2634.

This award recognizes technical excellence based on outstanding performance of individual duties. Established in 1966, the Michelson Laboratories Award is complementary to the Center's highest local award the L. T. E. Thompson Award, which honors the memory of the first Technical Director at what was then the U.S. Naval Ordnance Test Station.

The award luncheon will be held next Friday, Jan. 13, in the Mojave Room of the Commissioned Officers' Mess.

CAEP PREPARATIONS — Getting ready for the upcoming 2nd annual Computer Aided Engineering Program (CAEP) User's meeting are Terri Glove (seated) and Carl Jacobson, both of the Computer Aided Engineering Support Office (CAESO).

Computer aided engineering user group to hold conference here

The Naval Weapons Center will host the complete the day's program with "Building second annual Computer Aided Engineering Program (CAEP) User Meeting on Tuesday, Jan. 17, to be followed by two days of working group meetings on Wednesday and Thursday, Jan. 18 and 19.

Center personnel are welcome to attend any of the meetings or the reception and dinner to be held at the Chief Petty Officers' Club on Tuesday evening at 6 p.m., but reservations are required to attend any of the events or meetings. Reservations must be made by telephoning the Computer Aided Engineering Support Office (CAESO) no later than the close of business Monday, Jan. 9, at NWC ext. 3741.

These annual meetings are designed to allow users of computer aided engineering to share information and solutions to various integration problems. Although CAEP/CAESO is a Department of Navy operation, a number of personnel from the Department of Air Force and other agencies are expected to attend.

NWC is hosting the conference because it is lead laboratory for CAEP and the home of the CAESO. When CAEP was established in October 1981, it was funded at \$62.9 million; so many requests have been received for this useful design tool that funding has been increased to \$99.99 million.

The conference will begin at 9 a.m. on Tuesday at the Center theater with a welcoming address by Burrell Hays, NWC Technical Director.

Dale Christensen, NWC CAEP Manager, who is chairing the conference, will then present a CAEDOS Program Status and

Other speakers during the morning session include Elvin Mix, Engineering Manager, CAD/CAM Applications for Boeing Aerospace Corp., speaking of "Boeing Aerospace Company CAD/CAM Configuration and Operations:" and Richard Summer, Supervisory Engineer of Interactive Graphics Systems Operations, Westinghouse Electric Corporation, presenting an "Overview of Interactive Graphics Project at Westinghouse Defense and Electronics Center."

Following a luncheon break, at 1 p.m. Bradford Smith, IGES Program Manager for the National Bureau of Standards, will discuss "Testing of IGES Translators;" Albert Lipinski, Industrial Specialist at NWC's CAESO, will speak on "Who, Me, A Trainer?"; and Carl Jacobson, a mechanical engineer at NWC's CAESO, will



(Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!

41 pass exams, frocked to new petty officer ratings in Navy

were presented recently by Capt. K. A. AD2 David Poteet, AQ2 Andrew Smith, Dickerson, NWC Commander, at a AMS2 Robert Stanard, AQ2 Kevin Williams, ceremony during which 41 enlisted per- AMS2 Gary Newcomer, AZ2 Krystal sonnel were frocked to first, second or third class petty officer ratings.

These advancements are based on Navywide examinations that were administered last September. The new ratings will become effective in six increments -January through June - depending upon the individual's exam score.

Those due to be advanced to first class petty officer are PR1 William Leuallen, AO1 Alex Rhinehart, AMS1 Daniel Eilertson, and GMM1 Stephen Ritchie.

Those frocked to second class are ASE2 Sandra Busse, AO2 Tommy Davis, ABH2 Uptergrove, AMH3 William Cullen, and MS3 Randall Herr, AO2 Clayton Lihilihi, AD2 Tammi Phillips

Certificates and letters of congratulations Maurino Mirador, ET2 Alden Partridge, Semmons, MS2 James Strohl, ET2 Steven Wyatt, RM2 Tomas Macias, and AZ2 Vicki

Those who passed the exam and will be entitled to wear the insignia of 3rd class petty officers are: AO3 Vicki Barnes, AMS3 Thomas Sanford, RM3 David Bell, AO3 Leroy Blakey, AD3 Hamlet Brito, RM3 Timothy Bryant, AE3 Edward Downes, AMS3 Robert Dupre, ASM3 Rory Ewing, Dale Oran, AME1 Donald Traeger, AQ1 EN3 Lebrone Flippin, AE3 William Harmon, RM3 Donald McKernon, PR3 Joshua Orcutt, AE3 Timothy Webster, AE3 Robert Goodman, AMS3 David Price, AK3 Vicki

China Lake Police reports . . .

