



**WINNERS** — Margery Claunch (r.), of the staff of the Naval Weapons Center Library, presents books to Trisha Bird (l.), 8, and Renee Barglowski, 9, as their awards for designing winning bookmarks for the Children's Book Week contest conducted by the library. Center librarians noted that all the entries submitted were so clever and imaginative that choosing just two winners was most difficult.

### Auditions slated for Cerro Coso College musical production

Florence Green, drama instructor at Cerro Coso Community College, will be holding auditions at 7 p.m. on Tuesday and Wednesday at the college lecture center for "Celebration."

"Celebration" is a musical calling for a 10-member chorus, all of whom must be able to sing and dance. Chorus members appear in nearly every scene and by the use of masks (more than 100 of which are used in the play) depict many different characters.

Also needed are persons to fill positions in backstage work, publicity, ticket sales, light design, and as student director.

Those planning to audition for roles in the cast are asked to bring a song and to read with other actors. They will also be asked to demonstrate a few dance steps.

"Celebration" is scheduled to be performed on March 11, 12, 17, 18 and 19.

### Flea Market planned at Community Center on Saturday, Jan. 21

A flea market for the sale of second-hand goods will be held at the Community Center on Saturday, Jan. 21, from 10 a.m. to 4 p.m.

Sales space will be limited to 50 participants, who can make arrangements to set up a table at this event by completing a request form that is available at the Community Center.

There is a \$3 charge which is payable at the time the request form is filled out. All NWC employees or military personnel, and their dependents, are eligible to apply for sales space.

The secondhand sale will be open to all Centerites, their dependents and others who are authorized access to the Naval Weapons Center.

Additional information can be obtained by calling Art Amos, manager of the Community Center, at NWC ext. 2010.

### Happenings around NWC

Beginning this past Monday, a change has been made in the hours of operation at the Navy Exchange Annex.

In order to determine if there is a demand for a Navy Exchange Mini-Mart, the NEX Annex has initiated a trial period of opening from noon to 8 p.m. every day except Sunday.

If there is a sufficient demand for this service, the hours of the NEX Annex will be continued as they now are. Otherwise, according to Lt. M. S. Barnett, Navy Exchange officer, hours of operation at the NEX Annex will revert back to those previously in effect.

#### Traffic Hazard Reported

A number of NWC employees and military personnel have reported that wrong way drivers and bicycle riders are causing a traffic hazard in the parking areas at Michelson Laboratory.

All NWC personnel are required to follow the signs and arrows painted on the pavement as guides for the direction in which vehicles are to travel. In addition, motorists or bike riders should be on the lookout for other vehicles and pedestrians.

An effort is being made to repaint the arrows on the pavement in the parking lots at Michelson Lab.

#### Dances Slated at Shuttle

The Pacific Coast Players, a popular 4-piece band from the Los Angeles area, will be playing for the dancing and listening pleasure of patrons at the Shuttle tonight and Saturday night from 9 until 1:30 a.m. The group has just completed a very successful engagement at Mammoth Lakes.

"The Deli" at the Shuttle (EM Club dining room) is open for lunch Monday through Friday, from 11 a.m. to 1 p.m., while dinner is served on Tuesdays, Wednesdays and Fridays from 6 to 8 p.m.

Beginning next Tuesday, there also will be a special game night starting at 8 o'clock.

#### Stage Play Tryouts Set

Tryouts will be held next week for roles in the first China Lake Players production of the year, "Raisin in the Sun." All interested persons are urged to try out for the play whether or not they have had any previous acting experience.

The play deals with the life of a black family in Chicago, and calls for an all-black cast with the exception of the role of a white

middle-aged businessman type.

Tryouts will be held Monday evening from 7:30 to 10, Tuesday and Wednesday between 8:30 and 10:30 p.m., and on Thursday from 7 to 10 p.m. at the China Lake Players Hut, 401 McIntire St.

Additional information can be obtained by calling Elena Vitale, the director, after working hours at 446-4843.

### Bob Huey chosen as recreation director for Special Services

Duties of recreation director for the Special Services Division have been taken over by Bob Huey, a recent arrival at the Naval Weapons Center, who spent the past four years with the U.S. Army's Recreation Services Agency in South Korea.

Huey, who has a bachelor's degree in music and theater, which he received from Colorado State College in Greeley in 1968, accepted a Civil Service post in Korea originally for the purpose of establishing a music and theater program for Army units stationed there.

For the last 1½ years, however, he was the assistant recreation officer for the 11 Army installations located south of Seoul, and worked out of an office located in Taegu. This involved him in all phases of both recreation and athletic activities — ranging from libraries, arts and crafts, music and theater to coordinating activities

at service clubs, in addition to sports programs in soccer, baseball, basketball and football, as well as some youth programs for dependents of Army personnel stationed in Taegu and Pusan.

Huey, who grew up in the small town of Lusk, Wyo., and was graduated from high school there, was drafted into the Army after receiving his BA degree at Colorado State College. He qualified for Officer Candidate School at Fort Benning, Ga., received a commission as a 2nd Lieutenant in 1969, and spent two years as the special services officer at Fort Riley, Kans.

Following his discharge from the Army, he began his Civil Service career with a four-year assignment in Korea.

Initially, he was called on to do such things as establish music centers and live theater programs. Working with existing service clubs, he started three dinner theater operations, coordinated USO shows and traveling troop shows.

While he was in Korea, Huey began studies (which are continuing) that ultimately will lead to a master's degree in systems management from the University of Southern California.

NWC's new recreation director was accompanied to China Lake by his wife, Kathy, and their two children — a son, Robby, who is 6 years old, and daughter, Jenny, who is 3 years of age.

#### AFGE to meet Monday

Local 1781 of the American Federation of Government Employees will hold its next monthly meeting on Monday at 7 p.m. at 65-B Halsey St., China Lake.

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Police and Security Operations Division, Safety and Security Department, who are located at China Lake.

## SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED  
General Audiences

(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested

(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time—7:30 p.m.

Program subject to change without notice.  
For further information call NWC ext. 2259.

**FRIDAY 6 JANUARY**  
"THE LAST REMAKE OF BEAU GESTE" (91 Min.)

Ann-Margret, Marty Feldman, Sir Trevor Howard  
(Comedy) Sir Trevor Howard, disappointed at the birth of a daughter, adopts a son who grows to be dashing Michael York. A twin, Marty Feldman, is also adopted. Years later, Howard brings Ann-Margret into the household as stepmother. To keep the family's precious Blue Water sapphire from falling into Ann-Margret's possession, York steals it and joins the French Foreign Legion, while Feldman accepts the blame for the theft and is imprisoned. York deserts with Ann-Margret and the bauble. (PG)

**SATURDAY 7 JANUARY**  
"YOU LIGHT UP MY LIFE" (113 Min.)

Didi Conn and Joe Silver  
(Comedy-Drama) Silver, a second-rate comedian, pushes his daughter, Didi Conn, into a career as a comedienne. She is a talented singer. Although Conn is engaged to dull Stephen Nathan, she has a one-night fling with Michael Zaslow, who promises her a movie role. In the belief that she loves Zaslow, Conn breaks her engagement only to learn that Zaslow has dropped her and offered the role she sought to another girl. Finally realizing her need to break with her dominant father, Conn tells Silver she is going to New York where she is certain that stardom awaits her. (PG)

**SUNDAY 8 JANUARY**  
"OH GOD!" (111 Min.)

George Burns and John Denver  
(Comedy) This is the story about God (Burns), who puts on His work clothes and comes to earth to clean up a few things. As His earthly messenger he chooses Jerry Landers (Denver), the assistant manager of a California supermarket. Denver is a solid, decent citizen with a pretty, loving wife and two children. One day he receives a note in the mail from Burns (as God) requesting him to come to an interview. Denver is called before a group of theologians and chats with Burns. Later he is hauled into court for slandering the Rev. Willie Williams. Burns is a witness for Denver, but does not necessarily convince the court that he is God. Denver is acquitted but loses his job, and Burns says he is on the way to take care of other matters. (PG)

**TUESDAY 10 JANUARY**  
"THE MARATHON" (28 Min.)

Olympic trials film  
Starting time, 7 p.m. Admission free

**WEDNESDAY 11 JANUARY**  
"CRY FOR ME BILLY" (98 Min.)

Cliff Potts and Xochitl  
(Drama) Potts (Billy) rides into town with a U.S. Cavalry unit that is guarding a group of runaway Indians. During an escape try by the Indians, all of them are killed except one girl (Xochitl), who tries to steal Potts' horse. He captures her, they fall in love and are hunted by the other soldiers. (R)

**THURSDAY 12 JANUARY**  
"MEET ME IN ST. LOUIS" (113 Min.)

Judy Garland and Tom Drake  
(Musical Comedy) This movie, which is set in the 1890s, revolves around the reactions of members of a middle class St. Louis family upon learning that they must move to New York just when the World's Fair is about to open in St. Louis.

