



**A RETURN ENGAGEMENT** — "Up With People" will be appearing at the NWC Theater on Saturday, Feb. 3, in a return engagement at China Lake. The cast of about 75 singers, dancers and musicians made their first appearance here in September 1976 to a "standing room only" audience. Members of the cast represent a cross section of race, background, religion and culture.

## World-renowned 'Up With People' show returns to China Lake Feb. 3

The "Up With People" show, an entertaining two hours of music and dancing which includes a broad range of contemporary and traditional material, will be presented at 8 p.m. on Saturday, Feb. 3, at the Naval Weapons Center theater.

The singers and dancers will be backed by a complete instrumental section of guitars, percussion, piano and brass. All told, more than 75 young people ranging from 17 through 25 years of age will be involved in the local presentation of "Up With People's" multi-faceted program, which is professionally arranged, directed and choreographed.

One of the young people participating in the program this year is a graduate of Burroughs High School. Carolyn Merrow, daughter of Mr. and Mrs. Raymond Merrow of Ridgecrest, is a versatile performer herself. She will sing and dance as well as perform on the violin.

In its vocal music selections, the group attempts to reflect the spirit of people. The songs are written against the setting of what is happening in the world today. The production has been acclaimed for its unique combination of high energy and the natural appeal of its young performers.

The "Up With People" cast due to appear at China Lake on Feb. 3 will travel to Pasadena for a performance there in the Civic Center on Sunday, Feb. 11.

"Up With People" is an independent, non-profit, educational corporation headquartered in Tucson, Ariz. The organization endeavors to establish a creative format for

communication and interaction between people of different cultures, nationalities, ages, and points of view.

While on tour, members of the cast live with host families in the communities where they are scheduled to appear, and the same will be true here. Housing for the night of the show on Feb. 3 is needed for the 80 members of the "Up With People" cast.

Local area residents who can assist by providing a night's stay in their homes for one of these young people are asked to contact Keith Seigler at the Daily Independent newspaper in Ridgecrest by calling 375-4481. The Daily Independent is the sponsor of this program. Complimentary tickets will be provided to all who help out in this way.

Tickets for the "Up With People" program are priced at \$4.50 for general admission, and \$3 for children, enlisted military personnel and senior citizens. The tickets can be purchased in Ridgecrest at the Daily Independent newspaper office, Deboni's Ice Cream Parlor, the Vinyl Disc record shop, or at the Gift Mart.

## Rumanian violinist Eugene Sarbu to perform at Center theater on Feb. 1

The Center theater will be the setting at 7:30 p.m. next Thursday, Feb. 1, for the fourth concert of the 1978-79 season presented by the Indian Wells Concert Association.

Featured will be Eugene Sarbu, young Rumanian violinist, whose most recent accomplishment is winning first prize in the prestigious Paganini International Violin Competition, which was held last October in Genoa, Italy.

During his local concert, Sarbu will be accompanied by pianist Levering Rothfuss and will play violin music by Beethoven, Saint-Saens, Bloch, and Franck. In addition, local concert-goers will hear the American premiere performance of "Varietude" by Finnish composer Rautavaara.

Concert tickets are priced at \$5 for general admission and \$3 for those over 65, under 21 and enlisted military personnel. Tickets are now on sale in Ridgecrest at the Music Man, Medical Arts Pharmacy, Gift Mart, Sports Etc., and Lilly's Dress Shop, and also at the Inyokern Market.

On Thursday, Feb. 1, tickets will be sold in the Center theater box office from 4:45 to 6:45 p.m.

Special-event passes will be available to concert goers at both NWC gates. Those not having NWC passes should be prepared to show their tickets or season memberships to the guard in order to expedite entry. For more information on tickets or the concert, the Concert Association may be contacted any time by calling 375-5600.

The Paganini honor was only the latest in a series of other recent awards gained by Sarbu. In July 1978, he won first prize and the audience prize in the Carl Flesch International Violin Competition, held in London. Immediately after that he performed the Brahms Violin Concerto with the London Symphony Orchestra, and a London Daily Telegraph newspaper headline declared him as being "Destined for Greatness."

Only a few months earlier, in January

1978, Sarbu made his New York debut. This impressive debut had followed Sarbu's winning of the Leeds (England) Young Musicians' Platform in November 1977.

The two latest awards won by Sarbu — first prize in both the 1978 Flesch and



Eugene Sarbu

Paganini competitions — were obtained after he had been booked by the Indian Wells Valley Concert Association for appearance in its 1978-79 series.

As an added bonus, Sarbu will present a school program and master class for local students (and the interested public) on Friday, Feb. 2, from 9:30 to 11:30 a.m. in the Burroughs High School lecture center. A general program, geared to elementary and junior high school students, will be offered from 9:30 to 10:15. This will be followed, from 10:30 to 11:30, by a master class for high school string students.

## Talent sought for 11th ND contest

If you can sing, dance or play a musical instrument, you can sign up to represent the Naval Weapons Center in the Eleventh Naval District Regional Talent Contest to be held in San Diego beginning on Saturday, Feb. 17.

The talent contest is open to all Navy, Marine Corps, and Coast Guard men and women. Acts must consist of comedy, dance, instrumental and vocal, or specialty acts including these elements.

Acts may be comprised of a single individual or a group not to exceed five persons with a maximum 5-min. running time.

NWC will be authorized to enter up to three separate acts.

Interested personnel may obtain the necessary entry information by calling Chief William Sanland, at NWC Ext. 2167, Carol Hape, Ext. 2909, or Art Amos, Ext. 2010.

## CLOTA presents awards at annual membership fete

Presentation of the Jane Bugay Memorial Award to Eleanor Lotee was the highlight of the evening at the Community Light Opera and Theatre Association's annual membership meeting, held last Saturday at the Chief Petty Officers' Club.

A long-term resident of the area and a hard worker for CLOTA over the years, Mrs. Lotee was honored with the organization's highest award for outstanding sustained achievement that has included acting, costume design and set construction, service on the board of directors, and direction and coordination of CLOTA's highly successful "Gaslighter" of 1977.

It was a banner evening for the talented Mrs. Lotee, who also won the best supporting actress award for her portrayal of Mamita in "Gigi."

Others winning the coveted Best of the Year awards were Elena Vitale, best director, for "How To Succeed in Business Without Really Trying"; Tom Lehmann, best actor for his performance as J. Pierrepont Finch in "Succeed"; Cathy Bleecker, best actress award for her portrayal of the title role in "Gigi"; and Mike Walker, best supporting actor as Bud Frump in "Succeed."

For Miss Vitale, who is a Technical Information Department employee, her award was the second good news of the evening. The membership had earlier voted to choose her as director of "Flowers for Algernon," which is planned as the fall production of CLOTA's upcoming season. Now in rehearsal is "Play It Again, Sam," directed by Steven J. Carter. The summer production will be "Stop the World, I Want To Get Off," directed by Mike Walker.

The only CLOTA actor ever to win two "best actor" awards in a row, Lehmann capped with this award an outstanding year that included a sensitive performance in Cerro Coso Community College's Drama 28 production of "Equus." Cathy Bleecker, who is a newcomer to CLOTA, is no novice at drama, having studied that subject at the University of Redlands and currently serving as drama instructor at Trona High School.

MOVIES

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

Regular starting time—7:30 p.m.

FRIDAY	JANUARY 26
<b>"THE DRIVER"</b>	
Starring Ryan O'Neal and Bruce Dern (96 min., rated R)	
SATURDAY	JANUARY 27
1:30 Matinee - Regular Adm.	
<b>"THE SLIPPER AND THE ROSE"</b>	
Starring Richard Chamberlain and Gemma Craven (128 min., rated G) 7:30 P.M.	
<b>"THE LAST WALTZ"</b>	
Starring The Band and Bob Dylan (124 min., rated PG)	
MONDAY	JANUARY 29
<b>"HEAVEN CAN WAIT"</b>	
Starring Warren Beatty and Julie Christie (108 min., rated PG)	
TUESDAY	JANUARY 30
<b>"MOMENTS OF THE RUNNER"</b>	
New film from "Runner's World" Admission free—7 p.m.	
WEDNESDAY	JANUARY 31
<b>"REVENGE OF THE PINK PANTHER"</b>	
Starring Peter Sellers and Herbert Lom (99 min., rated PG)	
THURSDAY	FEBRUARY 1
Indian Wells Valley Concert Ass'n Presents <b>EUGENE SARBU — RUMANIAN VIOLINIST</b> In Concert—7:30 p.m.	
FRIDAY	FEBRUARY 2
<b>"THE BUDDY HOLLY STORY"</b>	
Starring Gary Busy and Don Stroud (114 min., rated PG)	
SATURDAY	FEBRUARY 3
<b>"UP WITH PEOPLE"</b> Music and Dancing 7:30 p.m.	

U.S. Government Printing Office:  
1979—No. 11

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

PLACE  
STAMP  
HERE

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

## Impact of NWC on Kern County economy outlined

Information about the mission and work of the Naval Weapons Center, as well as the impact which the Center has on the economy of Kern County was presented by Rear Admiral William L. Harris, NWC Commander, during a talk given on Jan. 18 at the 1979 Business Outlook Conference held in Bakersfield.

As important as are the Center's payroll and the amounts of money involved in contracts awarded to the private sector is the fact that NWC is an established and stable organization, RAdm. Harris emphasized.