A burglary in BEQ-3 was reported shortly before 10 p.m. on Sunday, Dec. 25, by the occupant of Room 321-C who returned to find that a camera and tripod had been stolen from a locker inside the room.

There was no sign of forced entry - either into the room or into the locker, which had been secured with a lock. Value of the stolen items was set at \$450.

SAFE BADLY DAMAGED

Unknown persons failed in an attempt to open a locked safe at the China Lake golf course pro shop. This incident, which was reported at around 7 a.m. on Tuesday, Dec. 26, resulted in \$1,200 damage that was caused by person or persons unknown who tried to saw the hinges off the strong box.

13 DUI ARRESTS MADE During the month of December, China Lake police made 13 arrests of motorists who were charged with driving under the influence (DUI) on the Naval Weapons

FALSE ALARM SET OFF An unknown person set off a fire alarm box, located at the southwest corner of Lexington Avenue and Essex Circle, shortly before 6 p.m. on Dec. 19. The cost of rolling

out Fire Division equipment and other

emergency personnel for this wasted effort

THEFT OF MEAT THWARTED

Commissioned Officers' Mess reporting the possible theft of meat. The detectives located frozen cuts of prime rib of beef and top sirloin steaks in the back of a vehicle belonging to an employee of the COM.

The subject and the meat were taken to the police station for further investigation, and a complaint will be sought through the District Attorney's Office. The meat was valued at about \$100.

GOV'T PROPERTY RECOVERED

Government property having an estimated value of \$5,000 was recovered late last Friday afternoon by China Lake police, who were called to check out a garage behind the empty residence at 2012 Shangri

Found inside the empty building were solvents, paints and an unknown type of explosive device. Investigation of this matter was turned over to the local office of the Naval Intelligence Agency.

POT SMOKER ARRESTED

A subject was observed smoking what appeared to be a marijuana cigarette near the southeast corner of the galley on Tuesday, Dec. 20, at 1:55 p.m. Subsequent investigation showed that it was a marijuana cigarette and that the individual had 1.8 grams of marijuana in his possession. He was apprehended and turned over to the Chief Master at Arms to be Shortly after noon on Thursday, Dec. 22, transported to San Diego and turned over to

Navy Commendation Medal goes to Cdr. Taylor

recent recipient of the Navy Commendation for vastly improved student knowledge." Medal - an award that was presented to him on behalf of Adm. James D. Watkins, Chief of Naval Operations, by Capt. R. P. organizations produced instruction with the ding Officer of Air Test and Evaluation Squadron Five (VX-5).

Mechanical Part Libraries Through Real-

The reception at the CPO Club will begin

at 6 p.m., to be followed by a prime rib of

beef dinner at 7 p.m. Speaker for the

evening will be Robert Gothie, Vice

President/General Manager at North

American, speaking on "Computervision -

Cost of the dinner and no-host reception is

The working groups will meet from 9 a.m.

until 4:30 p.m. each of the two following

days. Reservations are required to attend

be made by contacting the appropriate

CAESO representative at NWC ext. 3741.

any of the working group meetings, and can

Chairing the Electronic Applications

working group is Chuck Oldfield, head of

NWC's Computer-Aided Engineering Ser-

vice Center (Code 3657) in the Technical

Data Division of the Engineering Depart-

ment. Contact CAESO representative to

sign up for attendance at this group is Gary

Other working groups and the contact

persons include: Architecture, Construction

and Engineering, Bob Sisson; Mechanical

Analysis, Dennis Giesen and Ross Bur-

chard; Mechanical Design and Drafting.