**FRIDAY 13 JANUARY**  
"SUMMER SCHOOL TEACHERS" (107 Min.)

Candice Rialson, Pat Anderson, Rhonda Hopkins  
(Action-Comedy) Rialson, Anderson and Hopkins are exuberant midwestern girls pursuing teaching careers at a summer session of a Los Angeles high school. (R)

U.S. Government Printing Office: 1978-107

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

PLACE  
STAMP  
HERE

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



# nwc rocketeer

Naval Weapons Center  
China Lake  
California

January 6, 1978

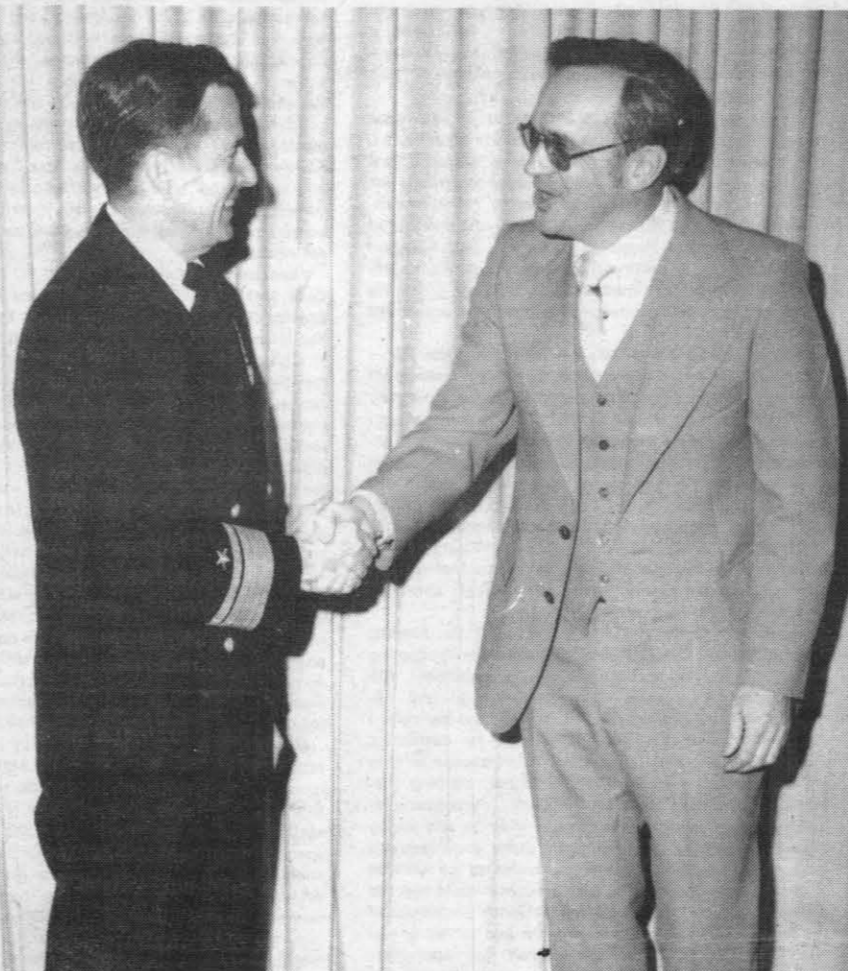
Vol. XXXIII, No. 1

INSIDE ...

Sailor of Month .....	2
Ex-Army Reservist Gets Medal .....	3
New Rental Rate Schedule .....	4
Museum Fund Drive Report .....	5
Sports .....	6
New Rec Director on Job .....	8

## R. M. Hillyer selected to fill Center's top civilian post

### Final choice made from among more than 250 well qualified candidates



**CONGRATULATIONS EXTENDED** — Announcement that Robert M. Hillyer had been selected as the Naval Weapons Center's newest permanent Technical Director was followed by a warm handshake from Rear Admiral William L. Harris, NWC Commander, who called a special meeting of department heads to relate the news on Dec. 23. Hillyer, who had been the acting Technical Director since last May, succeeds Dr. G. L. Hollingsworth. —Photo by Ron Allen

Robert M. Hillyer, who was chosen to serve as acting Technical Director of the Naval Weapons Center following the departure of Dr. G. L. Hollingsworth last May, received good news just two days before Christmas when he was informed by Rear Admiral William L. Harris, NWC Commander, that (as of Dec. 23) he was the Center's new Technical Director.

The announcement of Hillyer's selection as Technical Director (which is subject to approval by the Civil Service Commission) was made by RADM. Harris during a special meeting of department heads or their designated representatives.

The Center Commander made particular note of the fact that selection of the individual to fill the top civilian post at NWC from among a group of more than 250 well-qualified candidates was a most difficult one. He commended Eva Bien, head of the Personnel Department, for the skill and diligence she displayed in coordinating the efforts of a group of highly-placed and knowledgeable Washington-based officials who served as the final advisory selection committee.

#### Appreciation Expressed

For his part, Hillyer thanked everyone for the support and dedication to the total work effort of the Center which he had received from civilian employees and military personnel while serving as acting Technical Director, and expressed the hope that in his efforts as TD he will have this same strong backing from all hands.

Hillyer is the eighth man to hold this highly responsible and demanding position since it was first filled by Dr. L. T. E. Thompson at the time the Naval Ordnance Test Station (forerunner of NWC) was organized and began functioning in the mid 1940s.

NWC's newest full-fledged Technical Director is a transplanted Coronan who moved to China Lake from NWC Corona (the former Ordnance Laboratory) in October 1970 — shortly after becoming head of the Fuze Department's Development Division II.

Hillyer remained a division head for nearly three years until he succeeded Ben Husten as the Fuze Department head in August 1973. By now his well established reputation for being a topnotch administrator who also was well qualified in

the technical work at NWC led to his assignment in 1975 as head of the Center's Resources and Technology Office.

Then, following an organizational realignment at NWC in August 1976, he became head of the newly-created Laboratory Directorate and was serving in that capacity at the time he was chosen (approximately seven months ago) to assume the duties of NWC's acting Technical Director.

Hillyer's more than 20 years in government service began following his graduation in 1957 from the University of Idaho in Moscow with a BS degree in mechanical engineering. As the recipient of

(Continued on Page 4)

## Housing rental rates to go up effective Feb. 1

Information on the annual adjustment in civilian shelter charges at the Naval Weapons Center has been received from the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif. The increase for shelter rents is based on the February 1974 survey and amounts to 21 per cent above that figure. In essence, however, this is an increase over the present rent schedule of 7.1 per cent. The effective date for the latest increase is Feb. 1, 1978.

The Consumer Price Index (CPI) is now used for determining rent adjustments on all military family housing that is occupied by civilians. This is done because the CPI provides rates on a more current basis between appraisals, it minimizes the impact on employee tenants by eliminating large adjustments every three years, and it reduces administrative costs by lengthening the appraisal cycle from three to five years.

#### Military Not Affected

Active duty military personnel assigned to public quarters for which Basic Allowance for Quarters (BAQ) is deducted are not affected by this change in rental charges. The BAQ adjustments were effective at the time of the latest military pay increase on Oct. 1, 1977.

In accordance with the Housing Administration Manual, charges for utilities also must be adjusted yearly based upon the CPI, or every third year if for any reason valid and realistic comparability with private utility rates has not been established.

Locally, however, since costs for utilities have been increased by considerably more than the national CPI over the past three years, it is necessary to make a corresponding increase in the utility rates on the Center.

These increases are currently under review, and information on this matter will be reported as soon as it becomes available. A review of mobile home space rental units has revealed that the total rent which has been charged did not reflect their maintenance costs. Therefore, an additional increase of \$5.70 a month in shelter rent to cover these costs will go into effect on Feb. 1.

The schedule of new rental rates for all NWC housing can be found on Page 4 of this issue of THE ROCKETEER.

### Reservations due for Michelson Lab Award luncheon

A luncheon in honor of the four latest Naval Weapons Center employees to be singled out for special recognition as recipients of the Michelson Laboratories Awards will be held on Monday, starting at 11:30 a.m., at the Commissioned Officers' Mess.

Those interested in attending this event have until 4:30 p.m. today to make reservations by calling NWC ext. 2634.

The Michelson Laboratories Award was established in 1966 and recognizes technical excellence based on singular effort in the performance of individual duties which are outstanding in nature.

The awards are complementary to the Center's highest local award — the L. T. E. Thompson Award.

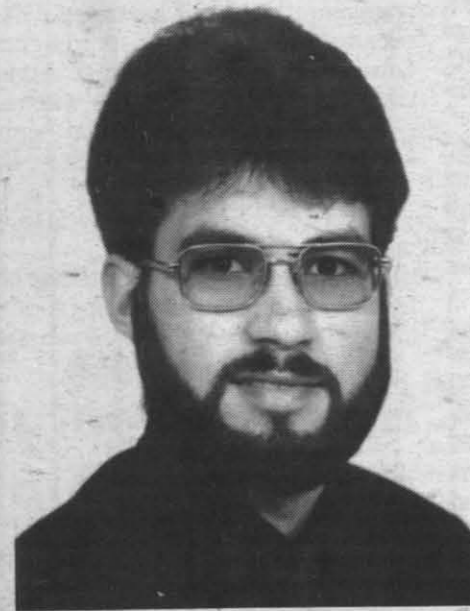
RMSN Donald Falcon chosen as Sailor of Month for Dec.

Radioman Seaman Donald K. Falcon has been selected as the Naval Weapons Center's Sailor of the Month for December.

RMSN Falcon is assigned to the Message Center — "the voice of the Command," says he, "where a lot of people really rely on you."

He chose training as a radioman following his enlistment in the Navy in November, 1975, because "it's an interesting rate since any command really has to be informed of what's going on."

According to a letter of commendation written by Lt. R. F. Nielsen, Jr., NWC Communications Officer, RMSN Falcon has demonstrated keen and continuous enthusiasm for radioman duties. The letter also states that "his personal initiative and



RMSN Donald K. Falcon

unusual self discipline have enabled him to qualify at all local operating positions, including supervisor of the watch, an E-6 billet."

In addition, the commendation notes that "his assistance in training newly arriving personnel has been invaluable, permitting the Message Center to maintain an equitable watch rotation and continue high standards of service to subscribers, despite paucity of personnel and extensive base reorganization."

RMSN Falcon is a native of Lake Charles, La., where he was graduated from LaGrange High School. He attended McNeese College for a semester before enlisting in the Navy, and plans to complete his college education when his enlistment expires.

