

## Orchestra to play outdoor concert tomorrow night

The public is invited to attend an outdoor orchestra "pops" concert to be presented on the lanai of the Commissioned Officers' Mess tomorrow at 7 p.m.

The concert is sponsored by the Desert Community Orchestra Association with financial support from the Music Performance Trust Funds of the American Federation of Musicians.

U.S. recording companies fund in whole or in part the instrumental music for this performance, as arranged by Local 263, American Federation of Musicians.

The evening will begin with the "Festival Fanfare for Six Horns," by Nicholas Perrini. This and several additional selections will be performed by the Horn Club of Lancaster, Calif. The Cerro Coso/Desert Community Orchestra will perform selections by Sousa, Joplin, Brahms, Haydn, Bach, and Mozart, and a medley of tunes from the musical "Fiddler on the Roof." The concert will conclude with several selections by Ken Robinson's Dixieland Band.

There will be no admission charge, and special event passes will be available at the Naval Weapons Center main gate for anyone wishing to attend. In keeping with informal traditions established by more famous pops concerts, liquid refreshments will be available for purchase from the COM during the performance. Guests are encouraged to bring lawn chairs, cushions, and blankets.

This concert reestablishes a tradition of outdoor pops concerts started 10 years ago by the Desert Community Orchestra Association to mark the end of school vacations. Light, popular music has been selected to provide family entertainment with a touch of class.



**PREPARING FOR CONCERT** — Under the direction of Al Turriciano, members of the Cerro Coso Community College/Desert Community Orchestra prepare for their part in Saturday night's outdoor concert on the lanai at the Commissioned Officers' Mess.

## Entry forms due Sept. 15 for '80 Desert Empire Fair parade

The deadline date is fast approaching for those wishing to participate in the 30th annual Desert Empire Fair (DEF) parade to submit completed entry forms.

This gala event, one of the major attractions of the upcoming valleywide celebration, will be held on Saturday, Sept. 27, starting at 10 a.m.

Roberta Leighton, chairman of the committee in charge of the parade, reports that the entry deadline is Monday, Sept. 15, and she and her co-workers are anxious to receive completed entry forms in order that the work which goes into deciding upon the order of march can begin.

Parade entry forms can be mailed to the Desert Empire Fair, P.O. Box 1176,

Ridgecrest, or delivered in person to the DEF office on the fairgrounds in Ridgecrest.

Entry forms are available at the DEF office as well as the following locations: China Lake Community Center, Ridgecrest City Hall, Kern County Building in Ridgecrest, Ridgecrest Library, Ridgecrest and Inyokern Chamber of Commerce offices, Continental Telephone Co., Sierra Valley Insurance, Mayfair Flower Shop, Rancho Bajada Stables, Western English Emporium and at the County Feed Barn in Inyokern.

"Young America" is the theme of the 1980 DEF parade. Participants will assemble near the intersection of the Burroughs High School access road (French Ave. and N. China Lake Blvd.) and the procession will make its way north on China Lake Blvd to the triangle near Inyokern Rd. where it will disband.

This year's parade will be two events in one since participants will be vying for either DEF trophies and ribbons or competing for California State Horseman's Association (CSHA) championship points and awards. A panel of six judges will be present to select winners and runners-up in the CSHA competition and also judge other equestrian entries.

Marching bands, color guards, drill teams, and novelty entries will be judged by members of the All American Association of Contest Judges.

This year, the DEF Parade Committee has decided upon a new procedure for selecting those who will have a place of honor as marshals of the various divisions of the parade.

The Naval Weapons Center's Bluejacket of the Year will be so honored, as will an outstanding teacher from the Sierra Sands Unified School District. Two of the remaining three division marshals will be picked by drawing from names of local residents whom those submitting nominations feel should be honored for some good deed or involvement in community affairs. Finally, the parade committee will select one of the division marshals.

Nominations of prospective parade division marshals can be sent directly to Mrs. Leighton, parade chairman, by writing to P.O. Box 277, Ridgecrest, or to the Desert Empire Fair at the address previously listed in this article.

Additional information on the parade can be obtained by calling the parade chairman on work days after 5 p.m., or on weekends, at 375-8832.



**Commissioned Officers' Mess**  
Italian cuisine will be featured at the Commissioned Officers' Mess on Tuesday evening from 5 to 9 o'clock.

All the spaghetti and meat sauce one can eat, for \$2.95 per person, will be the main item on the menu.

Another gala Membership Night is in store for COM members and guests next Friday, Sept. 12.