Carl Jacobson: Numerical Control, Clint

Hill; Communications, John Benson; and

Operations, Kay Farrell and Steve Skinner.

Time Parametric Part Generation.'

\$12 per person, paid in advance.

Future Directions.

The presentation took place during a VX-5 morning quarters ceremony.

Cdr. Taylor, who is currently assigned to VX-5 as the VSTOL (Vertical Take Off and Landing System Officer for the AV-8B Project) was commended for his service with the Marine Corps Development and Education Command (MCDEC) in Quantico, Va., for the period from September 1981 through May 1983.

Wearing a number of "hats," Cdr. Taylor was the senior instructor in the Amphibious Instruction Department's Navy Instruction Division, and Navy advisor to the Director of the MCDEC Education Center.

"As a direct result of his professional knowledge and dynamic leadership, Navy instruction improved to an unsurpassed level, culminating in a far superior understanding and appreciation of the Navy-Marine Corps Team," it was noted in the citation that accompanied the Navy Commendation Medal.

In addition, the citation notes that Cdr. Taylor's "committment to improved amphibious wargaming exercises at the

Cdr. Malcolm P. Taylor, Jr. was the Education Center were directly responsible

The citation continues, "His constant research and continuous liaison with Fleet College, MCDEC, Quantico, Va. most current innovations and techniques introduced into the operational Navy.'

Navy, Cdr. Taylor was transferred to China Lake from Instructor Command and Staff

Cdr. Taylor, who was accompanied here snow skiing, tennis, racquetball, and flying.



SINGULAR HONOR - Capt. R. P. Flower, (at left), Commanding Officer of VX-5, congratulates Cdr. M. P. Taylor, Jr., on his receipt of the Navy Commendation Medal, which was awarded to him for his performance at his last duty station. The presentation took place during a VX-5 morning quarters ceremony.



FAREWELL SALUTE - Following a time-honored Navy tradition, Cdr. Michael Mc-Carthy exhanges salutes with sideboys lined up to render appropriate honors at the conclusion of a retirement ceremony held for him on Dec. 30. A member of the U.S. Naval Academy Class of 1963, Cdr. McCarthy has been at China Lake for 41/2 years. His most recent assignment here was that of military associate in the Seapons Planning Group. A naval aviator and veteran of more than 20 years of active duty in the Navy, Cdr. McCarthy was transferred here in May 1979 from Fleet Composite Squadron Five based at Cubi Point in the Phillipine Islands. Col. John. T. Tyler, USMC, NWC Deputy Laboratory Director, officiated at Cdr. McCarthy's retirement ceremony. Among those present were Cdr. McCarthy's wife, Patricia, and their two children, Michael and

Applications now being accepted for jobs at NWC next summer Applications are now being accepted for these positions if the qualifications are

the Federal Summer Employment Program. All applications, with the exception of the Summer Aid-Employment for Needy Youth Program, must be filed by March 16 in order to be considered.

For both clerical and non-clerical jobs, grades GS-2 through 4, and for positions in grades GS-5 and above, applicants must file an SF-171, Personal Qualifications Statement; OPM 1386, Background Survey Questionnaire 79-2; and, if applicable, an SF-15, claim for 10-point Veterans Preference with a photo copy of the appropriate proof.

Applicants for clerical jobs must be U.S. citizens and either 18 years of age or at least 16 and a high school graduate or the equivalent. For clerk-typist positions, the applicant must be able to type 40 words per minute. Applicants must also submit a verification of grade point average. High school students may get this information verified at their high school registrar's office, and college students may use their college grade point average if they have at least 12 semester or 15 quarter hours to their

Non-clerical positions, grades GS-2 through 4, include jobs as either computer clerks or as technicians in engineering, mathematics, physical sciences, chemistry, or biology.

These applicants must also be U.S. citizens and either 18 years of age or at least 16 years old and high school graduates or the equivalent. There is no written test, but applicants must submit college transcripts. including classes taken through the winter quarter or fall semester.

Unofficial transcripts are acceptable. These will be used to determine the number of units completed, grade point average, and course of study. Those who have less than 12 semester or 15 quarter hours of college must submit verification of grade point average.