He and his wife Louetta are the very proud parents of an 8-month old daughter, Melissa. RMSN Falcon and his wife list reading as a favorite hobby, followed by camping in the summer. They have enjoyed the cry weather in the desert because, according to him, "it rains every other day in Louisiana."

NWC's Sailor of the Month will be leaving shortly for sea duty on the USS Kitty Hawk.

For his selection as Sailor of the Month, RMSN Falcon will receive a 96-hour liberty pass and a free dinner for two at The Shuttle.

Promotional Opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 972, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 974 or 977). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the hearing process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WO, WL and WS positions are defined in CSC Handbook X-118C.

Budget Clerk, GS-501-4 / 5, PD No. 7708029, Code 0832 — (2 vacancies). The incumbent assists budget analysts and RMAAs with preparation of overhead and technical budgets. Prepares financial reports and assists with their analysis. The incumbent may be assigned, on a rotating basis, to one or more departments on Center to provide financial support such as monitoring expenses on job orders and customers' or -er numbers, preparing journal entries, etc. Job Relevant Criteria: Ability to work with figures; knowledge of the budget cycle; knowledge of the budgeting and funding process; and ability to compose letters and financial reports.

Mess Manager, GS-1101-10, PD No. 7708101, Code 089 — This position is located in the Chief Petty Officers' Mess (Open) in the Special Services Division of the Office of Finance and Management. Incumbent is responsible for food and beverage operations; financial management of the Mess; general upkeep and maintenance of the facility; planning parties, entertainment, and special events; supervision of mess personnel. Job Relevant Criteria: Knowledge of mess operations including administration, cost accounting, food preparation, food and beverage control and purchasing specifications for food and beverage; knowledge of financial and business management; ability to plan entertainment programs and special events; and ability to supervise a restaurant / mess staff. Applications from status eligibles are accepted.

Mess Manager, GS-1101-9, PD No. 7708109, Code 089 — This position is located in the Enlisted Men's Mess (Open) in the Special Services Division of the Office of Finance and Management. Incumbent is responsible for food and beverage operation, maintenance and preparation of accurate financial documents, maintenance and custody of records and property of the Mess, supervision of Mess personnel, procurement and inventory control of consumables, and facility maintenance and upkeep. Job Relevant Criteria: Knowledge of mess operations; knowledge of mess bookkeeping and accounting; ability to supervise a restaurant / mess staff; knowledge of food and beverage operations. Applications from status eligibles are accepted.

Detail Assignment NTE 120 days to the duties of Supervisory Budget Analyst, Code 0832 — This position is the Head, Resource Management Branch A in the Budget Division of the Office of Finance and Management. The incumbent assists the division head in managing the division by providing leadership in financial policies and personnel supervision. Incumbent leads small groups in the study and analysis of complex financial problems and assists the division head in reviewing and developing processes and procedures to provide the most financial training to division and other NWC employees. Job Relevant Criteria: Must have demonstrated ability to solve complex financial problems; must be able to supervise a small professional staff; must be able to interface with all levels and types of personnel; and must be able to articulate effectively both orally and in writing.

Resource Analyst, GS-301-11 / 12, PD No. 7708030, Code 071 — This position is located in the Weapons Systems Cost Analysis Division, Office of Finance and Management. Incumbent provides expertise in the estimation of the life cycle resources requirements of complex weapons systems; determines the depth and availability of technical descriptions of weapons systems; and develops a consistent data base through a comprehensive analysis of cost and performance data for a wide variety of similar systems; and estimates the resource requirements in terms of dollar cost for complex Navy Tactical Missile Weapon Systems being prepared for possible or eventual introduction into the Fleet. Job Relevant Criteria: Experience in life cycle cost analysis, production, procurement, management analysis,

operations research, planning, and/or programming functions; knowledge of mathematical and/or statistical techniques in deriving cost estimates.

Clerk Typist, GS-322-3 / 4, PD No. 773055-1N, Code 2302 — This is an intermittent (WAE) worksheet. Applications will be accepted from status eligibles. Incumbent is responsible for administrative support in the staff office, Technical Information Dept., but much of the work will be performed in the various divisions of TID in a relief capacity or when work overload situations exist. Incumbent performs a variety of clerical duties, such as maintaining correspondence, personnel, and building maintenance files; receptionist; typing correspondence, reproduction masters, and reports; making travel arrangements; and other job related clerical duties as required. Job Relevant Criteria: Ability to type with speed and accuracy; demonstrated ability to work with a minimum of supervision; knowledge of Navy correspondence and filing procedures; knowledge of NWC policies and procedures.

General Engineer, GS-801-12, PD No. 7608073-1E, Code 081 — Applications from status eligibles will be accepted. This position is located in the Weapons Systems Cost Analysis Division. The incumbent is responsible for determining engineering cost estimating requirements, knowledge of design-to-cost, and life cycle cost analysis as applied to tactical weapons systems. Job Relevant Criteria: Skill in life cycle cost analysis techniques; ability to develop cost analysis methodology; skill in engineering design and testing; knowledge of engineering economics and administration.

Secretary, GS-318-4 / 5, PD No. 7608060N, Code 082 — This position is that of secretary to the head, Management Division. The incumbent is responsible for providing administrative / clerical support to the supervisor; maintains calendar, files, etc.; reviews and directs incoming mail; prepares routine correspondence; schedules meetings and conferences and arranges for travel. Job Relevant Criteria: Must be familiar with Navy correspondence formal and files; knowledge of Center organization and policies; ability to deal with personnel at all levels of management; ability to compose letters and memos which are clear, concise, and logical; ability to type rapidly and accurately.

Supervisory Clerk-DAT, GS-316-5 / 6, PD No. 7608052, Code 082A — This position is located in Word Processing Center II of the Office of Finance and Management. The incumbent is responsible for the technical and administrative supervision of personnel in the Word Processing Center who provide support for customers located in Michelson Laboratory. This includes writing position descriptions; selecting personnel; training personnel; evaluating employee work; recommending promotions and awards; resolving grievances and taking disciplinary actions. The incumbent plans, organizes and directs the operation of the branch, evaluates the function of the equipment and techniques, and maintains records and submits reports. Job Relevant Criteria: Knowledge of use and operation of magnetic media and dictating and training equipment; knowledge of NWC correspondence and office instructions; ability to communicate and deal effectively with all levels of NWC employees; and ability to supervise.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2676. Clerk Typist, GS-322-3 / 4, PD No. 7730601N, Code 2302 — This position is located in the Optical Signatures Branch, Electronic Warfare Department. The incumbent types a variety of forms and correspondence; maintains personnel, accounting and security files; writes routine memoranda; performs clerical receptionist duties and other functions as required. Job Relevant Criteria: Ability to perform a variety of clerical and secretarial functions; ability to type with speed and accuracy; knowledge of Navy correspondence formal and files; and knowledge of correct English grammar and spelling.

Electronic Engineer, GS-855-9 / 11 / 12, PD No. 762054, Code 4231 — This position is located in the Range Instrumentation Support Division. Duties are to design and develop circuits and subsystems for special instrumentation, to investigate new electronic systems prior to acceptance for range operations, and to prepare engineering reports and evaluations. Job Relevant Criteria: Experience in development of instrumentation systems; experience in report preparation; familiarity with Range Operations.

Clerk-Typist, GS-322-3 / 4 (WAE), PD No. 7704012N, Code 0662 — This position is located in the Test and Evaluation Center Operations Office. Incumbent types letters, maintains files, receives visitors, answers telephone, and performs other various clerical duties. Job Relevant Criteria: Reliability and dependability, ability to get along with others in work group, ability to type efficiently and accurately.

Clerk-Typist, GS-322-4, PD No. 7000007N, Code 00 (Intermittent) — This position is intermittent within the Office of Finance and Management, Code 00, 02, 03, 003 to provide clerical support as needed. The incumbent will perform such duties as typing various kinds of correspondence; answering telephones; opening, screening and routing mail; maintaining files and greeting visitors. Job Relevant Criteria: Ability to type efficiently and accurately. Ability to deal tactfully with people. Knowledge of Center operations and procedures. Secretary (Typing), GS-318-4 / 5, PD No. 7608060N, Code 008 — This position is located in the Equal Opportunity Office. The incumbent provides secretarial support to the Deputy EEO Officer and his staff, as required. Duties include keeping the Deputy EEO Officer's calendar, drafting and reviewing memos and outgoing correspondence, compiling EEO reports, typing, filing, and receptionist duties. Job Relevant Criteria: Knowledge of Navy correspondence formats and files; ability to compose letters and memos which are clear, logical and well organized; ability to type rapidly and accurately; ability to compile statistical reports.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723. Electronics Engineer, GS-855-9 / 11 / 12, PD No. 7730077, Code 3242 — This position is located in Fuze Project Branch III, Development Division II, Fuze Department. The incumbent's major duties include the design and development of electronic components and circuits for an assigned target detecting system; design of electronic equipment or test sets for use in testing components, assemblies, or complete TDDs; devising procedures and tests for materials, components, and circuits; and complete TDDs; and collecting and correlating data from laboratory and field tests. Job Relevant Criteria: Experience in the design, development, testing and analysis of electronic components and circuits applicable to guided missiles. Knowledge of electronic principles and theory, solid state devices including integrated circuits,

microwave devices, electrical devices and electronic instrumentation. Ability to work well with others. Experience in designing and conducting tests of electronic circuits. Ability to communicate well both orally and in writing. Applications accepted from status eligibles. Previous applicants need not reapply.