### Valuable Weapons Test Area

"NWC is one of the few remaining military installations with sufficient land and air space to test weapons under flight conditions and ensure that hazardous test vehicles are recovered safely," the NWC Commander pointed out before presenting a series of film slides and movie clips illustrating a sample of the development programs being carried out here.

Even though the total number of employees at NWC has decreased over the past several years, the work of the Center has increased, RAdm. Harris told the Business Outlook Conference audience. "We have been able to maintain a strong technical capability with a relatively constant number of scientists and engineers augmented by both professional and support services from the private sector," he said.

### Workforce to Increase

Also noted at this point was the fact that by July 1979, relocation of the National Parachute Test Range at El Centro, Calif., will add 110 civilian and 71 military personnel to the NWC workforce. "This will mean about 600 more residents in Ridgecrest and China Lake," the speaker added.

In remarks which focused attention on the importance of NWC to the economic stability and growth of the Indian Wells Valley and Eastern Kern County, RAdm. Harris reported that NWC expects to spend \$258 million in 1979. Of this amount, the military and civilian payroll will be \$110 million and it is anticipated that 44 million

(Continued on Page 4)

# nwc rocketeer

Naval Weapons Center  
China Lake  
California

January 26, 1979  
Vol. XXXIV, No. 4

## NWC's 1978 Bluejacket of Year award won by HM1 Timothy Jung

Hospital Corpsman First Class Timothy D. Jung, of the Naval Regional Medical Branch Clinic at China Lake, was named NWC Bluejacket of the Year for 1978 last Saturday night during a banquet sponsored by the Indian Wells Valley Council of the Navy League.

For the first time in a number of years, the Navy League also named a runnerup for the coveted award. The runnerup was Photographer's Mate Airman Gregory J. Parrish, who is assigned to Air Test and Evaluation Squadron Five's photographic laboratory.

### Tops Among Six Candidates

HM1 Jung, who was NWC's Bluejacket of the Month for October of last year, was selected as the winner of the 1978 title from among six candidates by a special screening committee two days before the banquet. However, neither these sailors, nor the over 200 guests attending the affair, knew who the winner was until Rear Admiral William L. Harris, NWC Commander, opened the envelope containing HM1 Jung's name and read it aloud.

Just before this RAdm. Harris had opened another envelope and announced the name of the runnerup, PHAN Parrish, who received awards totaling \$300. For his selection as the most outstanding Bluejacket at China Lake during the year 1978, HM1 Jung was awarded \$500 in cash, a NWC plaque, and the centerpiece from the head table, a floral arrangement contributed by a local flower shop.

Each of the four remaining Bluejacket candidates in attendance received a check for \$100, as will five winners of the monthly title last year who were not present. The



**BLUEJACKET OF THE YEAR** — Rear Admiral William L. Harris, NWC Commander, presents an NWC plaque and offers his congratulations to HM1 Timothy D. Jung, who was selected as NWC's Bluejacket of the Year for 1978. The selection was announced at an awards banquet held at the Enlisted Mess last Saturday. Dave Teasdale, Jr., (right) president of the Indian Wells Valley Council of the Navy League, which sponsors the annual event, presented HM1 Jung a check for \$500.

other candidates, besides Parrish in attendance, were AZ2 Sammie E. Goode, AQAN Lawrence P. Lenz, AE1 Barry Hileman, and AE2 Roger D. Wingerberg. Five Bluejackets were not present

because they had been transferred to other duty stations. They were AB1 Ray L. Vickers, YN2 Linda Bomberger, PN1 Samuel G. Thompson, AT2 Janece Carver, and AD2 Kelvin L. McSwain, each of whom will be mailed a \$100 check.

(Continued on Page 3)

## Improved radar controlled bombing system tested

The first part of a three-phase program of testing an improved radar controlled bombing system that is intended for delivery ashore in the early stages of an amphibious landing operation is now being conducted at the Naval Weapons Center.

The project test team consists of 30 Marine Corps officers and enlisted men from Camp Pendleton, the Marine Corps Air Station El Toro, and the Marine Air Detachment, Pt. Mugu.

This group includes an aviator, air support control officers, enlisted radar operators and technicians and maintenance personnel whose specialties vary from computer programmers to avionicsmen. They also are supported by a communications electronicsman and a generator mechanic.

In addition to the aforementioned group which is situated at B Mt., five members of the test team handle project aircraft maintenance work on the flight line at Armitage Field.

Maj. J. L. Johnson is the test team leader, while Maj. R. S. Williams is the assistant test team leader and project pilot. The Performance Specification Verification Testing (PSVT) of the AN/TPQ-27 radar is being coordinated by Al McDonald, a project engineer in the NWC Test and Evaluation Directorate.

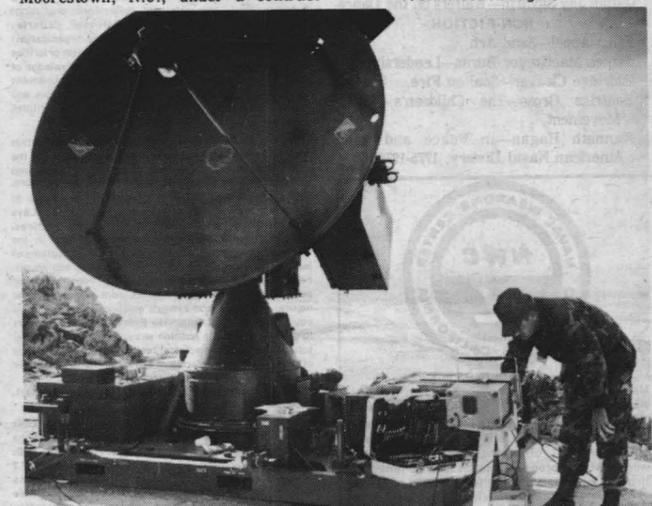
The system, temporarily located on B Mt. overlooking a portion of the NWC ranges, consists of a precision tracking radar (PTR), an identification friend or foe radar (IFF), and the command and control

shelter. The latter houses a computer, operator consoles and displays, and communication equipment.

The Service Test Model of the AN/TPQ-27 was built by the RCA Corp. of Moorestown, N.J., under a contract

awarded by the Naval Electronics Systems Command. In 1974, the system, which is designed to replace less sophisticated equipment presently in use, underwent several stages of testing before entering

(Continued on Page 3)



**PRECISION TRACKING RADAR CHECKED** — Marine GySgt. Don Collins, a maintenance technician from Camp Pendleton, gives the once over to the precision tracking radar, which is an integral part of an improved radar controlled bombing system.

— Photo by Ron Allen

## Military family housing survey to be conducted

The Housing Office at NWC will be conducting the calendar year 1979 family housing requirements survey during the next two weeks. The 1979 survey cycle is for the purpose of updating current and projected military family housing requirements data.

All military personnel assigned to family housing at China Lake (some 500 families), as well as unaccompanied personnel authorized Basic Allowance for Quarters (BAQ) at the with-dependents rate, will be completing a Family Housing Questionnaire that reflects their situation as of Jan. 31, 1979. The questionnaires, information for their completion and mail back envelopes will be distributed to individual members at their work site next week through their departments, divisions and tenant commands.

The input from the military respondents is extremely important as information obtained will assist the Navy in determining both the number of family dwelling units to be retained at NWC as well as their bedroom composition or "mix."

Questions with regard to the survey and completion of questionnaires should be directed to the Housing Office, phone NWC Ext. 2082.

THE CLUB BEAT

CPO Club

There will be a dance tonight at the Chief Petty Officers' Club in honor of "Los Amigos Hispanos."

Playing for this special occasion will be "Feliz," a Mexican mariachi band from Bakersfield led by Luz A. Gonzalez. The entertainment is scheduled from 9 to 1 a.m.

Dinner this evening will be prime rib of beef and Icelandic cod, which will be served from 6 to 9 o'clock.



A SCREECHING HALT — Officer Bruce Pelletier of the California Highway Patrol burns rubber as he unsuccessfully tries to "stop on a dime" during a recent safety demonstration given to about 180 students of Groves School at China Lake.

## Bicycle safety program presented at Groves School by CHP officer

"You can't stop on a dime," was the message graphically delivered to about 180 students of Groves School at China Lake by Officer Bruce Pelletier of the California Highway Patrol during recent bicycle safety talks.

After watching an Automobile Club of Southern California bicycle safety film, "Rules of the Road," students in grades three through six gathered on the school playground to watch CHP Officer Pelletier demonstrate the distance needed to stop in an emergency.

First he asked two students to run then stop when he gave a signal. Their stopping distance was about 4 to 5 ft. Next he asked a bicyclist to ride toward a simulated crosswalk and to stop on signal. His stopping distance was 31 ft.

Traffic cones were then placed in a crosswalk to represent students crossing a street and a dime was placed where a safe stop should be made.

## ASPA sets luncheon meeting on Feb. 2

James R. Lee, manager of Marketing Planning for the Aerospace Groups of Hughes Aircraft Co., will discuss "Who's Who in Washington" at a luncheon meeting of the American Society for Public Administration (ASPA) on Friday, Feb. 2, at the Commissioned Officers' Mess.

The meeting is open to everyone in the community who is interested in attending. Tickets for the luncheon are priced at \$3.75 for non-members of ASPA and \$3.50 for ASPA members. The lunch menu features beef Stroganoff.