College students may use their college grade point average if they have at least 12 semester or 15 quarter hours. On a plain piece of paper that includes the name and Social Security Number of the applicant, all college classes in which the applicant is enrolled but has not yet completed should be listed; these should be classes that will be completed by June.

Positions of grades GS-5 and above involve professional, technical or administrative work. To be considered for one of these positions, the applicant must possess a bachelor's degree, be a graduate student or faculty member, or possess the equivalent in experience related to the duties of the position for which the application is submitted. College transcripts must be submitted with the applications for

based on education, but unofficial transcripts are acceptable. NWC may re-employ, without any ad-

ditional competition, its summer employees that were appointed to jobs in any of the above categories, but all applicants must still submit the required forms in order to be

Applicants wishing to be considered for more than one of the above categories need only submit one set of forms but must list, on line 1 of the SF-171, the options in which they are interested.

Those applying for Summer Aid-Employment for Needy Youth program must be between 16 and 21 years of age. The only sons and daughters of Navy employees (civilian or military) that can be considered for such minimum wage positions are those who are handicapped. High school graduation is not required for these jobs. Applicants need to submit a form SF-171,

Personal Qualifications Statement; OPM 1386, Background Survey Questionnaire; and 11ND-NWC 12308/1, Background Questionnaire for Student Employment. Filing date for these positions is May 1. All applications must either be mailed to

Naval Weapons Center, Summer Employment Office (Code 0908), China Lake, CA 93555, or taken to the Civilian Personnel Building, 505 Blandy, Rm. 211. All required forms are available at high

school or college administrative offices or at the Center's Personnel Office. Anyone seeking additional information should telephone NWC ext. 3129.

SOQ (4)

Coso (3).

SSQ Saratoga

Panamint (4)

MOQ (3)

Hill Duplex (3)

Wasp Circle (3)

Old Duplex (3)

Old Duplex (2).

Old Duplex (1) ...

Motel Apartment (0)

Old Apartment (2)

Old Apartment (1).

*yard maintenance

JOQ (Rear Terrace) (3)

JOQ (Rear Terrace) (2)

Yucca (4) (Convertible

Tamarisk (4) (Convertible)

*Motel Apartment (0) with.

Old Duplex (2) (Dining Addition)

JOQ (Front Terrace) 1 bath (3).

New rental rates for civilian housing

\$732.90

459.30.

498.60.

432.60.

324.30.

292.50.

406.50.

296.40.

177.00.

200.40.

205.50.

Navy officer succumbs to heart attack, funeral held Wednesday

afternoon at the All Faith Chapel for LCdr. Michael E. Lindsay, 40, who suffered a ported to the Ridgecrest Community School at Pensacola, Fla. Hospital.

ROCKETEER

Protestant Chaplains Douglas Heitschmidt and Jerry Compton officiated at the funeral, which is to be followed by interment at Sharon Springs, Kans.

LCdr. Lindsay, a Navy officer for 101/2 years, was assigned to the Electronic Warfare Analysis Branch (Code 3512) in the **Electronic Warfare Department's Systems** Science Division. He was involved in operational analysis of the EA-6B Prowler Kelli, Traci, and Cassandra.

Funeral services were held Wednesday aircraft, and studied and analyzed airborne electronic countermeasures.

His military career included a three-year heart attack on Saturday afternoon at his hitch as an enlisted man in the Army prior home, 1914 Bogue Circle, China Lake, and to the time that he joined the Navy in April died a short time later after being trans- 1973 and went through Officer Candidate

> He served for six years at the Whidbey Island Naval Air Station, Oak Harbor, Wash., as an electronics countermeasures officer on the EA-6B Prowler aircraft, and as an instructor in electronic countermeasures with Tactical Electronic Warfare Squadron 129.

Among the survivors of LCdr. Lindsay are his wife, Jean, and their three daughters -

Frocked to second class were AO2 Dean

R. Rodriguez, AK2 Robert Nemcek, AMS2

Julie A. Rodriguez, AE2 Gary L. Smith, AZ2

John W. Ball, AQ2 Randall L. Afdhal, AZ2

Steven J. Domeier, AT2 Jose M. Ojeda, DM2

Thaddeus L. Sanders, AQ2 Terry L. Poston,

Those newly-eligible to wear the insignia

of 3rd class petty officer are AMS3 Robert W. Snook, EM3 Carutha Johnson, AE3

Geoffrey T. Gmeiner, AE3 Larry W.