Electronics Engineer, GS-855-9 / 11 / 12, PD No. 773076E, Code 3341 — This position is located in Fuze Project Branch I, Development Division I, Fuze Department. The incumbent is responsible for the detailed design and development of electronic components and circuits for an assigned target detection system; designs electronic equipment or test sets for use in testing components, assemblies or complete TDDs; devising procedures and tests for materials, components, electronic circuits or complete TDDs; and collects and correlates data from laboratory and field tests. Job Relevant Criteria: Experience in the design, development, testing and analysis of electronic components and circuits applicable to guided missiles. Knowledge of electronic principles and theory, solid state devices including integrated circuits, microwave devices, electro-optical devices and electronic instrumentation. Ability to work well with others. Experience in designing and conducting tests of electronic circuits. Ability to communicate well both orally and in writing. Applications accepted from status eligibles. Previous applicants need not reapply.

Electronics Engineer, GS-855-11 / 12, PD No. 773075E, Code 3342 — This position is located in Fuze Project Branch II, Development Division II, Fuze Department. The incumbent is responsible for the design and development of major fuze system or fuze system feasibility study. Other duties include working with representatives of the government and private agencies in planning the steps to be taken in development of the fuze and associated test equipment, and formulating the target detecting device system requirements and correlating them with the requirements of the fuze system. Job Relevant Criteria: Experience in the design, development, testing, and/or analysis of target detection components or systems for guided missiles. Knowledge of electronic circuit theory, electro-optical techniques, and general fuze theory. Knowledge of electronic and optical laboratory equipment, experimental methods and techniques, and computer methods of data reduction and analysis. Ability to deal effectively with contractor personally and in writing. Applications accepted from status eligibles. Previous applicants need not reapply.

Mechanical Engineer, GS-830-9 / 11 / 12, PD No. 7433082E / 7733070E / 7733044E, Code 3351 — This position is located in the Product Engineering and Fleet Support Branch, Electromechanical Division, Fuze Department. Major duties include the design and construction of specialized equipment used in testing or evaluation; studying safety arming device design proposals in order to evaluate their soundness; engaging in engineering liaison between NWC and contractors developing fuze and safety arming devices, contractors manufacturing missiles being fuze, and military and sponsoring agencies; and preparing test programs for the evaluation of safety arming devices and electromechanical fuzes. Job Relevant Criteria: Experience in the design, documentation and qualification of Navy guided missile weapons systems; familiarity with modern production techniques, processes and materials; ability to deal effectively with contractor personnel and sponsors; ability to communicate well both orally and in writing. Applications accepted from status eligibles. Previous applicants need not reapply.

Mechanical Engineer, GS-830-9 / 11 / 12, PD No. 773024E or Chemical Engineer, GS-892-9 / 11 / 12, PD No. 7730057-1E, Code 3353 — This position is located in the Exploratory Development Branch, Electromechanical Division, Fuze Department. Incumbent conducts basic and applied research in the areas of safety-arming devices and fuzes; performs experiments and directed toward improved techniques and principles for missile fuzes and fuze components. (Continued on Page 7)



DIVINE SERVICES

Table listing various religious services including Protestant, Eucharistic, Roman Catholic, Confessions, and Religious Education Classes with dates and times.

Course in basic rifle marksmanship, hunter safety set

The Sierra Desert Gun Club will conduct its annual Basic Rifle Marksmanship and Hunter Safety School starting Sunday, Jan. 15. Classes will be held on each of 12 Sundays from 1 to 4 p.m. at the club's rifle range and clubhouse facilities on Sportsman Lane, China Lake.

The school is open to anyone over the age of 12.

All instructional material, including targets, ammunition and .22 caliber target rifles will be provided by the Sierra Desert Gun Club. A fee of \$20 per student to cover the cost of course materials will be collected at the time of registration. Those who complete the courses successfully will be awarded National Rifle Association marksmanship qualification awards and California State Hunter Safety Certificates.

Those over the age of 18 who are interested primarily in a Hunter Safety Certificate may audit the classroom sessions for a fee of \$3.

Registration for this training will be held tomorrow and on Saturday, Jan. 14, from 9 a.m. until noon, and on Tuesday and Wednesday, from 7 to 9 p.m., at the Sierra Desert Gun Club clubhouse. Enrollments will be limited to 50 shooting students and 20 audit students.

Those seeking further information may call 446-4187 or 375-9170.

Burros win . . .

(Continued from Page 6)

were the leading scorers for Burroughs in the game with Highland. The Scotsmen were led in the scoring department by Don Lonsinger (21), Doug Rogers (17) and Jeff Schmol (14).

The Burros, who had led the Scotsmen by 10 points midway through the third quarter, were unable to hold off a strong finish by the Highland High team.

Playing the Garces High Rams in their first game of the Kern County Tournament, the Burroughs High cagers took the lead late in the first period and never looked back as they turned in a 74-53 win.

Reserves Contribute to Win

The locals had a 5-point edge (36-31) at the half, and were able to get some good scoring from reserve players in the final two periods of play which contributed to the decisive win.

Steve Motte was the leading scorer for Burroughs with 17, followed by Levy (16), McRoberts (14), and Ron Garrett (12).

In their semi-final contest of the tournament at Bakersfield, the BHS varsity came out on the short end of a 70-58 final score in the game played with Foothill High.

The Burros, who trailed 37-31 at half-time, were still down by 6 points (41-35) with 6 min. remaining to play in the third quarter when the Foothill High Trojans tallied 7 straight points and went into the final period of play with a 52-40 lead.

This 12 point margin turned out to be the difference in the game's final score (70-58), although the BHS cagers did cut the Trojans lead to 8 points during a portion of the fourth quarter.

Garrett, Jay Kovar and Steve Motte, with 14, 13 and 12 points, respectively, were the top scorers for Burroughs in the game against Foothill, while the Trojans were led by Paul Wright, who tallied 22.

Winston 500 stock car race tickets available

A limited number of reduced price admission tickets are still available at the Community Center for the Winston 500 stock car race that will be held at the Riverside International Raceway on Saturday and Sunday, Jan. 21 and 22.

Tickets for the race on Jan. 21 (the Sportsman 300 for NASCAR sportsmen cars that will follow final qualifying for Sunday's 500-miler) are \$3, while tickets for Sunday's race are \$5 for admission. In both cases, this is a \$2 reduction off the regular price.

Additional information can be obtained by calling Art Amos at NWC ext. 2010

"I wanted to be an artist from the time I was in kindergarten — maybe because I couldn't learn how to spell," says Pat O'Dell, a technical illustrator in the Illustrations and Design Branch of the Graphic Arts Division of the Technical Information Department.

She adds, "I achieved my apprenticeship in the service because they couldn't fire me for my mistakes. I'd highly recommend the service for anyone who wants to learn."

Pat had joined the Navy after graduation from Woodbury College in Los Angeles with a bachelor of science degree in commercial art. She notes that the Navy sent her to radio school but that "I can't type and wasn't about to learn" so she was then sent to the Naval Air Technical Training Command at Memphis where she produced drawings for the "green books" used in studying for aviation rates and made training aids.

It was at Memphis that our Employee in the Spotlight got her first work as a civilian technical illustrator, too, when she was separated from the service after her marriage to a fellow artist. But Pat found that she missed California's sunshine and wanted to get back to "where it doesn't rain all the time." She visited China Lake one summer and fell in love with the place "because of all the sunshine," applied for work, and was offered a job in time for her to start work on Jan. 1, 1964.

Despite her love for California, Pat was not born in the Golden State. Her family moved to Los Angeles from her native El

Employee in the spotlight



Patricia O'Dell

Reno, Okla., when she was seven years old, and her growing up years were spent in various sections of the western part of that city prior to her graduation from Alexander Hamilton High School.

"Oddly enough," says Pat, "Ken Neal, my dog handler, also was graduated from Hamilton, but a class behind me. I didn't find that out until he'd shown my dog a number of times."

"My dog" is Champion Sundance Robin of Locksley, an English springer spaniel who just won the "best in show" award at a dog

show in Yuma. ("He beat the greyhound that's rated best in the country right now. I still haven't gotten over the excitement of it!") She adds, "Springers are marvelous dogs because they seem more interested in the love they can give you than what you give them. I have Ken show Robin because when I try to show him, he always tries to climb into my lap."

Pat has not only Robin, but also Sundance Shawna, and the first puppy in her "Locksley" Kennel, Little John.

The interest in dogs is relatively recent for Pat, developing only after her daughter Carol, who is 21, joined the Air Force a couple of years ago.

"I really miss Carol," says her mother. "She was into so many activities, what with school and sports and horses and Scouts. Carol is a very lively, lovely person."

Pat also counts as family a foster daughter, Laura Terrell, who stayed with Pat and Pat's parents in their home in Ridgecrest since Laura was a Burroughs sophomore. She is now attending the University of Oregon, and "has turned out beautifully," her foster mother enthuses. Enthusiasm is perhaps the key word to describe Pat.

"My work is really fun," says she. "It's like doing a jigsaw puzzle. I delight in a good drawing and rather regret having to leave to go home at night. I guess a dummy like me has gone pretty far."

Those working with and around her would argue with her self-evaluation in that last statement.

Promotional Opportunities

(Continued from Page 2)

Electronic Warfare Department. The incumbent will type from dictating machine, rough draft or handwritten copy all types of letters, charts, memoranda, official correspondence, report, and forms. Secondary duties will include answering phones, placing and receiving long distance calls, receiving visitors, arranging for travel, keeping timecards, sorting and distributing mail, and other office duties. Job Relevant Criteria: Ability to type accurately and efficiently. Knowledge of Navy correspondence regulations and format. Ability to work independently. Observed ability to be tactful and courteous. Knowledge of engineering terminology. Applications will be accepted from both NWC employees and status eligibles.