Reservations for the lunch may be made by telephoning Eloise Burkland, at NWC Ext. 2634; Linda Roush, Ext. 3032; or Mickey Strang, Ext. 2027, during working hours; or Linda Roush at 375-5937, or Mrs. Strang, 446-2261, in the evening.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California  
Rear Admiral William L. Harris  
NWC Commander  
R. M. Hillyer  
Technical Director  
Dr. Robert H. Pearson  
Head  
Technical Information Department  
Don R. Yockey  
Editor  
Ernest Sutton  
Associate Editor  
Beverly Becksvoort  
Editorial Assistant  
Ron Allen  
Staff Photographer

## New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are 12 noon to 9 p.m., seven days a week (excluding holidays).

Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library.

### FICTION

Thomas Berger—Arthur Rex.  
Jean Davidson—The Golden Torrent.  
Shelby Foote—September September.  
Gail Godwin—Violet Clay.  
Joe L. Hensley—A Killing in Gold.  
Julian Jay Savarin—Waiters on the Dance.

### NON-FICTION

Ellen Appel—Sand Art.  
James MacGregor Burns—Leadership.  
Eldridge Cleaver—Soul on Fire.  
Beatrice Gross—The Children's Rights Movement.  
Kenneth Hagan—In Peace and War; American Naval History, 1775-1978.

**DEADLINES**  
News Stories Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.  
The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003. Phones 3354, 3355, 2347

## 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 097, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-116, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

**Clerk (Typing), GS-301-3/4, PD No. 7724013-1N, Code 2431** — This position is located in the Internal Security Branch of the Safety and Security Department. The incumbent performs a variety of functions including interviewing new employees and contractor personnel to obtain information for security clearance; types a variety of forms and letters, takes fingerprints, manufactures passes and identification cards; and maintains files and records. Job Relevant Criteria: Must be able to deal tactfully and courteously with the public; typing ability; must be able to work under short deadlines. Previous applicants will be considered and need not reapply.

**File applications for the above with Charlotte Sleskowski, Bldg. 34, Rm. 208, Ph. 3118.**  
**Purchasing Agent, GS-1105-5, PD No. 7025011, Code 2322 (2 vacancies)** — This position is located in the Purchase Branch, Contracts Division, Supply Department. Incumbent is responsible for a wide range of purchases of standard commercial items and services as well as some technical items. Quotations or offers are generally solicited by telephone. Incumbent is responsible to assure that the contract file contains adequate documentation to justify purchase actions. Job Relevant Criteria: Knowledge of small purchase methods and regulations; ability to work without close supervision; ability to deal effectively with others; ability to meet deadline dates under pressure. Promotion potential: GS-4.

**Clerk-Typist, GS-323-3, Supply Clerk, GS-2065-4, PD Nos. 7825088N / 7825011N, Code 2375** — This position is located in the Internal Control Section, Receipt Control Branch, Control Division, Supply Department. Incumbent will screen, count and separate all invoices; will prepare invoice Discrepancy Notices and return invoice to vendor when it cannot be matched to an order; will compute discounts on discount invoices and tag for expeditious handling. Will also perform timekeeping and mail receipt and distribution for the branch. Job Relevant Criteria: For clerk-typist — ability to type accurately and efficiently; ability to comprehend a variety of documents to be identified, categorized and distributed. For supply clerk — ability to understand and retain numerous instructions as to processing different documents; knowledge of supply functions and procedures; ability to comprehend a variety of documents to be identified, categorized and distributed.

**Voucher Examiner, GS-540-3/4/5, PD No. 7325022, Code 23753** — Applications will be accepted from station eligibles. This position is located in the Audit Processing Section, Receipt Control Branch, Control Division of the Supply Department. The function of this section is to receive, audit, certify and forward contractors' invoices for payment, maintain accurate payment records, and clear invoices. Incumbent's duties include: verifying documents for compliance with NWC and DoD established policies and procedures, initiating correspondence necessary to complete the auditing/processing of invoices and calculating applicable prices, discounts and charges. Job Relevant Criteria: Technical knowledge of voucher examining methods and regulations; technical knowledge of purchase methods and regulations; ability to work well under pressure; ability to plan and organize work.

**File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 3271.**

**Maintenance Superintendent, GS-1401-12/13, PD No. 7824022E, Code 244** — This position was previously advertised at the GS-13 level only. Previous applicants need not reapply. This position serves as head, Maintenance and Utilities Division, Public Works Department. The incumbent supervises a work force of approximately 350 employees. He is responsible for the efficient utilization of manpower and materials to construct, operate, alter and repair all NWC facilities and utilities. Must constantly evaluate the organization and methods of work and job responsibilities to increase efficiency within one of the Center's largest divisions. He/she establishes production goals and work schedules, develops cost and time forecasts and determines long range manpower requirements. Job Relevant Criteria: Knowledge of maintenance and utilities organization; ability to supervise; organize work and establish priorities in a complex work environment; thorough knowledge of NAVFAC Maintenance and Utilities management directives; must have knowledge of trade processes and operations related to a maintenance and utilities organization.

**Electrician, WG-2895-10, JD No. 457, Code 24421** — This position is in the Maintenance-Utilities Division of the Public Works Department. The incumbent plans proposed installations from blueprints, sketches and specifications, cuts pipes to size, threads, assembles, and fuses to building framework and pulls wire through conduit. Lays out, assembles, installs, and tests electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light, and power systems of buildings. Splices wires, cables, and auxiliary equipment, replaces defective wiring, overhauls and repairs motors, performs non-scientific electronics work of experimental nature, maintains and repairs electrical and electronic equipment in boiler plants. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; use of electrical test equipment; knowledge of electrical theory; electrical drawings; hand and power tools; safety and dexterity; technical practices.

**File applications for the above with Lucy Lambert, Bldg. 34, Rm. 210, Ph. 2032.**  
**Interdisciplinary, GS-9/11/12, PD No. 7831090, Code 3142** — This position is interdisciplinary in any of the following series: Mathematics, GS-1200; Physics, GS-1210; Electronics Engineer, GS-855. It is located in the A4/7 Simulation Branch, Avionics Division, Systems Development Department. The incumbent is responsible for the specification, design, testing, and day-to-day operation of the A-7 Simulation Facility. This includes hardware and software development, scheduling, providing facility demonstrations, and coordinating contractors for maintenance. Job Relevant Criteria: Ability to develop computer simulation systems; knowledge of FORTRAN and assembly languages; ability to perform systems analysis; knowledge of real time processing.

**Engineering Psychologist, GS-108-7, PD No. 7931023, Code 3175** — This is a part time position (30 hrs. a week). This position is located in the Human Factors Branch, Survivability and Lethality, Surface Targets Division, Systems Development Department. The branch conducts analytic and experimental investigations of man-machine interface problems in weapons and weapon delivery systems. The incumbent conducts human factors investigations in such areas as missile delivery and operation, and visual target acquisition. The incumbent will also participate as a member of the human factors team on aircraft and missile contract monitoring. Job Relevant Criteria: Experience in performing human factors work; familiar with special methodology required in conducting psychological investigations; ability to communicate effectively in writing. Promotion potential: GS-12.

**Clerk-Typist, GS-322-4, PD No. 7431139, Code 3183** — This position is located in the Systems Survivability Branch of the Systems Development Department. The incumbent types a variety of correspondence, receives calls and visitors, distributes mail, and maintains files. Job Relevant Criteria: Must be able to operate magnetic card typewriter; must be able to organize and maintain files. File applications for the above with Pat Gaunt Bldg. 34, Rm. 212, Ph. 2514.

**Mechanical Engineer, GS-830-13, PD No. 7832078, Code 3243** — This position is located in the Weapons Systems Branch, Conventional Weapons Division, Ordnance Systems Department. As a project engineer, the incumbent directs and conducts analytical and experimental studies to determine the applicability of ordnance weapons concepts. Directs the design of weapons and their components, insuring that the system will be interchangeable on existing and future aircraft. Insures that all studies, design work, fabrication, and tests are performed within budget. Responsible for technical coordination with other groups, including contractors. Controls and reports the progress and status of engineering efforts, cost estimates, expenditures, and procurement actions throughout the development and production of the weapon system. Job Relevant Criteria: Knowledge of chemical and mechanical engineering as they apply to ordnance weapons systems design; knowledge of military and Federal standards pertaining to weapon development; knowledge of contracts and contract processes; skill in interpersonal relationships; ability to communicate correctly and concisely, both orally and in writing.