"Fredrick & Company," a 5-piece combo from the Los Angeles area, will be returning to the COM stage to delight the audience with their renditions of popular musical numbers of the past.

A buffet dinner consisting of baron of beef, baked potato, vegetables, and hot rolls and butter will be served from 6:30 to 9 p.m.

Reservations are required and can be made by calling the COM office at 446-2549 prior to Thursday, Sept. 11.

**Enlisted Mess**  
A seafood platter will be the main entree on the menu this evening from 6 to 8:30 o'clock at the Enlisted Mess.

Following dinner, musical entertainment will be provided from 9 p.m. to 1:30 a.m. by Millennium, a 5-piece rock combo from the Los Angeles area.

## Introductory lessons in square dancing offered

Two introductory lessons in square dancing have been scheduled on Sept. 10 and 17 at 7:30 p.m. at the Pierce Elementary School auditorium by the Cactus Squares.

These lessons, which are for couples only, will be taught by George and Jeanne Thornburg.

The introductory classes are a prelude to 30 weeks of square dance lessons that will be held on Wednesday evenings at the same time and place.

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 p.m.

<p><b>FRI., SUN.</b> "THE BLACK HOLE" SEPT. 5, 7 Starring Maximilian Schell and Anthony Perkins (Science fiction, rated PG, 99 min.)</p> <p><b>SATURDAY</b> "ONION FIELD" SEPT. 6 Starring John Savage and James Wood (Drama, rated R, 94 min.)</p> <p><b>MONDAY</b> "BALTIMORE BULLET" SEPT. 8 Starring James Coburn and Omar Sharif (Comedy, rated PG, 103 min.)</p> <p><b>WEDNESDAY</b> "BOG" SEPT. 10 Starring Gloria DeHaven and Aldo Ray (Horror-drama, rated R, 85 min.)</p> <p><b>FRIDAY</b> "KARATE WARRIORS" SEPT. 12 Starring Sonny Chiba and Isaac Matsuaki (Drama, rated R, 88 min.)</p>	<p>U.S. Government Printing Office: 1980—No. 1042</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>From: _____</p> <p>To: _____</p> <p style="text-align: right;">PLACE STAMP HERE</p> </div>
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NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

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**COMMANDER'S AWARD PRESENTED** — Just prior to his departure for a new job in the Washington, D.C., area, the Commander's Award for excellence in mission support was presented to Donald R. Bridges by Capt. William B. Haff, NWC Commander. Bridges was commended for his work during the past nine months as acting head of the Housing Division. — Photo by PH2 Tony Garcia

## Acting hd. of Housing Div. receives Cdr.'s Award for NWC mission support

Donald R. Bridges, acting head of the Housing Division in the NWC Public Works Department, last Friday became the latest recipient of the Commander's Award for excellence in mission support during a ceremony held in the office of Capt. William B. Haff.

The award — a letter of commendation from the NWC Commander and a pyramid-shaped paperweight inscribed with the name of the recipient and information on the specific mission-support related achievement — was presented to Bridges by Capt. Haff.

Assembled for the informal ceremony were Dick Kistler, head of the Office of Finance and Management, the parent organization from which Bridges was assigned to the Housing Division; Capt. Jon Ives and Cdr. D. A. Ringel, head and assistant head, respectively, of the Public Works Department; and Bridges' wife, Laurene, who is an administrative assistant in the Sensor Systems Division of the Fuze and Sensors Department.

Presentation of the Commander's Award to Bridges took place on the eve of his departure for the Washington, D.C., area where he has been chosen to fill the position of head of the Budget and Reports Division

in the Office of Naval Research. Along with his new duties will come a promotion to GS-15 for Bridges.

In the letter of commendation from Capt. Haff that accompanied the Commander's Award, appreciation was expressed to Bridges for the management innovations he introduced while serving as acting head of the Housing Division during the period from November 1979 until his departure from NWC this past weekend.

**BASIS FOR AWARD**  
Under Bridges' supervision, and with his active support and participation, equitable policies for assignment and administration of housing were developed and implemented. In addition, a comprehensive organizational study was conducted which led to a reorganization of the Housing Division that clearly defined individual responsibilities.

Also while Bridges was at the helm of the Housing Division, a flexible and very useful automated data processing system was designed and implemented to handle accurately the multitude of details related to housing assignments, occupancy rates, and rent collections.

Furthermore, with the assistance of the Contracts Division in the Public Works Department, administration of the contract for housing maintenance and repair was improved substantially, it was noted in the letter of commendation to Bridges that accompanied the Commander's Award.