Information Receptionist, GS-304-3 / 4, PD No. 7504030N, Code 2412 — This position is that of Information Receptionist located in the Visitors' Branch of the Safety and Security Department. The incumbent's duties consist primarily of greeting visitors and processing their passes. In addition to answering any questions they might have concerning the Center and the area. The incumbent will also type a variety of documents from passes to miscellaneous correspondence. He will issue permanent decals and temporary vehicle passes, and will also be responsible for maintaining the office files. Changes in work schedules may be required. Job Relevant Criteria: Observed ability to be tactful and courteous, to work under pressure, and to type efficiently. Experience in obtaining and providing information from and to others. Applications will be accepted from both NWC employees and status eligibles.

Electronics Technician, GS-856-6 / 7, PD No. 7835000N, Code 3553 — This position is that of electronics technician located in the Land Threat Evaluation / Development Branch Countermeasures Division. The incumbent will operate and maintain, adjust and calibrate threat system for which he is responsible. He also will assist the operation and maintenance of all ground based radars, beacons, and electronic instrumentation located within the area. The incumbent will attend sessions and discussions relating to the modification and installation of various kinds of radar and related equipment. Job Relevant Criteria: Knowledge of radar principles and operation; experience with tracking radar employing various techniques; ability to work independently; observed ability to work efficiently and reliably; observed ability to work well with others. Promotion potential GS-11.

File applications for the above with Charlotte Sleskowsky, Bldg. 34, Rm. 206, Ph. 2676. Logistics Management Specialist, GS-346-12, PD No. 7734046E, Code 3444 — This position is that of a logistics management specialist in the Integrated Logistics Support (ILS) Branch, Fleet Engineering Division, Engineering Department. The prime responsibility of this branch and major duties/responsibilities which the incumbent will get involved in are the coordination and application of ILS to NAVAIR development projects at this Center and other activities (government and contractor) as assigned. The incumbent will implement ILS principles and requirements during the development phase and for the life cycle of the NWC cognizance system / equipment. Job Relevant Criteria: Knowledge of integrated logistics support (ILS) principles and procedures; knowledge of the management of weapons systems, subsystems and components as it relates to ILS; knowledge of maintenance engineering analysis and maintainability programs.

General Engineer, GS-801-11 / 12, PD No. 7762067E, Code 6214 — This position is located in the Area R Explosive Test Facility, Ballistics Test Branch, Quality Assurance Division, Range Department. Duties are to plan and manage Area R warhead test programs in close collaboration with project engineers. Also designs and develops special test areas, assemblies and equipment for special tests as well as for the conduct of the test; prepares progress reports and test summaries. Job Relevant

Criteria: Experience with ordnance systems and/or test techniques; ability to work effectively with personnel of various technical disciplines and skill levels.

Engineering Technician, GS-802-9 / 10 / 11, PD No. 7662011-1, Code 4211 — This position is located in the Ballistics Test Branch, Quality Assurance Division, Range Department. The incumbent conducts both static and free-flight tests on experimental and developmental weapons. The incumbent's duties will be performed primarily at CT-4 Test Facility. The incumbent will act as a firing officer and will supervise, plan, and conduct field tests. The incumbent is responsible for the preparation and maintenance of the test facility and equipment. Duties include test planning, test layout, and supervision of all personnel assigned to his area. The incumbent is responsible for the drafting of all operating procedures and instructions for his assigned test area. Job Relevant Criteria: Experience in ordnance manufacture and testing; experience with explosives, warheads, ballistic testing of rocket motors and missile systems; experience in supervision of ordnance testing; must be capable of acquiring certification as a firing officer.

General Engineer, GS-801-12, PD No. 7736139, Code 3604 — This position is in the Harpoon Program Office, Engineering Department. The duty station for this position will be at the NAVAIRSYSCOM Naval Technical Representative (NTR) Office at the McDonnell Douglas Astronautics Co., East (MADC) facility in Louisville, Mo. The incumbent will be in the in-plant technical representative for the NAVWPNCEN Harpoon Program Office and will provide engineering and management direction and decisions to the contractor in the generation, review and approval of engineering change proposals and deviation and waiver requests. He will witness manufacturing processes and environmental and performance tests of contractors facilities and evaluate their effectiveness and adequacy. He will determine the need for the direct implementation of corrective action as necessary. Job Relevant Criteria: Knowledge of manufacturing procedures used in production of a major missile weapon system. Knowledge of product assurance and quality assurance procedures and techniques. Knowledge of MILSTD-883 and 883C procedures. Knowledge of MILSTD-883 and 883C.

File applications for the above with Janet Thomas, Bldg 34, Rm. 204, Ph. 2925. Clerk-Typist, GS-322-3 / 4, PD No. 7345073, Code 3281 — This position is located in the Warhead Ordnance Branch, Conventional Weapons Division, Ordnance Systems Department. At the time of the incumbent's selection, the incumbent will be responsible for the preparation and maintenance of subject matter; types technical reports from rough drafts; serves as branch receptionist; maintains branch files and records; and performs other job related duties, such as making travel arrangements, preparing time cards, and overseeing the use and status of requisition stubs. Job Relevant Criteria: Ability to type with speed and accuracy; knowledge of NWC organization; ability to work with minimal supervision; knowledge of a variety of clerical/secretarial duties (Navy filing and correspondence procedures, travel orders, receipted decorum, etc.). Previous applicant need not reapply.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2925. Structural Ironworker, WG-3807-4 / 16, JD No. 219, Code 2413 — Works from blueprints, sketches and specifications. Performs structural iron work on repairs maintenance, alteration and improvements on all types of buildings, cranes, maintenance equipment and Center testing facilities. Job Relevant Criteria: Knowledge of fabrication procedures, including equipment, structures, metals, etc.; ability to lay out and plan work; to use safe erection procedures; to interpret blueprints, sketches written, and oral instructions; to use hand and power tools; and ability to do the work of the position without more than normal supervision. File applications for the above with Cathy Rivera, Bldg 34, Rm. 210, Ph. 2922.



Doug's Corner

## Basketball season begins tonight for Youth Center teams

The Youth Center Basketball League's first game of the season will be played tonight at the Youth Gym, starting with a Junior Division contest at 5 p.m.

Also on tap this evening are a Senior Division tilt at 6:15, followed by a High School Division contest at 7:30.

Names for the 16 teams entered in the Youth Center Basketball League hadn't been chosen at press time. The league season will continue through mid-March.

The league is divided into five divisions—instructional, for 7 and 8 yr. olds; Intermediates, 9 and 10 yr. olds; Juniors, 11 and 12 yr. olds; Seniors, 7th through 9th graders; and High School, 10th through 12th graders.

The schedule calls for games on Friday nights starting at 5, 6:15 and 7:30, and on Saturdays from 8 through 11 a.m.

### Tennis Lessons Offered

A six-week series of tennis classes for beginning and intermediate players will begin at 10 a.m. Tuesday at the China Lake tennis courts.

The classes, taught by Fred Hagist, will be offered on Tuesdays and Thursdays from 10 to 11 a.m., and from 5 to 6 p.m. There is a registration fee of \$14 per person, which is payable at the Center gym office.

In addition, there will be a tennis class for beginners that will be held on Wednesdays from 5 to 6 p.m., starting on Jan. 11. The fee for this class is \$7 for six weeks of lessons.

### Bowling Tournament

Military personnel interested in competing in the 12th annual interservice bowling tournament at the Naval Air Station, North Island, can obtain additional details by calling the Center Gym office at NWC ext. 2334. The tournament will be held on Saturday and Sunday, Jan. 21 and 22.

## NWC North team wins Admiral's Cup marksmanship event

Sharpshooters from the NWC North (airfield) team garnered top honors in the Admiral's Cup marksmanship competition that was held in mid-December.

In the overall scoring for this event, NWC North was tops with a total of 297, while VX-5 placed second with 258 points, and NWC South came in third with 239.

The top individual marksmen in each of the events, were both members of the NWC North team. They are AC1 Charles Fulks, who scored 229 out of a possible 300 in the .45 calibre pistol shoot, and AD2 Irvin Glenn, who knocked off 24 out of 25 clay pigeons in the trap shoot, and 22 out of 25 in the skeet shoot.

Although VX-5 dropped to second in the marksmanship competition, the Vampires remain on top in the overall Admiral's Cup standings with a team total of 22 points. NWC North is now in second place with 15 points and NWC South has 14.

For each event in the Admiral's Cup competition, the winning team receives 5 points, second is worth 3 points, and the third place team is awarded a single point.

Next in the series of Admiral's Cup events will be a racketball tournament which will take place some time around the end of January.

## Burroughs varsity cagers win league season opener

The Burroughs High School varsity basketball team opened its 1978 Golden League season on Tuesday night with a 62-49 win over the Quartz Hill Rebels in a game played at Quartz Hill.

Tonight, the Burros, who are coached by Larry Bird, will be on the road again—this time to Antelope Valley High School in Lancaster to take on the Antelopes, a team that is one of the favorites to win the league championship.

Tip-off time for the Burros vs. Antelopes varsity tilt is 8 p.m. Games between the Burroughs High freshmen, sophomore and

junior varsity teams and their counterparts from Antelope Valley will precede the varsity contest.

In Tuesday night's game at Quartz Hill, the Burros had a 9-8 lead with 1½ min. left to play in the first quarter, when a scoring spurt led by Barry Blagg and Al Tanner enabled the Rebels to surge ahead, 16-11, at the end of the first 8 min. of play.

It was a different story in the second period for the BHS cagers, however, as they outscored their single quarter scoring total of 21 points for the season to date, and left the floor at half-time with the score tied at 32-32.



**SWIM TEAM PRACTICE BEING HELD**—In preparation for the Indian Wells Valley swim team's 19th season of competition, practice sessions are now being held at the Center's indoor swim pool on Tuesdays and Thursdays from 3:45 to 6 p.m. Watching attentively as Diane Brown, the team's new head coach, demonstrates a free style swimming stroke, are (l.-r.) Danny Barthle, Bryan Wood and Russ Ekens, who are 10, 9 and 7 years of age, respectively. The practice is in preparation for the regular season of swim meets that will begin in May and continue through July. —Photo by Ron Allen

## Action resumed in Intramural League basketball; earlier results reported

NWC Intramural League basketball action resumed Tuesday night at the Naval Weapons Center gymnasium, following a two-week layoff during the Christmas-New Year's holiday season.