**Electronics Engineer, GS-855-11, PD No. 7832019, Code 3247** — Incumbent conducts special studies on electronic components and subjects related to the operation of electrical circuits in the Gator system. Designs experiments for bench and field testing of electrical components. Performs electronic engineering design analysis, defining circuits and component size for Gator and its adaptor kits. Monitors design progress on electronic components and analyzes critical features. Prepares procurement drawings and specifications for the electrical

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## DIVINE SERVICES

PROTESTANT	
Sunday Worship Service	1015
Sunday School—All Ages	0900
Sunday School Classes are held in Chapel Annexes 1, 2, 4. (Dorms 5, 6, 8) located opposite the former Center Restaurant.	
Communion Service first Sunday of the Month.	
ECUMENICAL	
Wednesday Noon Bible Study	1130
Thursday Men's Prayer Breakfast	0630
ROMAN CATHOLIC	
MASS	
Saturday 1700 fulfills Sunday obligation	0830-1130
Sunday	0830-1130
Nursery, Chapel Annex 1	0815-1245
Daily except Saturday, 1135, Blessed Sacrament	
	Chapel
CONFESSIONS	
Daily	1115 to 1130
Saturday	1615 to 1645
Sunday	0800 to 0825
RELIGIOUS EDUCATION CLASSES	
Sunday First thru 6th grades	1015
Sunday Pre-school & kindergarten	1115
Sunday seventh & eighth (Junior High)	1900
Above classes are held in the Chapel Annexes across from the former Center Restaurant.	
Sunday evening Ninth thru 12th grades	
As announced "In Home" Discussion Groups	
	Youth Rallies
Contact Chaplain's Office for specifics.	
JEWISH SERVICES	
EASTWING—ALL FAITH CHAPEL	
Sabbath Services every Friday	1930
UNITARIANS	
CHAPEL ANNEX 95	
Sunday Services—(Sept.-May)	1930

## Film on distance running scheduled Tuesday at theater

"Moments of the Runner," a new film from Runner's World, will be presented by the Over-the-Hill Track Club and NWC Special Services Division at the Center Theater on Tuesday at 7 p.m.

Admission is free to everyone wanting to view the 28 minute, 16mm color film which offers not only a look into the heroic tradition of distance running, but more importantly it examines the fantastic appeal of this ancient sport today.

"Moments of the Runner" depicts all of the contagious enthusiasm that has made running so phenomenally popular in the United States. It examines five of America's most popular distance races. Each race is unique, but each is a testimony to the incredible boom in running all across the country.

The film also includes scenes showing the ruins of Greece and ancient Olympia, where the legend and mystique of distance running was born. Later the film moves ahead 1,500 years and looks at the 1980 Moscow Olympics. It is the work of more than 100 crew members in three countries.

## Rec. Roundup...

(Continued from Page 6)

the golf pro shop will be awarded as prizes. Registration is being handled by Fred Anderson, who can be called at 446-2923 after working hours.

### Pool Shooting Tournament

All persons interested in participating in a pool tournament in the Panamint Room of the Community Center are asked to contact Art Amos by calling NWC Ext. 2010. This event is open to both military and civilian men and women.

Eliminations will be started on Saturday, March 10, and continue on consecutive Saturdays until there is a final winner. The game will be 8 ball, and the object will be to win two out of three games from an opponent in order to advance in the tourney. There is a registration fee of \$1 per person. Awards will go to the winner and top runner-up.

### Gym Lockers Available

Lockers are available at the Center gym for the use of Athletic Association members.

There is an annual fee of \$12 per year for medium-size lockers; however, Athletic Association members who do not wish to rent a locker for the entire year may pay a daily fee of 50 cents for a locker and towel. Guests of Athletic Association members are charged a daily fee of \$2 for a locker, towel and use of the gym and its facilities.

## Burros win...

(Continued from Page 6)

the third period had reduced the BHS varsity lead to 61-57. Rick Roper, of the Falcons then hit a charity toss to trim the Burros' lead to 3.

After a timeout called by Coach Larry Bird to discuss game strategy, Drake tallied the first two of his final four clutch free throws, but the Burros' 63-58 edge was again cut to 3 when a Palmdale player also camed two charity tosses.

With 6 sec. remaining to play, the slam dunk by Motte gave the BHS quintet its final 5-point margin of victory over a stubborn Palmdale squad.

Motte, the Burros' center, was the game's high point man with 18, while Drake tallied 16 and Rob Tomaras chipped in 11—9 of which came in the first quarter. The Falcons were led by James Colver, who had 14 points, and Roper, with 11.

The Burros outrebounded the Falcons 36-24, and it was Dave Wirtz who snagged the lion's share of the caroms (13) for Burroughs. The Burros hit on 27 of 45 field goal attempts (60 percent). Drake and Motte were the pacesetters in this department of the game with 6 for 7 (86 percent) and 8 for 11 (73 percent), respectively.

# employee in the spotlight

By Ernest Sutton

Ask 100 people what is the most important month to them and you probably wouldn't get very many definite answers. But, Alice E. Lynn, library technician in the Acquisitions Branch of the Technical Information Department, will definitely say October.

Alice was born in October, she married in October, her first job here with a contractor began in October, and she started work here in Civil Service for the first time in October.

The very outgoing, friendly lady also moved to China Lake from Visalia, Calif., in October 1955. A year later she went to work for the Associated Aero Science contractor at the Naval Ordnance Test Station (NOTS). Alice was hired to assist in microfilming drawings and sketches of the Station.

In October 1959, Alice accepted a position in the Test Department as a clerk. There, she was responsible for filing, and typing notes on drawings and sketches. She later moved to the distribution desk of the Photographic Laboratory.

### Orders all publications at NWC

In her present job as library technician, Alice — whose brown hair hardly shows her 24 years here — is responsible for ordering all books, magazines, and periodicals for NWC. She verifies prices, publishers, and sources then does the necessary paperwork to order them. This is a job that sounds easier than it actually is. Some publications needed by NWC scientists and technicians are not readily available. Alice may have to do many hours of research to discover the source of the material desired.

"I have never done any hiring, but over the years I've done plenty of firing," Alice smiled, her brown eyes twinkling like Christmas lights.

### Her hobby is ceramics

Of course Alice has never fired anyone at anytime not even in October. Shortly after coming to Ridgecrest when it was "just a wide spot in the road," she became interested in ceramics and has been a member of the Desert Ceramics Club ever since.

"I just got through making some 24 inch ceramic Christmas trees," she said. "These are the largest items that I have made but I also like to do miniatures about an inch tall."

"I've done a lot of firing, but no hiring...."

Alice E. Lynn



Ceramics is a fun hobby for Alice. She says she likes it and now has her own kiln. And, this is where the firing comes in.

"Most pieces must be fired twice, and properly, so they don't graze (develop hairline cracks)," Alice stated.

Over the years she would have accumulated an immense amount of ceramic pieces if she hadn't given them away to relatives and friends. However, some of it is too dear to give away, such as the eight-place setting of stoneware that she made over a four-month period.

### Becomes jack of all trades

Ceramics isn't her only off duty interest. For a time, along with her husband, Arthur (a retired NWC employee), she became a carpenter, plumber, and electrician while they built their own home south of Inyokern.

"It was the typical dream home with some 3,000 square feet of floor space," Alice said. "It took us ten years working on weekends to construct." The house passed all of the required inspections and they moved in, in 1970.

Always interested in investments, they sold the home in 1973 buying a motel near Crater Lake in Oregon. In addition to this, their other investments now include 3 1/2 acres in Oregon, some business lots in Crescent City, Calif., and another home in Ridgecrest. They just sold 7 1/2 acres they owned in this area.

"My husband became a real estate broker in 1972, so in 1976 I went out and got a real estate license, too," she said matter of factly.

But, it entailed traveling to Lancaster after work once a week for three months on Thursday nights. School hours were from 6:30 to 11 p.m. and the round trip took over three hours.

"I had to pass the examination the first time around," she laughed, "because Arthur said I couldn't, and I did!"

Just as Ridgecrest has grown into a big little city during the years she has known it, Alice with all of her hobbies and work, has grown too. The October lady sees life as a challenge but she still has time to find fun along the way, even into the December of her life.

## Promotional Opportunities

(Continued from Page 2)

components he is working on. Assists in preparation of formal reports for publication. Job Relevant Criteria: Knowledge of electronic design of digital and analog circuits; knowledge of mechanical engineering; knowledge of integrated circuit design and manufacturing principles; skill in interpersonal relationships.

**File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.**

**Interdisciplinary Position, Aerospace Engineer, GS-861, Electronics Engineer, GS-855; Mechanical Engineer, GS-830-11/12; PD No. 7839124E, Code 3911** — This position is located in the RF Anti-Air Branch, Weapon Synthesis Division, Weapons Department. The incumbent is responsible for the design and analysis of autopilots, stability augmentation systems and guidance laws for advanced tactical missiles. Job Relevant Criteria: A strong background in classical and modern control theory is required. Experience in state estimation, optimal control and Kalman filters. Ability to develop accurate mathematical models of the subsystems associated with tactical missiles is also required.

**File applications for the above with Leah Reusche, Bldg. 34, Rm. 204, Ph. 2723.**

**Test Mechanic (Experimental Electrical Equipment), WG-2881-11, JD No. 131-3, Code 4123** — This position is located in the Aircraft Configuration Section. Duties are to make, modify, install and repair electrical portions of experimental aircraft fire-control systems, devise, install and repair missile cable harnesses, launchers, connectors, power supplies and other peculiar equipment. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; theory and instruments (electrical used in shop and trade practices); technical practices (theoretical, precise, artistic); ability to use electrical drawings; ability to use and maintain handtools (electrical work).

### NavPers announces new

#### lateral transfer policy

The Chief of Naval Personnel recently approved a policy change which will allow permanent limited duty officers through the grade of commander with no more than 28 years service to apply for lateral transfer to the unrestricted line, restricted line or staff corps.

The requirement of no more than 28 years service is suspended for 24 months from Nov. 1, 1978, to allow those senior limited duty officers with less than 30 years service sufficient time to consider and prepare for application.