Elliott, AE3 David C. Parrish, AE3 Devin R.

and AD2 Robert L. Rynish.

VX-5 enlisted personnel frocked, earn new petty officer ratings

A group of 28 enlisted personnel assigned M. Doering, AT1 Rodney C. Poole, AO1 Paul to duty with Air Test and Evaluation R. Lemieux, and AME1 Timothy B. Seltzer. Squadron Five (VX-5) were frocked to first. second or third class petty officer ratings during a recent ceremony held at Hangar

The new ratings will become effective in

six increments - January through June depending upon the individual's score on Navywide examinations that were administered last September. Those scheduled to be advanced to the

rating of first class petty officer are AT1 Douglas H. Cross, AO1 Abraham D. Peden, AME1 Matthew C. Callahan, AQ1 Gerhard Mayer, AD1 James C. Clark, AZ1 Kenneth

Three receive TD Award...

(Continued from Page 1)

impossible," Dr. Royce also wrote in reinforcing his nomination of the Research Department employees for the NWC Technical Director's Award.

Dr. Harold Bennett came here to work in 1956 after receiving a Ph.D. in physics from Pennsylvania State University.

A research physicist whose work is concentrated in the areas of optics and solid state physics, he heads the Research Department's Optical Component Technology Center, in addition to being associate head of the Physics Division in

Dr. Bennett is a Fellow of both the Optical Society of America and the International Society for Optical Engineering (SPIE) and has received several awards including the Naval Weapons Center's L. T. E. Thompson Award and the Capt. Robert Dexter Conrad Award from the Secretary of the Navy.

During the 27 years that he has been employed at China Lake he has developed various instruments including an absolute reflectometer with an accuracy ten times higher than that of any commercially

\$154.80.

175.20.

124.50.

114.30.

113.10.

113.70.

113.70.

92.40.

94.50.

116.40.

108.60.

100.50.

94.80

64.80

41.10.

41.10.

76.20.

634.50

623.10

586.80

545.70

513.00

513.00

416.70

531.00

387.00

473.70

501.00

473.10

421.50

350.40

271.50

241.50

203.70

Furgeson, and AME3 Scott A. Hill. available instrument. An even more accurate instrument was developed this year

under his guidance by Eric Anthon, of the

Optical Coating Laboratory in Santa Rosa. Dr. Bennett and Anthon used this instrument in the spring of 1983 to expand on and verify the interferometric results validating the SEALITE mirror.

The Naval Weapons Center has the primary responsibility in the Navy for high energy laser components and optical components for missile systems - two areas of work in which Dr. Bennett is highly

Burge is a former summer employee at China Lake, who joined the work force fulltime in 1961 after some additional schooling and a hitch of military service in the Army. He was graduated with an M.S. in physics from the University of Nevada at

Assigned initially to the former Aviation Ordnance Department, he transferred to the Research Department in 1962 and has remained with Code 38 ever since.

His other recent work has involved him in testing the optical properties of new materials for infrared missile domes making laser safety calculations as an assist to the Safety and Security Department; and doing thin film and multi-layer calculations for various laser-related optics programs.

Shaffer, who runs the Center's optical shop, makes lenses, prisms and mirrors to meet a variety of needs. These vary from something as crude as a mirror for use in photographing explosions in order that the mirror and not the camera is blown up, to things as complicated as a set of toroidal cavity mirrors for lasers.

An employee at China Lake since January 1973, he came here from the Electromechanical Division of the Northrop Corp. in Anaheim, Calif., where (for almost 19 years) he was involved in optical fabrication assembly work.

Shaffer holds a patent on an adapter that allows a standard lens polishing machine to polish both toroids and cylindrical lenses.

Energy conservation tip

Heat retention characteristics of window shades exceed those of venetian blinds or draperies, which have been shown to be only one-fourth as efficient.