At approximately the midway point in the season, the Loewens and Devils Guns quintets have established themselves as the top contenders in Division A with records of 5-1 and 5-2, respectively.

In Division B, the Foremost Boys have won their first five games, and are followed in second place by the Bebops, who have won 5 and lost 2, while in Division C there are three teams at or near the top of the heap. They are Team W, with a 3-0 record, and the Renegades and the Wild Bunch, each with a 3-1 record.

Since the last account of Intramural League Basketball in the Dec. 16 issue of the Rocketeer, the Loewens cagers spiked the Devils Guns, 58-55, on Dec. 13, and in an extremely close Division B contest that same night, the Bebops edged the Short Horns, 55-54. Also on Dec. 13, the Medicine Men deflated the Gasbags, 40-31, in a Division C tilt.

On Dec. 14, Desert Motors pulled off a mild surprise in Division A by outscoring the F.A.C. team from Trona, 57-47, and the Worms defeated the Speedway squad, 43-29, in a Division B game.

The Clansmen came close to upsetting Loewens, but lost by a 2-point margin of 54-52, on Dec. 15. In two other games that night, the Foremost Boys trounced the Bebops, 74-46, and Team W corralled the Renegades, 42-31.

In games played on Tuesday, Dec. 20, the Foremost Boys started things off with an easy 57-28 win over the Short Horns, while the Devils Guns had little difficulty disposing of the Clansmen, 80-42. Also on Dec. 20, the Lobos defeated the Jokers, 47-39.

Action got under way on Wednesday, Dec. 21, with a Division C game between the Wild

Bunch and Medicine Men which was won by the Wild Bunch by a final score of 59-53, and the Devils Guns improved upon their record in Division A by bombarding F.A.C. by a score of 54-44.

Games scheduled next week are as follows:

Tuesday, Jan. 10—Wild Bunch vs. Team W, 6 p.m.; Desert Motors vs. Devils Guns, 7:15 p.m., and Worms vs. Short Horns, 8:30 p.m.

Wednesday, Jan. 11—Renegades vs. Medicine Men, 6 p.m.; Clansmen vs. Loewens, 7:15 p.m., and Foremost Boys vs. Bebops, 8:30 p.m.

Thursday, Jan. 12—Lobos vs. Gasbags, 6 p.m.; Desert Motors vs. F.A.C., 7:15 p.m., and Worms vs. Speedway, 8:30 p.m.

## Officers' installation journey planned by CL Men's Golf Club

The China Lake Men's Golf Club will hold an officers' installation tournament and dinner-dance on Saturday, Jan. 14.

Weather permitting, the tournament is scheduled to get under way at 8 a.m., and will be run in flights with full handicaps of 8 and under, 9 through 11, 12 through 16, 17 through 21 and 22 and over.

Golfers who wish to participate in the tournament only will be charged an entry fee of \$4 each. Other tournament entrants who plan to attend the dinner-dance will be charged \$7 each, as will any guests who wish to attend the dinner-dance only.

The dinner-dance will take place at the Commissioned Officers' Mess, beginning with a social hour at 6 p.m.

The deadline for registration is next Wednesday, Jan. 11. Golfers interested in competing in the tournament are asked to contact Earl Roby, Dick Rusciollelli, Ed Nelson, John Emery, Bob Hooper or Mike Sanitate. Entry forms also are available at the golf course clubhouse.

Dave Furstenberg came off the bench for the Burros in the second quarter and ignited a rally by hitting on his first four shots from the floor.

At the start of the second half, the BHS hoopsters came out in a man-to-man defense which temporarily befuddled the Rebels. The Burros collected four quick field goals to take a 40-32 lead. Furstenberg and Richie Drake each tallied 4 points in the third quarter, during which the locals outscored their opponents 18-7 as they vaulted into a 50-39 lead.

While the Burros had only a 2-point scoring edge in the final period of play, their strong performance in the second and third quarters was enough to insure them a win by the final score of 62-49.

### Top Scorers for BHS

Top scorers for the BHS varsity were Furstenberg and Will Levy with 13 and 12 points, respectively. Levy led the Burros in rebounding with 12.

Tanner, of Quartz Hill, was the game's high point man with 20, and Blagg contributed 14 in a losing cause for the Rebels.

In final preparation for the start of the Golden League season, the Burros competed on Wednesday, Thursday and Friday of last week in the 21st annual Kern County Invitational Basketball at Bakersfield College.

During their three tournament tilts, the Burros defeated Garces High, 74-53; were defeated, 70-58, by Foothill High, and lost in the final seconds of play to Highland High by a score of 71-68.

### Burros Played Well

In that final tournament contest against Highland High, Coach Bird reported that the Burros "played a good game against an excellent ball club." The local varsity quintet led 35-29 at half-time and trailed by just a single point with 22 sec. left to play in the game which the Highland High Scotsmen won by a 3-point margin.

Although the BHS hoopsters outscored Highland from the floor, with 31 field goals to 26 for the Scotsmen, the locals were able to tally only 6 times from the free throw line, while the Highland High cagers cashed in on 19 charity tosses.

Levy with 19 and Terry McRoberts with 10

(Continued on Page 7)

## 45 runners entered in Over-Hill Track Club's 5-mi. prediction run

During the Christmas-New Year's holiday break, a 5-mile prediction run was staged by the Over-the-Hill Track Club.

There were 45 participants in this event, and two of them (Lee Ann Kech and Norm Nieberlein) tied for first place by predicting their exact times for completing the 5-mile course, which began at the fairgrounds in Ridgecrest.

This was not a speed contest, but an event in which each runner attempted to run the 5-mile distance in a predetermined time. However, cold and blustery winds made

Arrangements have been made by the Over-the-Hill Track Club for showing a film of the Olympic Games marathon run trials. This 28-min. movie will be presented by the Special Services Division on Tuesday, starting at 7 p.m., at the Center theater. There is no admission charge.

running difficult and the pace hard to determine.

Some runners missed their predicted finish times by as much as 15 minutes.

Those who received medals for their efforts, in addition to the two runners already mentioned, and the difference between their actual and predicted finish times, were as follows:

Dick Hughes, 3 sec.; Frank Rugg and Mike Hartney, 12 sec.; Danny Freyne, 17 sec.; Mark Pohl, 19 sec.; Dave Rugg, 21 sec.; Jim Murray, 28 sec.; Scotty Broyles, 30 sec.; Gerald Stevens, 38 sec.; W. Boutzale, 49 sec.; Jack Clark and Ed Patterson, 52 sec.; and Ricky Jones and Mike Johnson, 56 sec.



**MERITORIOUS SERVICE MEDAL PRESENTED**—Rear Admiral William L. Harris, NWC Commander, extends his congratulations to Frederick M. Nathan, a retired colonel in the U. S. Army Reserve, after presenting the latter with a Meritorious Service Medal on behalf of the Secretary of the Army.

## Ex-Army Reservist receives Meritorious Service Medal

Frederick M. Nathan, a retired colonel in the U. S. Army Reserve who is employed as a principal management analyst in the Management Division of the Office of Finance and Management, was the recent recipient of a Meritorious Service Medal. The presentation, which was made by Rear Admiral William L. Harris, NWC Commander, on behalf of the Secretary of the Army, was in recognition of Nathan's "outstandingly meritorious service as a Citizen Soldier of the U. S. Army Reserve during the period from Jan. 17, 1969, to Aug. 25, 1976."

The citation which accompanied the Meritorious Service Medal noted that Col. Nathan's service as a member of the Army Reserve "was characterized by selfless dedication and contributed greatly to the effectiveness of the Reserve Components."

### 30 Years in Army Reserve

Nathan had been an Army Reservist for 30 years—since his discharge following three years of active duty in September 1946. Trained initially as an infantryman, he later served as a line and staff engineering officer with an Army construction battalion on the Island of Luzon in the Philippines from July 1945 until just prior to his release from active duty in 1946.

His association with the Naval Weapons Center began in March 1951 at the Naval Ordnance Test Station's Pasadena Annex, where he was employed for eight years. At the time he left Pasadena for China Lake for training in the management analysis field, Nathan was head of the Personnel Division at the Pasadena Annex.

### Assigned to Central Staff

A one year executive development agreement initiated in March 1959 worked into a permanent assignment for Nathan in Central Staff—now the Office of Finance and Management.

From about 1965 through 1975, Nathan, whose promotion to colonel in the Army Reserve dates back to 1971, served almost exclusively as the Center's organizational communication officer—a position involving aspects of management analysis and personnel administration.

This position involved a comprehensive knowledge of the Navy research, development, test and evaluation environment, skill in applying the behavioral sciences, and extensive contacts with NWC top management and senior military and civilian headquarters managers.

Part of this time, Nathan functioned in a staff role to the Director of Navy Laboratories and the Interlaboratory Committee on Personnel Administration. While he was employed in the personnel field as a civilian at the Pasadena Annex, Nathan held various Army Reserve mobilization assignments and served on active duty for training in military personnel management work.

After 1959, however, he transferred to the Army Comptroller's Office and was assigned to the management directorate. His active duty assignments frequently involved contacts at the general officer level on staff studies involving organizational changes, program evaluation and

## Johnson to visit India on Group Study Exchange

A trip to southern Indian and Sri Lanka (formerly Ceylon), an island in the Indian Ocean located off the southern tip of India, is coming up in mid-January for Richard M. Johnson, head of the Resources Group in the NWC Laboratory Directorate.