**Aerospace / Mechanical Engineer, GS-861 / 830-9/11, PD No. 7742026, Code 4222** — This position is located in the Engineering Section, Track Operations Branch, Range Operations Division, Range Department. The incumbent will be responsible for the operation, maintenance, and improvements of NWC's major supersonic track ranges. Since the Engineering Section is involved in sled performance and construction and track range preparation, the incumbent will assume responsibility for sled ballistics, sled and accessory design, and range and track hardware modification. The incumbent will coordinate efforts of design groups, shop groups, operating personnel, instrumentation personnel, and contractor personnel towards the accomplishment of the test program on schedule. Job Relevant Criteria: Familiarity with track testing; ability to use general references and technical manuals; knowledge of mechanical and structural engineering; knowledge of propulsion engineering; knowledge of supersonic sled design. Promotion potential: GS-12.

**Personnel Clerk (Typing), GS-203-4/5 or Clerk-Typist, GS-322-4, PD Nos. 7465015 or 7000007-2N, Code 096 / 097** — Promotion potential-personnel assistant GS-5. This position is located in one of the Personnel Service Divisions of the Personnel Department. Incumbent performs the following duties for a major department(s): Processes all actions affecting appointment, promotion, pay adjustment, separation, retirement etc.; performs non-competitive qualification ratings; processes classification actions and maintains assigned files and records. Job Relevant Criteria: Ability to do clerical work and effectively with all levels of NWC employees; ability to work under stress and pressure; ability to plan, organize and accomplish work independently; ability to perform a variety of clerical functions; ability to type accurately and efficiently; ability to comprehend and apply regulatory information.

**File applications for the above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 3237.**  
**Engineering Technician, GS-802-10/11, PD Nos. 7834124N and 7734043-2N, Code 3453** — This position is located in the Engineering Drawing Branch, Technical Data Division, Engineering Department. Incumbent reviews drawings for clarity and completeness of requirements; proper use of specifications, standards and drafting symbols; ability to do technical work; quality assurance, reliability and maintainability. Incumbent has initial and continuing responsibility for the preparation and currency of design disclosure documentation for specific components, sections or units of the weapon systems. Assures that said documentation accurately reflects the design as determined by certain development engineers; that the data presented therein is adequately dimensioned and toleranced; that all necessary data including material callouts, current specifications and standards, special test procedures and other requirements are indicated; and most important, that the drawing will enable competitive procurement of

the design from private enterprise. Will be responsible for reviewing changes, comments as to their feasibility and incorporate approved changes into the master documentation. Job Relevant Criteria: Must have technical knowledge, understanding of dimensioning, tolerancing and documentation format; practical working knowledge of production methods, shop practices and a working knowledge of the various Military Standards and Specifications; ability to interpret and apply engineering principles; ability to coordinate and supervise the efforts of subordinates and technically communicate with design engineers, scientists and management.

**Editorial Assistant, GS-1087-7, PD No. 7736010N, Code 3456** — This position is located in the Specification Branch, Technical Data Division, Engineering Department. It involves performance of a variety of editorial functions to relieve the specifications writer / editors of work that does not require application of substantial subject-matter (equipment) knowledge. The incumbent will advise contractor personnel on format, grammar, syntax, style, and program peculiar requirements. He / she will revise specifications in accordance with instructions provided by specification writer / editors. Job Relevant Criteria: Knowledge of and ability to use general references and specialized military standards or regulations, including MIL-Std-100, 105, 414, 480, 490 and 961, DSAM 8200.1 and DoD-0-1000, DoD 4120.3.M, and NAVMATINST 4000.15; ability to oversee contractor efforts regarding the preparation of technical documents and advise contractor personnel on technical document preparation procedures; ability to work with specification writer / editors as a team member; knowledge of engineering terminology used in various technical documents.

**Chemical Engineer, GS-879-12; Materials Engineer, GS-806-12, Physicist, GS-1310-12 (Interdisciplinary), PD No. 7736011E, Code 3481** — This position is located in the Soldering Technology Branch, Position Assurance Division, Engineering Department. Incumbent is responsible for the establishment of state-of-the-art requirements for NWC soldering technology in materials (i.e., fluxes, solvents, cleaning materials, plating and coating, etc.) and performance of independent Exploratory Development and evaluation on projects that explore aspects of solder technology. Incumbent will serve as NWC and Navy representative to DoD and industry groups concerning cleaning and cleanliness testing of electronic assemblies and incorporation of methods and materials into the production cycle and technology base. Job Relevant Criteria: Knowledge of development and production of electronic assemblies, including the latest soldering and module wiring techniques, and printed wiring board manufacturing; ability to write and revise specifications and technical reports; ability to conduct independent investigations in the areas of soldering technology, electronic assembly manufacturing processes and cleaning techniques, and related areas; ability to provide training in the above areas.

**File applications for the above with Marge Stanton, Bldg. 34, Rm. 204, Ph. 2725.**



Recreation Roundup

Plans underway to organize military basketball team

Plans are currently underway to organize a basketball team composed of military personnel who will represent the Naval Weapons Center in 11th Naval District and Mojave Desert Inter-service League competition.

Military personnel interested in trying out for the NWC team, which is to be coached by Ernie Paiz, are asked to contact the Center gymnasium office as soon as possible by calling NWC Ext. 2334 or 2571.

Information on the dates and times of practice session will be released by the coach.

Swim Class for Youngsters

Swimming instruction for youngsters 4 years of age and over will be held on Saturdays at 10 a.m. starting on Feb. 3.

The classes will continue for nine weeks, and there is a registration fee of \$10 per student which can be paid at the gym office by those interested in attending.

Golf Tourney Slated

A tournament for golfers who are over 50 years of age will be held tomorrow, starting at 9 a.m., at the China Lake golf course.

There is an entry fee of \$4 per golfer. Gift certificates redeemable for merchandise at (Continued on Page 7)

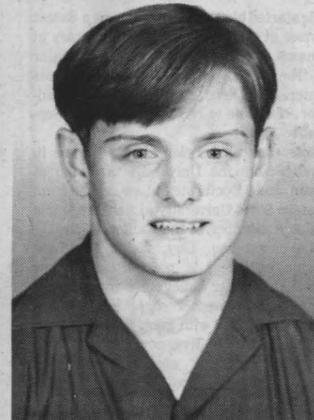
Wrestler from VX-5 places 2nd in 11th Naval Dist. tourney

AOAA Morris Schultz, a sailor assigned to duty with the Line Division of Air Test and Evaluation Squadron Five, won second place in the 114 1/2 lb. weight division of the 11th Naval District wrestling tournament held last Saturday at the Naval Amphibious Base in Coronado.

Schultz, who was the defending champion in this weight class, lost his first match by points (8-4), but came back to win the second one — also on points (13-6).

As a result of his showing in the 11th ND tourney, Schultz has been selected to participate in an All-Navy wrestling camp to train for the Interservice Wrestling Championships.

The training camp will be held in San Diego from Feb. 1 until the latter part of March. The top competitors in each weight division will then take part in the interservice championships.



AOAA Morris Schultz



BATTLE FOR BALL — Dave Bates (No. 11), of the China Lake Soccer Club, battles for control of the ball with two players from the Edwards Air Force Base team. They are Mike Bevilacqua (No. 19) and Paul McClung (No. 30). Visible in background at right is Denny Wilson, captain of the Edwards AFB team. The game ended in a 2-2 tie.

China Lake soccer team rallies, earns 2-2 tie with Edwards

Battling back from a 2-0 halftime deficit, players for the China Lake Soccer Club team shut out the visitors from Edwards Air Force Base in the second half while scoring twice themselves to earn a 2-2 tie in a game played last Saturday afternoon at Davidove Field.

The local adult soccer team, which has a 1978-79 season record of 2 wins, 3 defeats and 2 ties, will travel to Hesperia tomorrow to play a team representing George Air Force Base.

This past Saturday at Davidove Field, the China Lakers were caught a bit by surprise and were still assigning defensive coverage at the start of the game when a quick corner kick was deflected into the China Lake net by Denny Wilson, center forward and captain of the Edwards AFB soccer team.

A bit later during the first half of the contest, Wilson booted the ball accurately to forward Paul McClung, who was 5 yds. behind the nearest China Lake defender, and the later broke away for an easy goal which increased the visitors' lead to 2-0.

Playing what was possibly their best defensive half of soccer this season, the China Lakers held the airmen from Edwards AFB scoreless for the remainder of the game. At one point, a diving save of a penalty kick by China Lake goalkeeper Steve Lee prevented what had appeared to be a sure goal.

The local team, which has yet to be shutout in a game played this season, came to life on offense in the second half. Klaus Schadow beat his defender on the right wing and his perfect kick toward the goal was headed into the net by center forward Roy Birkhead.

The China Lakers were still trailing 2-1 when Schadow fished the ball out of a crowd of legs and slipped it pass the Edwards goalie to tie the score at 2-2.

Burros varsity hoopsters continue league win streak, defeat Palmdale

Burroughs High School's varsity basketball team wrapped up the first half of the Golden League season Tuesday night with a 67-62 win over the Palmdale Falcons at Palmdale.

By this victory, the Burros retained their first place standing in the league with a 5-1 record. The locals will travel to Antelope Valley High School in Lancaster tonight for a rematch against the 'Lopes, who will be seeking consolation for their lopsided loss to the BHS varsity here on Jan. 13.

Tip-off time for tonight's varsity contest is scheduled at 8. It will be preceded by freshman and junior varsity games that will get underway at 5 and 6:30 p.m. respectively.

Another frantic finish marked the varsity win over the Palmdale Falcons on Tuesday night. Four free throws by Richi Drake in the final 40 sec. of the contest provided the Burros with the edge they needed to win, and a slam dunk by Steve Motte added another 2 points for good measure.

NWC Gold team wins Admiral's Cup racketball event

Both the NWC Gold and VX-5 teams gained ground on NWC Blue, current front runner in the 1978-79 Admiral's Cup competition, by placing first and second, respectively, in last week's racketball tourney.

Players for NWC Gold won 13 out of 14 matches by posting a 7-0 shutout over their counterparts representing NWC Blue (the Aircraft Support Division), and defeating VX-5, 6-1.

NWC Gold was represented in the racketball tourney by Charles Schneider, Mario Lopez, Don Freeman, Hod Wells, Pete Dabbieri, Bob Reusche, Ed Peterson and Coleen McKenzie.

Tim Jenkins, a player for VX-5, was the only tourney entry to register a win against any of the NWC Gold team racketball players.

The VX-5 team won 6 and lost 8 matches in the Admiral's Cup racketball tourney, while the team representing NWC Blue won 2 and lost 12.

Current point standings in the Admiral's Cup competition are NWC Blue, 25; while both VX-5 and NWC Gold are tied for second with 19.

Intramural Basketball League team loses two games for use of ineligible players

Protests over the alleged use of ineligible players resulted in a pair of losses for Loewen's Chukars during the only two games played last week in Division A of the China Lake Intramural Basketball League.

League officials upheld both protests following games between the Chukars and the Homestead Hombres and the Chukars and Desert Motors. In the latter contest, the scoreboard at the final buzzer read Chukars 48, Desert Motors 46, but the apparent win was disallowed.

Tom Chapman of the Chukars was the game's high point man with 14, while teammates Mike Machowsky and Drew Martin tallied 12 and 10 points, respectively. Top scorers for Desert Motors were Greg Watson and Vic Jensen, who had 10 points each.

A 58-51 win over the Night Stalkers enabled the Dispensary cagers to edge into third place in Division B. Jud Neideigh of the Night Stalkers led both teams in scoring, but Doug Taylor wasn't far behind with 20 for the Dispensary and Brad Domine chipped in another 10 for the victors. Both teams were tied, 22-22, at the half.

The Turtles had an easy time of it in another game played last week in which they trounced the Low Doze hoopsters, 51-29. Tim Mullin of the Low Doze squad was the game's high point man with 14, while the Turtles were led by Richard Peterson, who tallied 13.

Three sailors from Armitage Field represented the Naval Weapons Center in an 11th Naval District boxing tournament held last week at the Naval Station, San Diego.

Eliminated in their first bouts were Gary Fecteau, a heavyweight, and Bruce Marcev, who was entered in the lightweight division.

Mike Hosmer, a middleweight placed in the 165 lb. weight class, was awarded his first two matches due to forfeits, but in the finals (held last Friday night) was knocked out in the first round.

Hosmer's opponent was Charles Douglas, who has been the Pacific Coast AAU champ for the past two years, and currently is ranked sixth in the nation as an Amateur Athletic Union boxer.

China Lake Intramural Basketball League (Standings as of Jan. 19)			
Team	Won	Lost	
<b>Division A</b>			
The Pride	6	1	
Time Out	5	3	
Homestead Hombres	4	4	
Desert Motors	4	4	
Loewen's Chukars	0	7	
<b>Division B</b>			
The Turtles	6	1	
Loewen's B	5	1	
Dispensary	3	3	
Night Stalkers	2	3	
The Heat	1	4	
Low Doze	1	4	
T.P.Q.	1	4	
<b>Division C</b>			
Gas Bags	6	0	
Visitors	3	3	
Floorburners	0	6	
* Division champs			

PHAN Parrish was designated a photographer's mate striker in August 1978 after completing six months of on-the-job training and his qualifications for advancement to third class petty officer. His advancement to PH3 is now pending.

The 1978 Bluejacket of the Year banquet began with the presentation of the colors by a color guard from the NWC Sea Cadet Squadron, an invocation delivered by Lt. John R. Madden, NWC Catholic Chaplain, and welcoming remarks by David O. Teasdale, Jr., president of the IWV Council of the Navy League.

In his remarks after dinner, RAdm. Harris stated that all of the candidates for the Bluejacket of the Year award were



TOP CIVILIAN HONOR — Herbert Bulgerin, Code 3307, is presented the Navy Meritorious Civilian Service Award by Bob Hillyer, NWC Technical Director. This is the highest honorary award that can be granted to a Civil Service employee by the head of an activity. —Photo by Ron Allen

Bluejacket of Year chosen . . .

(Continued from Page 1)

The remaining Bluejacket of the Month for April 1978, DTI Michael G. Hastings, was promoted to chief petty officer during the year and was ineligible for the award. However, he was presented a \$50 U.S. Savings Bond and a new chief's hat during the ceremony by the Navy League.

Assigned Added Duties

The Center's top Bluejacket of 1978, HM1 Jung, is a general laboratory medical technician, and has been working in a laboratory for more than nine of the ten years he has served in the Navy. Since his arrival at China Lake in August 1976 he has also assumed the duties of administrative assistant to the Administrative Officer, leading chief, and officer-in-charge of the Branch Medical Clinic.

Capt. R. W. Taylor, officer-in-charge of the Medical Clinic, in the letter nominating Petty Officer Jung for the October honors, said that "rare is the individual who displays such a high degree of dedication to excellence, maturity and pride in service to others. By action and deed he (Jung) has materially enhanced the capability of the medical staff. As a corpsman, Petty Officer Jung has displayed clear headed, precise thinking in the care of patients."

Future Plans

Petty Officer Jung completed two years of engineering training before joining the Navy in 1968. He had hoped to become a Seabee, but discovered that his liking for science was well satisfied by his training as a laboratory technician. His current plans are to continue in that field following his eventual retirement from the Navy.

HM1 Jung says that he and his wife, Suzanne, both enjoy small town living, which he feels is one reason that they have been very happy with his assignment at NWC.

The runnerup for the award, PHAN Parrish, was selected as VX-5 Bluejacket of the Quarter for October through December 1978. He had previously been selected as VX-5 Sailor of the Month for September.

PHAN Parrish was designated a photographer's mate striker in August 1978 after completing six months of on-the-job training and his qualifications for advancement to third class petty officer. His advancement to PH3 is now pending.

The 1978 Bluejacket of the Year banquet began with the presentation of the colors by a color guard from the NWC Sea Cadet Squadron, an invocation delivered by Lt. John R. Madden, NWC Catholic Chaplain, and welcoming remarks by David O. Teasdale, Jr., president of the IWV Council of the Navy League.

In his remarks after dinner, RAdm. Harris stated that all of the candidates for the Bluejacket of the Year award were

winners, and that their selection means they are all dedicated, professional sailors. He and NWC are proud of all Bluejacket candidates, the NWC Commander added.

As IWV Council Navy League members Ralph E. Herrick, Jr., and Harry D. Parode introduced the 1978 Bluejackets of the Month, there was a film slide presentation showing each of them in their work environment. The film slide presentation was put together by PH2 Tony Garcia, who is assigned to the Technical Information Department's Applied Photography Branch.

Herrick and Parode also thanked the business people and private citizens whose financial support of the Bluejacket of the Year program made such an event possible.

The selection committee, headed by FTCS Dave Vander Houwen, Senior Chief Petty Officer of the Command, whose members had the difficult assignment of deciding upon the winner and runnerup, also were introduced before the final decision was made public.

Prior to the benediction by Chaplain Madden which concluded the evening's festivities, Vivian Boultinghouse, Navy League executive vice president, expressed her appreciation to those who had assisted her in handling various aspects of the arrangements for the Bluejacket of the Year banquet.



TEST PREPARATIONS — Inside the command control center temporarily set up on B Mt., Capt. Skip Fink, USMC, adjusts equipment in preparation for a test of the AN/TPQ-27 radar controlled bombing system. —Photo by Ron Allen

Navy Meritorious Civilian Service Award presented to Herb Bulgerin

The Navy Meritorious Civilian Service Award, the highest honorary award in the Navy Civilian Service which may be granted by heads of activities, was presented on Monday by Bob Hillyer, NWC Technical Director, to Herbert A. Bulgerin, technical advisor for analysis in the Fuze and Sensors Department.

The award for Bulgerin, which was authorized by Rear Admiral William L. Harris, NWC Commander, was in recognition of the recipient's "outstanding technical and administrative achievements which have contributed significantly to the success of the Navy's guided missile fuze programs."

Pioneer Efforts Recognized

The citation accompanying the award stated in part, "Your pioneer efforts in technological forecasting and management of technology base resources provided the basis for the active optical fuze and radar fuzes in use by the Fleet today and will have an impact on new fuzes for many years to come . . ."

It went on to say that the Encounter Simulation Laboratory, which is now a national asset that was developed to economically simulate the terminal encounters between weapon and targets, was the direct result of Bulgerin's foresight, planning and persistence.