Johnson, who has been a Center employee for the past seven years, applied and was accepted as a candidate for the Rotary International Group Study Exchange program. He will be joining five other non-Rotarians from local District 531 on a six-week stay overseas.

The Group Study Exchange, an educational activity of The Rotary Foundation, offers a unique person-to-person opportunity for the promotion of better understanding and friendly relations among the peoples of the world.

### Travel Grants Provided

The program provides travel grants for exchange of teams of young business and professional men between Rotary Club Districts in different countries, thus enabling the participants to study the institutions and ways of their hosts, develop personal acquaintances and exchange ideas.

A Group Study Exchange team from India was here this past year, and in 1978 District 531 (which includes the Rotary Club of China Lake) is reciprocating by sending the Group Study Exchange team that will include Johnson to the southern part of India and the Island of Sri Lanka.

Except for the group team leader, who is a Rotarian from District 531, all other members of the team have no affiliation

with Rotary International.

Johnson, whose community activities include an interest in public mental health, with emphasis on the schools, devotes a considerable amount of his time to the Desert Counseling Clinic. He is a member of the DCC corporate board and the executive board, and serves as treasurer and chairman of ways and means.

He feels, he said, that this trip abroad will be an "excellent investment of time—probably one of the best," he added, and he is looking forward to the exposure to the people of India and their culture which he will receive.



Richard M. Johnson

## Dr. Howard Wilcox, former Centerite, receives IEEE Outstanding Technical Achievement Award

Dr. Howard A. Wilcox recently received the 1977 Outstanding Technical Achievement Award from the Council on Oceanic Engineering of the Institute of Electrical and Electronics Engineers (IEEE).

The award, presented by the president of the IEEE during the Ocean's 77 Conference in Los Angeles, was granted for his "outstanding contributions to the development of the agricultural use of the ocean as a potential means for meeting mankind's food and energy needs, and leadership in advancing the technology for marine farming."

Mentioned specifically was the ocean farm project, which Dr. Wilcox initiated in 1972 at the Naval Weapons Center and which was transferred to the then Naval Undersea Center (now Naval Ocean Systems Center) in San Diego in 1974. He managed the project there until 1976 when it was turned over to the General Electric Co.

Dr. Wilcox has had a long and distinguished career as both a scientist and a manager. He came to the Naval Ordnance Test Station (forerunner to NWC) in 1950, serving as project engineer on the Sidewinder program. He also served as head of the Weapons Department, head of the Research Department, and Assistant Technical Director (Research) before leaving NOTS to become Deputy Director, Defense Research and Engineering, in 1959.

In 1971 he returned to the Center as Consultant to the Technical Director and

served in that capacity until his transfer to the Naval Undersea Center in 1974.

Dr. Wilcox continues to consult on the ocean farms project, although his major work at the Naval Ocean Systems Center now deals mainly with anti-submarine warfare systems and technologies.

## Plans announced for Bluejacket of Year banquet on Jan. 21

Plans have been announced for the annual NWC Bluejacket of the Year banquet, which will be held on Saturday, Jan. 21, at the Chief Petty Officers' Club.

The evening will begin at 6:30 with a social hour, and a roast beef dinner will be served at 7:30. Introduction of the seven Bluejacket candidates will be made after dinner, as will announcement of the 1977 winner.

The Bluejacket of the Year banquet is sponsored annually by the Indian Wells Valley Council of the Navy League. Its members have chosen this way to honor outstanding enlisted sailors in their community.

Tickets, priced at \$7 per person, can be ordered by calling Barbara Tunget, phone 375-1508; Carol Karlberg, at 375-1318, or Iva Jeane Mallory in the NWC Office of Information, phone ext. 3511.

The deadline for reservations for the Bluejacket of the Year banquet is Monday, Jan. 16.

## Schedule set for giving flu shots to civilians

Civilian employees of the Navy may receive free flu shots immunizing them against both the A-Victoria and Hong Kong strains of flu.

The shots will be administered at the Salt Wells first aid station on Monday and Tuesday, Jan. 16 and 17, between 8:30 and 11:30 a.m., and from 12:30 to 3:30 p.m.

They also will be provided at the Armitage Field sickbay on Jan. 16 and 17 from 8:30 to 11:30 a.m. only.

In addition, flu shots will be provided on Wednesday and Thursday, Jan. 18 and 19, from 8:30 to 11:30 a.m., and from 12:30 to 3:30 p.m. at the Michelson Laboratory first aid station.

Johnson and the other members of this Group Study Exchange team will gain a comprehensive view of the economy of southern India and the Island of Sri Lanka by visits to farms, factories and places of business. In addition, the opportunity will be provided for discussions with business and professional men on trade and tariff matters, business techniques and labor relations.

Team members are scheduled to visit governmental and legal institutions to see foreign government and law at work, and also will visit schools and colleges in order to observe and discuss the county's educational system.

### Widely Varied Itinerary

Places of historical, cultural and scenic interest will be on the itinerary of the Americans, who will come into contact with family life at all income levels, and will be given opportunities to observe and study cultural activities and religious life, and participate whenever possible in the recreational life of the people.

In return, Johnson and other members of his Group Study Exchange team will be called on to make presentations and answer questions about this country at meetings of Rotary Clubs in Indian and Sri Lanka.

Johnson, who came to China Lake in October 1970 from a job in San Francisco as a systems analyst for Electronic Data Systems, has a bachelor's degree in behavioral science, which he received in 1965 from San Diego State University, and a master's degree in political science that was awarded to him in 1969 by the University of California at Riverside.

## Hillyer selected as Tech Director . . .

(Continued from Page 1)

a Holloway Plan Fellowship, he went right from college into the Navy with the rank of ensign and was assigned to work at NOL Corona on safety arming devices and contact fuzes for the Sidewinder 1A and 1C missiles.

When his three years in the Navy were up in 1960, Hillyer decided to remain at Corona as a project engineer in the Electromechanical Fuze Branch. More schooling followed when (in 1962) he enrolled at UCLA to study for his master's degree.

### Received Master's Degree

Dividing his time between school and work, he received a master's degree in mechanical engineering (with a specialty in dynamics) in 1964. Later that same year, Hillyer was awarded a Weapons Control Systems Engineering (WEPCOSE) fellowship under which he continued his academic program in dynamics, computer applications and applied mathematics.

After completing this academic year of study, he returned to work with the Electro-Mechanical Division at Corona, where he was in charge of a program to demonstrate the feasibility of sea-launched satellite interceptor vehicles. His ability was recognized by steadily increasing

## ASPA lunch speaker to discuss funding sources for area

Joseph N. Baker, vice-president of Public Technology, Inc., will be the featured speaker at a luncheon meeting of the East Kern County Chapter of American Society for Public Administration (ASPA) next Tuesday. The meeting, which will be held at Mr. P's Playhouse, will begin at 11:45 a.m.

Baker will discuss sources of funding available to the local community. His expertise results from knowledge gained during a 25-year governmental career during which time he served variously as city manager of the City of Burbank, Calif.; city manager of Gladstone, Mo.; and as a member of the Bureau of Investigation of the State of Kansas.

His talk is being sponsored by the Intergovernmental Relations Committee of ASPA, chaired by Dr. Rex Schacklett, a former mayor of the city of Ridgecrest. The meeting is open to all interested persons in the community.



Joseph N. Baker

## Charges for dependents' hospital care increased

Beginning Jan. 1, 1978, dependents of active duty military personnel are being charged \$4.40 per day for inpatient medical care received from civilian sources, and will continue to pay a minimum of \$25 if they are hospitalized for less than six days.

The new rate, up from \$4.10 per day, is the same rate paid by dependents for inpatient care at military hospitals. These charges are adjusted periodically to reflect changes in military pay.

responsibilities that included his selection as a branch head in October 1967 and he was then moved up to become assistant head of the Systems Analysis Division at Corona in June 1968.

Over the years, Hillyer has been involved in a number of the Fuze Department's major fuze development programs, including Agile, Phoenix, HARM (high-speed anti-radiation missile), the AIM-9L, Sidewinder and Sparrow.

In addition, he has written some 15 publications, principally in the field of guided missile fuzing.

Job-oriented activities also handled by NWC's new Technical Director have included serving as a member of the recruitment panel and on the Fuze Department's and Center's Performance Recognition Committees. In addition, since moving to China Lake, Hillyer has been involved in the selection of science and engineering training courses offered at the NWC Training Center, and has served on a computer equipment advisory committee.

### Others in Family

Hillyer is married to the former Luverne Glynn. They have four children — Gina, Linda, Michelle and Thomas. The two older daughters, Gina, 22, and Linda, 21, are both graduates of Burroughs High School and are living in Alamosa, Col., and Riverside, Calif., respectively.

Michelle is a senior at Burroughs High, where she is active in tennis, the Ski Club and the Key Club, while Tom, a sophomore at BHS, is a member of both the marching band and the stage band, as well as the Ski Club.

Mrs. Hillyer is active in the Women's Auxiliary of the Commissioned Officers' Mess, the Thrift Shop and the Pink Ladies auxiliary at the Ridgecrest Community Hospital.

Favorite family activities include snow and water skiing, camping, backpacking and fishing.



MID-AIR REENLISTMENT — Cdr. M. D. Munsinger, (l.) Executive Officer of Air Test and Evaluation Squadron 5, congratulates the leading chief petty officer of the command for VX-5, Chief Aviation Machinists Mate Kenneth E. Hunker on his reenlistment for six years. The reenlistment took place while both men were airborne in the squadron's C-1 aircraft. ADC Hunker has served 22 years in the Navy and has been stationed at China Lake since August 1975.

## Consortium of California State University, Colleges offers two winter quarter classes

The Consortium of the California State University and Colleges has scheduled two courses in the local area starting next week.