Helped Others To Develop

"Your constant involvement and effective leadership in personnel selection, motivation, and training has assured a constant flow of unusually innovative and highly motivated talent into the strong cadre of fuze experts concentrated in the Fuze and Sensors Department today.

"Under the auspices of the Joint Service Fuze Managers you recently served as chairman of a Joint Air Force / Navy Task team to study the problems of a common bomb fuze for both services and to recommend potential solutions," the commendation from RAdm Harris stated.

The successful completion of that difficult effort and the acceptance of the task team

Bombing system tested . . .

(Continued from Page 1)

Initial Operational Test and Evaluation (IOT&E) to determine suitability for use by Marine Corps units.

IOT&E was completed in July 1975 by the Marine Corps Tactical Support Activity under the direction of the Marine Corps Development and Education Command. Following the IOT&E, the AN/TPQ-27 Service Test Model was returned to the RCA Corp. to implement needed changes and to enhance system capabilities and performance.

After in-factory testing and satisfactory flight demonstration with compatible F-4 aircraft, the system was shipped to NWC last September for the start of field testing.

The AN/TPQ-27 is a totally automated, ultra high frequency radar guidance system that utilizes a digital data communications link. It is capable of providing all-weather day or night radar controlled bombing.

After the pilot couples with the data link, ground originated commands guide the aircraft to its bomb release point. The radar system can automatically initiate release of bombs, which must be armed by the pilot or bombardier in the aircraft.

Among the advantages of the AN/TPQ-27 radar controlled bombing system is its capability to simultaneously track and control six aircraft. While five aircraft are under course guidance to an initial point by the IFF radar system, the sixth is in precision guidance to its designated bomb release point.

The primary test aircraft now being used in this program (all from Pt. Mugu) are the A-4 Skyhawk, the F-4 Phantom and the A-7 Corsair II. Testing is done at different altitudes and air speeds for the purpose of determining bombing accuracy using Mk 32 500 lb. inert practice bombs and the ability of the PTR to track the aircraft skin or a beacon transponder. The mode of control, the ordnance aircraft station and method of bomb release are varied to insure thoroughness of the test and to eventually yield an optimum configuration for a given type of mission.

Upon completion of the current phase of the PSVT at NWC, which is expected in mid-February, all of the equipment will be moved to Point Mugu for further testing on the Pacific Missile Test Center's ocean ranges.



DID YOU KNOW?

(energy facts)

Don't waste hot water by using your dishwasher more frequently than necessary. The average dishwasher uses more than 14 gallons of hot water per load. Save on hot water costs by making sure the machine is fully loaded before starting it.

# Ex-POW delivers inspirational message at Prayer Breakfast

"God equals strength."  
Those three words plus the inner stamina inherited by Cdr. Rod Knutson from his parents and family, his own firm belief in America and the American people, the valuable lessons he learned in school and church, and the examples set by his peers in the military service all played a part in making a rare experience available to those who attended last week's observance of the National Prayer Breakfast.

The inspirational speaker — Cdr. Knutson, head of the Military Administration Department — survived 7½ years as a prisoner of war in North Vietnam.

Loyal Blackwood, NWC Counsel who served as master of ceremonies for this annual event held at the Chief Petty Officers' Club, introduced Cdr. Knutson with the personal observation: "I have never lived anywhere where one man has come in and made such an impact as has Rod Knutson."

The reaction of those in the near-capacity crowd who attended this special event made it apparent that this advance billing was no overstatement.

Cdr. Knutson began his talk by reading a short poem in which the author, a Canadian named John McGee, Jr., told of his feeling, at times, as an aircraft pilot of having "touched the face of God."

That same feeling was one which he, too, has had, Cdr. Knutson told his Prayer Breakfast audience—particularly on a



Cdr. Rod Knutson  
Inspirational Speaker

Sunday morning in October 1965 when, while flying a combat mission in North Vietnam, his aircraft was disabled at low altitude by a hit from a surface-to-air missile.

He met and escaped death many times that morning, Cdr. Knutson said, as he told about flying through the worst flak he had ever seen before his plane was disabled and he parachuted to earth. On the way down, he was fired at by soldiers on the ground and, though injured when he landed, managed to cut himself loose from his parachute and hide before he was found unconscious by enemy soldiers.

"As hard as all that sounds, it was nothing compared to what was to come— particularly during the first 7½ months in solitary confinement," Cdr. Knutson said.

Right away, he recalled, he met the "ropes and bars man," the official torturer for the North Vietnamese. Their meeting place was a small, filthy cell where he was beaten and tortured for not answering questions — some of which he couldn't and some of which he wouldn't.

On the wall of that cell were the words, "God equals strength," which had been inscribed by some other prisoner who had preceded him in that place of torture where he was left bloody and beaten without food or water for 6 days.

That was to be his "home" for 7½ months in solitary confinement. At first, Cdr. Knutson said, he prayed to God to get him out of that place, but as the weeks passed he asked God for help in enduring the ordeal and placed his confidence in Him that one day he would return home to America.

"I knew that I'd come home and have the opportunity to tell people about these ex-



BREAKFAST-TIME HARMONY — The Sweet Adelines' chorus, directed by Eleanor Hartwig, added to the enjoyment of those who attended the local observance of the National Prayer Breakfast by their vocal music renditions of "Battle Hymn of the Republic" and "This Is My Country." — Photo by Ron Allen

periences, and (while in prison) wondered what I'd say. I got that answer when I returned," Cdr. Knutson said.

By that time, he was certain that one of the key elements in surviving as a POW was faith. This included faith in God, as well as faith in his own capability to withstand what every punishment was dished out. In addition, Cdr. Knutson said, a POW had to have the faith to do whatever he felt was right in relation to the military man's code of conduct, and particularly faith in his buddies and peers.

"Faith comes in many forms — not always spiritual," the Prayer Breakfast speaker continued. "It's got to be, however, something more than you can see and touch, and the recipe also includes a great deal of humor in spite of the circumstances," he said.

### Sample of Grim Humor

He related the first experience with the grim humor associated with being a POW by telling how, after six days of solitary confinement, he was taken to a bathroom to remove his uniform and put on prison garb.

As a result of the beating he had been given, his buttocks were one big scab to which his military uniform was stuck. Depressed and reeking with misery, Cdr. Knutson said he was sitting in a pan of warm water in order that his uniform could be soaked off without ripping loose the scab when he glanced up and saw another inscription on the wall. It read "Smile, You're on Candid Camera."

"Yes, God equals strength, and I stand here today to tell you it works," Cdr. Knutson emphasized as he continued by telling about Sunday religious services



SAFETY AWARD PRESENTED — Rear Admiral William L. Harris, NWC Commander, presents a plaque for accident prevention to Capt. Sig Stocking, head of the Aircraft Department, during a recent ceremony held in the Management Center of Michelson Laboratory. The plaque was in recognition of the Aircraft Department's accumulation of one million man hours without a disabling work injury from February 1977 through August 1978. — Photo by Ron Allen

conditions others similarly motivated would have conducted themselves in the same fashion which he did.

"The bottom line," Cdr. Knutson concluded, "is that there is a Creator, but those who believe this is so must stand up and be counted. I couldn't have done what I did in prison without you (representatives of the American people), I can't do what I'm doing today without you, and I'm so happy you're with me here today," he said as he left the speaker's podium.

### Participants in Program

The program for the National Prayer Breakfast observance began with the invocation delivered by Jim Lewis, a Sunday School teacher at the United Methodist Church in Ridgecrest, and was concluded by the benediction pronounced by Milt Ritchie, a vice president of the Unitarian Fellowship.

The Pledge of Allegiance to the flag was led by ACAN Vic Fisher, who is assigned to the NWC Chaplain's Office, and two musical selections appropriate for the occasion were sung by the Sweet Adelines chorus. Eleanor Hartwig directed the group in the "Battle Hymn of the Republic" and "This Is My Country."

Opening remarks were delivered by Capt. F. H. M. Kinley, NWC Vice Commander, who attended on behalf of Rear Admiral William Harris, NWC Commander.

### Purpose of Prayer Breakfast

The Center's observance of the National Prayer Breakfast, Capt. Kinley noted, is in its own way a duplication of this same event which is held annually in the nation's capital and throughout the country at places where persons in positions of responsibility meet together in prayer to rededicate themselves to the moral and spiritual values upon which this nation is founded.

He was pleased, Capt. Kinley said, to see so many in attendance at the local event, and especially so because numerous young people were in the audience.

"The All Faith Chapel (sponsor of the Prayer Breakfast) has a tremendous influence on the Center, and the fellowship it provides is self-evident. It's good to see you all out this morning," Capt. Kinley concluded.

As a prelude to the inspirational talk by Cdr. Knutson, the 23rd Psalm was read by Lynn Hutcheson, president of the Catholic Parish Council at China Lake.

## Outlook for '79...

(Continued from Page 1)

payroll dollars will be spent this year in the Ridgecrest area for food, clothing, and other consumables.

"The other major piece of our spending pie," the Center Commander continued, "will be \$148 million for research and development-related contracts, construction contracts, and routine purchases of materials and supplies." He encouraged representatives of the Kern County construction industry and other businesses to seek a larger share of this contract work at the Naval Weapons Center.

"Based on past history," RAdm. Harris said, "we expect \$22 million of the \$148 million to be placed with businesses in Kern County. I feel there are unrealized opportunities, and we would be pleased to do business with firms located closer to the Center," he commented.

"The outlook for 1979 — and beyond — is bright. We at the Naval Weapons Center are looking forward to growth in terms of our budget, and our importance in the nation's research and development community," RAdm. Harris concluded.

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### Nominees as 'Employee in Spotlight' sought

Centerites who feel they have a co-worker who would be a good subject for the "Employee in the Spotlight" column are asked to call Ernest Sutton of the ROCKETEER at NWC Ext. 3354. Final selection of an individual by the editor is based on newsworthiness of the person who is nominated.

# EEO office plans impressive Black History Week observance

"Black Progress in America" will be the theme of NWC's observance of Black History Week to be celebrated at China Lake from Feb. 5 through 11, it was announced by the Equal Employment Opportunity Office, which is coordinating this event.

The goal of the program is to ensure awareness, understanding, and consideration of the contributions and achievements of black Americans to American society, institutions, and to the Center's workforce.

Four seminars are scheduled from Feb. 6-8 at the Community Center with a number of outstanding speakers slated to participate in the programs. One of the highlights of the week's events will be a banquet on Thursday night, Feb. 8, in the Enlisted Mess.

Black History Week at NWC will be climaxed with a commemorative service for Dr. Martin Luther King, Jr., at the All Faith Chapel on Sunday, Feb. 11, from 2 to 4 p.m.

### First Seminar Topic

The first seminar on Tuesday, Feb. 6, will be led by Dr. Kenneth Maloney, manager of the Materials Analysis Area for Xerox Corporation, Rochester, N.Y. His subject will be "Progress, What Is It?" and "Technology and the Black Peoples Influence on World Economy."

Tuesday afternoon from 1 to 3, a panel of NWC artisans and craftsmen will discuss their own experiences in competing in a world of advancing technology. They will discuss their achievements, opportunities afforded them, problems they have encountered and how they have resolved those problems.

In Wednesday's seminar, Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C., will speak from 9 to 11:30 a.m. on "The Education of Black Americans."

Then on Thursday morning from 9 to 11:30 o'clock, a distinguished panel will review "Black Progress in a White Environment." Those making up the panel will be Drs. Aveilhe and Maloney; Major Rossetta Armour-Lightner, administrative officer at George Air Force Base; and Mayor Lionel Wilson from Oakland, Calif.

### Banquet Planned Feb. 6

The "Black Progress in America" banquet will begin with a social hour at the Enlisted Mess at 6 p.m., Thursday, Feb. 8, followed by entertainment at 7.

The entertainment will include a medley sung by the Indian Wells Valley Barbershop chorus, "Portrait of Sojourner Truth" presented by Nona Celestine, "Movin' on Up" a collage of poetry and music by Cindy Harris, and jazz dance by Diane Ryan.

Tickets, priced at \$5 per person, may be ordered by calling the EEO office on NWC Ext. 2348 or 2738. Tickets may also be ordered by contacting Mable Hawley, Ext. 3508; R. H. Booth, Ext. 3766; John Haywood, Ext. 2551; or Jim Thompson, Ext. 3880. The deadline for reservations is Friday, Feb. 2. To climax the observance of Black



PLAQUE PRESENTATION — RAdm. William L. Harris, NWC Commander, presented Capt. Leonard E. Giuliani, former Commanding Officer of Air Test and Evaluation Squadron Five, with an NWC plaque during a ceremony held Tuesday in the NWC Commander's office. Capt. Giuliani will become the Commanding Officer of the Naval Air Station, Fallon, Nev., in a change of command ceremony planned there today. — Photo by Ron Allen

# Dennis Ikenoyama initiates Eagle Scout community service project

An Eagle Scout community service project has been initiated by Dennis Ikenoyama, junior assistant scoutmaster of Boy Scout Troop 291 of Ridgecrest.

The 17-year-old local youth, son of Mr. and Mrs. Fred Ikenoyama and a senior at Burroughs High School, drew up the plans and has solicited the help of some 20 other Boy Scouts and Webelos, as well as the two members of China Lake Detachment 0217 of Mobile Construction Battalion 17 (Seabee Reserves), in carrying out work started recently on landscaping the area around the community recycling plant located just east of Richmond Rd. at Santee St.

On a recent weekend, more than 40 shrubs, spruce and pine trees were planted according to plans laid out by Dennis Ikenoyama, who had requested and obtained \$100 from the Employee Services Board for purchase of the trees and shrubs.

An earth auger, operated by EO1s James Nelson and Warren Beebe of the Seabee Reserves was needed to dig a hole 3 ft. wide and 5 ft. deep into which the Scouts and Webelos shoveled in a mixture of sawdust, dirt and manure as the trees and shrubs were planted.

The Scouts and their adult leaders also dug trenches from plant to plant as part of a

gravity flow watering system, and fastened wire mesh around the newly planted trees and shrubs to protect them from desert animals.

Dennis Ikenoyama was assisted in this work (now scheduled for completion during the second week in February) not only by three other members of Troop 291, but also by 10 members of Scout Troop 35, one from Troop 41 and six Webelos from Cub Scout Pack 805.

## Nurses Club to hold anniversary dinner

Guest speaker at the 21st anniversary dinner-meeting of the Nurses Club of Indian Wells Valley will be Fred Nathan, a member of the Ridgecrest Community Hospital board of directors.

The meeting will be held at John's Pizza in Ridgecrest on Monday, Feb. 5, starting at 6:30 p.m. All registered nurses and licensed vocational nurses are invited to attend, however reservations must be made by today with Berniece Meade by calling 377-4451.

Nathan will talk about the community health care plan proposed by the UCLA Center for Health Enhancement, Education and Research (CHEER).



COMMUNITY SERVICE PROJECT — Trees and shrubs have been planted around the glass, aluminum can and newspaper recycling center as part of an Eagle Scout community service project initiated by Dennis Ikenoyama. At the time this photo was taken, EO1 James Nelson, a Seabee Reservist, was operating an earth auger which was needed to penetrate the hard-packed soil to the depth necessary to give the trees and shrubs that were planted a chance to survive.

## Happenings around NWC

A change in the starting times for both Sunday School and the Sunday worship service of the All Faith Chapel's Protestant Congregation was announced this week.

Beginning on Feb. 4, Sunday School classes will get underway at 8:45 instead of 9 a.m., and the morning worship service will start at 10 o'clock instead of 10:15 a.m.

### Thrift Shop Slates Sale

The Thrift Shop, operated by the Women's Auxiliary of the Commissioned Officers' Mess, will hold a half-price sale next week on everything in the store.

Regular hours of operation at the Thrift Shop, which is located at 54 S. Lauritsen Rd., are 7 to 9 p.m. on Tuesday, and 9 to 11 a.m. on Thursday.

History Week, a special commemorative service honoring Dr. Martin Luther King, Jr., will be held on Sunday, Feb. 11. The service will be highlighted by a presentation by the well known pianist and vocalist Calvin and Pat Taylor, who will present a concert of sacred music.

### Other Participants in Program

Also on the program will be a tribute to Dr. King by the Rev. Gordon Crider, Pastor of the Ridgecrest United Presbyterian Church. In addition, the Rev. Ezra Turner, pastor of the Union Missionary Baptist Church, will deliver the message "A View from Pisgah's Lofty Height." Anthems will be sung by the Union Missionary Baptist Church young adult choir under the direction of Angelia Celestine.

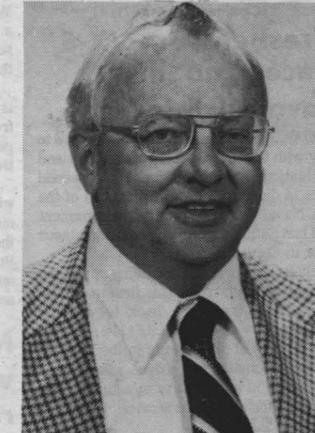
EEO training credit, which may be used in lieu of attending the regular four-hour EEO training session, will be extended to supervisors and managers who attend the programs scheduled during working hours.

## Patent counsel post at China Lake goes to W. Thom Skeer

W. Thom Skeer, former Naval Weapons Center patent advisor, has been promoted to the position of patent counsel at China Lake. He has served as acting patent counsel since Roy Miller retired on Sept. 15, 1978.

The patent counsel's responsibilities include all patent matters arising from NWC research or contracts administered by NWC, and procurement counseling that pertains to intellectual property, data, and patent proprietary rights.

Skeer is well qualified for the position since he has spent some 26 years in Civil



W. Thom Skeer

Service positions related to patent work. He began his career in 1952 as a patent examiner in the Patent Office, Washington, D.C.

He started his Navy affiliation as a patent advisor at the Mine Defense Laboratory at Panama City, Fla., in 1967. Five years later he transferred to the Naval Undersea Center, San Diego, Calif., as a patent advisor. He came to NWC from NUC in September 1976.

Skeer has a bachelor of arts degree in physics from the University of Texas at Austin, and a Doctorate in Law degree from Western State University at San Diego. He is also a member of the California Bar.

His oldest son, Guy, 26, a Merchant Marine engineer, is now attending law school at Whittier College. He and his wife, Edna, have two other sons, Jay, 16, and Ben, 14, who live with them in Ridgecrest.

Skeer's staff of five advisors and four para-legal clerical support employees receive patents from virtually every department on the Center as the result of work being done by NWC's physicists, electronics engineers, chemists, etc.