Winter quarter offering in the field of Public Administration is "Analytical Methods and Processes for Public Administration" (PA R540), which will be taught on Wednesdays, (Jan. 11 through March 15), from 4 to 9 p.m. at the Training Center. Fee for the course is \$160.

During the course, Dr. Mohammad Ahmadi, associate professor of management science, will discuss systems analysis, decision theory, cost / benefit analysis, MIS

linear programming, administrative planning and evaluation, and computer applications.

"Psychology of Consciousness" (Psych R477.031) will be taught on Tuesdays, (Jan. 10 through March 14), from 4 to 9 p.m., at Burroughs High School. Fee for this five quarter unit course is \$140. Prerequisites for enrollment are two courses in psychology or the consent of the instructor.

Dr. Edwin Sasaki, associate professor of psychology and department chairman, will cover perspectives on the diverse dimensions of human consciousness by examining contemporary studies of brain function, perception, cognition, creativity, hypnosis, sleep, dreams, and alternations of consciousness, as well as traditional esoteric psychologies of many Eastern cultures.

NWC employees may be entitled to a tuition refund for attending either course. It is not necessary to be in the consortium degree program to register, and those who do not desire credit for the courses may make arrangements to audit only.

Anyone seeking further information about either of these courses or the program should call Vicki Ayers at NWC ext. 2359 or 2451.

## Long term training programs available to NWC personnel

Naval Weapons Center employees may apply for long-term training programs administered by the Office of Civilian Personnel (OCP). The deadline for applications is Jan. 16.

These training programs include attendance at the Industrial College of the Armed Forces; the National War College; the Naval War College; Education for Public Management; Education Program for Federal Officials at Mid-Career, conducted at Princeton University; and the Sloan Fellows Program, conducted at the Massachusetts Institute of Technology.

The deadline for the Fellowship in Congressional Operations is Feb. 1.

Funding for the programs may be available from OCP to cover tuition (where required), travel, per diem, and shipment of household goods.

All candidates must be full-time permanent employees, Grade GS-12 or above, and have a bachelor's degree. Each of the OCP-administered programs also has specific qualifications particular to that program.

For information about program descriptions, details on application procedure, and selection criteria, those interested should contact Terry Mitchell on NWC ext. 2648.

## Maturango Museum reports on building fund drive progress

A financial report for the purpose of bringing local area residents up to date on the progress of the Maturango Museum building fund drive, and to solicit further support of this communitywide endeavor, was released recently by Carroll Evans, treasurer of the museum's board of directors.

Evans reported that recent contributions have increased the museum's building fund to a total of \$62,750, which includes \$55,950 in cash and \$6,800 in pledges.

The Maturango Museum, currently located at China Lake, has plans for a new building that will be located in the Kern Desert Regional Park in Ridgecrest. As presently planned, and at current building costs, it is estimated that the new structure will cost between \$250,000 and \$300,000 to build.

For years, the board of trustees of the museum recognized the need for a larger building to house its exhibits of the history

of the Indian Wells Valley and the Upper Mojave Desert. For this reason, the building fund was established in early 1973 in order to provide the funds needed for construction of an educational and cultural center in which to preserve the history of the area.

### Immediate Goal

The immediate goal of the museum's board of directors is to increase the building fund to a total of \$100,000. With this evidence of community support, museum officials believe it will be possible to find foundations and grantors who will guarantee the additional funds required for a new museum building.

The present building fund total has been achieved as the result of a devoted and widespread volunteer effort on the part of many organizations and individuals in the local area, in addition to fund-raising efforts staged by the museum itself. The latter include the popular Maturango Museum luncheons and the celebration of Maturango Junction Day.

In addition, civic and service organizations have a staged fund-raising activities for the benefit of the museum fund. Among groups that have helped in this way are the China Lake Rotary Club, the Ridgecrest Kiwanis Club, the American Heritage Committee, the Altrusa Club and the High Desert Junior Women's Club.

Individuals also have lent their time and talents to help bring in money for the building fund. Topping this list are the contributions of Bette Jacks and Rose Varga, museum officials report.

### Founder Title Reactivated

In a stepped up effort to achieve its initial goal of \$100,000, the Maturango Museum board of directors, has reactivated an honorary membership title, that of Founder. A Founder is an individual, family, or organization which has given or pledged \$1,000 to the museum building fund.

Each Founder may select a name or names that will be inscribed on a ceramic tile to be mounted in a permanent place on the entrance hall of the new museum building.

The Maturango Museum is an independent, non-profit California corporation and, as such, contributions to it are tax deductible. Anyone who is interested in more information about either the new museum building or donations to the building fund may call the museum (446-6900), K. H. Robinson, the museum director, or any of the following members of the museum's board of directors:

Lorraine McClung, Bruce Wertenberger, George Silberberg, Carroll L. Evans, Jr., Susy Rafal, Janet Westbrook, James Baird, Dr. Robert Berry or Elizabeth Babcock.

## WEPCOSE Training Program applications due by Wednesday

Naval Weapons Center employees may apply now to participate in the Weapon Control Systems Engineering (WEPCOSE) Graduate Training Program. Deadline for applications is next Wednesday.

The Office of Civilian Personnel may provide funds to cover tuition, travel, per diem and shipment of household goods for successful applicants.

Applicants must have career status and no previous participation in a long-term training program, and must be performing work related to weapons control systems development.

In addition, those applying must hold a bachelor's degree in aeronautical, chemical, electronic, marine, or mechanical engineering or in mathematics or physics, and must be qualified for admission to an appropriate graduate school.

Those interested in further information about either application details or selection criteria should contact Terry Mitchell by calling NWC ext. 2648.



WORK WELL DONE — Dr. Charles J. Thelen (l.), Missile Propulsion Technology Administrator, is congratulated by Burrell W. Hays, head of the Ordnance Systems Department, for receiving a Sustained Superior Performance award of \$1,126. Dr. Thelen, who is head of the Propulsion Technology Office in Code 32, received this award for work accomplished between March 1976 and August of last year. —Photo by Ron Allen

## Dr. Charles Thelen receives award for Sustained Superior Performance

Dr. Charles Thelen, head of the Propulsion Technology Office in the Ordnance Systems Department and Missile Propulsion Technology Administrator, recently received a Sustained Superior Performance Award of \$1,126 for his outstanding work during the period of March 1976 through August 1977.

Dr. Thelen has been the Center's Propulsion Technology Block Coordinator and administrator for the past several years and created the Navy's Block Funding concept pertaining to NWC and propulsion.

## Details announced of college spring semester registration

Registration for the spring semester at Cerro Coso Community College will be held from Jan. 19 through 26, with classes beginning on Jan. 30.

Pre-enrollment counseling for those taking courses toward a specific degree program, or who have questions regarding a choice of what subjects to major in, graduation requirements or transfer credits will be offered until Jan. 26.

Appointments will be necessary for counseling on weekdays from now through Jan. 19; these may be made by calling 375-5001, ext. 34. Walk-in counseling will be available on Jan. 20, 25, and 26 from noon to 6 p.m., and on Jan. 23 and 24 from noon until 4:30 p.m. All counseling will take place in the College Counseling Center.

Registration for handicapped students, student registration workers and the college staff will be held on Thursday, Jan. 19, from 9 a.m. until 8 p.m. in the Office of Admissions and Records.

Students who were enrolled in the fall 1977 semester may register on Friday, Jan. 20, from 2 to 6 p.m.

Open registration for all students will be held Jan. 23 and 24 from 1:30 to 4:30 p.m., and Jan. 25 and 26 from 2 to 6 p.m. in the Student Center.

Enrollment at Cerro Coso College is open to all high school graduates, non-graduates who are over the age of 18, and high school juniors and seniors who have prior written permission of their principal.

No tuition is charged California residents. Sole cost to students is for textbooks and supplies, and minimal laboratory fees for a few special courses.

## Unexpected death of NWC employee dims holiday spirit

The festive spirit of the holiday season at China Lake was diminished last week by news regarding the unexpected and untimely death of Gwendolyn "Wendy" S. Sumrall.

Mrs. Sumrall, 37, was employed as the office services supervisor for the Systems Development Department, and had worked at China Lake for the past seven years.

She died on Tuesday, Dec. 27, following oral surgery at the office of Dr. William F. Baker, a dentist in Lancaster. Efforts by paramedics to revive her when an emergency condition arose failed, and she was rushed to nearby Antelope Valley Medical Center where she was pronounced dead a short time later at around 6:15 p.m.

Funeral services for Mrs. Sumrall were held this past Monday afternoon at the Groman Eden Chapel in Mission Hills (San Fernando Valley area), and interment followed at the Eden Memorial Park.

Among her survivors is her husband, James B. Sumrall, a detective sergeant with the China Lake Police Division, who began work here in June 1968.

A memorial service for Mrs. Sumrall will be held tonight in the East Wing of the All Faith Chapel, following the regular Friday evening Sabbath Service of the NWC Hebrew Congregation.

The memorial service, which is to be conducted by Student Rabbi Sol Goodman, will begin at around 8:30 p.m.



FROCKING CEREMONY HELD — With the assistance of his wife, Miriam, Gregory Waddington, administrative services officer at the local branch clinic of the Naval Regional Medical Center in Long Beach, tries on his new uniform jacket with its stripes on the sleeve indicating that he has been selected for promotion to the rank of lieutenant commander in the Medical Service Corps. Looking on right is Capt. Robert W. Taylor, MC, USN, officer-in-charge of the local branch medical clinic. Frocking is a process that is implemented when an officer has been selected for promotion, is serving in a billet of that grade or higher, but has to wait for a promotion date. L. Cdr. Waddington, who has been at China Lake since last July, transferred here from duty at the Naval Regional Medical Center at Subic Bay on the Island of Luzon in the Philippines. —Photo by Ron Allen