The result of the foregoing accomplishments were significant im-

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## Pedestrian safety award presented by Auto Club to NWC

The Automobile Club of Southern California last week honored the Naval Weapons Center with an unprecedented 23rd consecutive Pedestrian Safety Achievement Award, earned in the American Automobile Association's 41st annual Pedestrian Safety Inventory.

The presentation was made by Gera Thomas, the club's office manager for the Ridgecrest area; receiving the award for the Center were Capt. W. B. Haff, NWC Commander, and Billie Hise, who is responsible for NWC traffic safety programs.

The Navy's public awareness program, according to the Automobile Club, plays a major role in achieving the outstanding safety record.

Ms. Thomas noted that China Lake led all Southern California cities and military installations with its 23 consecutive years of no pedestrian fatalities. Comparable cities or military installations average 2.1 fatalities per year.

The 20-person injury rate at NWC during 1979 was less than half that of comparable cities or military installations, which average 41 pedestrian injuries per year.

The AAA's Pedestrian Safety Achievement Award is presented by the Automobile Club of Southern California to cities and military installations that have had 10 or more consecutive years without a pedestrian fatality.

## FY 81 military compensation bill includes 11.7 percent pay increase for service personnel

The Congress took final action last week on two significant bills, both of which (when approved by President Jimmy Carter) will result in tangible improvements in military compensation.

Included in the Fiscal Year 1981 Defense Authorization Bill, which has gone to the White House for Presidential action, are the following personnel-related features that are expected to become effective on Oct. 1.

(1) The House and Senate conference version of the bill provides for a one-year suspension of the current pay raise mechanism to allow an 11.7 percent increase in basic pay, subsistence (BAS), and quarters (BAQ) allowances. The President is authorized to reallocate up to 25 percent of the increase in basic pay into quarters allowance, subsistence allowance, or into basic pay for military personnel with more than four years of service. At press time for this week's issue of The ROCKETEER it was not known if or to what degree this reallocation authority will be utilized.

(2) A family separation allowance of \$30 per month is authorized for military personnel in grades E-1 through E-4 with less than four years of service who are separated from their dependents for 30 or more consecutive days.

(3) The existing ceiling of 74 cents per mile for moving mobile homes is removed. Authorized instead is reimbursement equal to the actual cost of the move or an amount equal to the cost of moving the serviceman or woman's maximum household goods weight allowance, whichever is less.

(4) The per diem rate in the continental United States is increased from \$35 to \$50 per day and from \$50 to \$75 per day in designated high-cost areas.

(5) The Secretary of Defense is permitted to award a continuation bonus to aviation

officers who have between 6 and 18 years of aviation service. The maximum annual bonus authorized is equal to four times the aviation officers' monthly basic pay.

(6) An increase from \$3,000 to \$5,000 in the maximum enlisted bonus for service personnel enlisted in certain skills is authorized. In addition, the maximum selective reenlistment bonus is increased from \$15,000 to \$20,000 for nuclear trained personnel and from \$12,000 to \$16,000 for non-nuclear trained personnel.

(7) An affiliation bonus is authorized to encourage individuals to affiliate early with selected reserve units. It is calculated on

the basis of \$25 per month for each month of remaining military service. If a serviceman or woman has 18 months or less remaining on his or her military service obligation, the entire bonus could be paid upon executing the reserve affiliation agreement.

(8) Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) assistance is increased from \$350 to \$1,000 per month for military personnel with handicapped dependents. Also permitted are CHAMPUS immunizations for dependent infants 2 years old or less.

(9) A system is established using a high-three average basic pay for calculating

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## 9.1 percent pay hike proposed for fed'l gov't civilian workers

A 9.1 percent pay increase for federal government employees was proposed last Friday by President Jimmy Carter. The salary increases for 1.4 million Civil Service employees will take effect on Oct. 1 unless disapproved by either the House of Representatives or the U.S. Senate before the deadline date.

A Federal Pay Board had recommended a 13.5 percent increase to keep government workers' salaries comparable to those in private industry. This, however, was rejected as too inflationary by the President.

The proposed pay raise falls within the Administration's voluntary anti-inflation guidelines, which allow pay hikes of 7.5 to 9.5 percent.

If either the House of Representatives or the U.S. Senate overturns President Carter's proposal — action that is not considered likely — the law provides that federal workers would then receive the 13.5 percent increase recommended by the Federal Pay Board.

The 9.1 percent pay increase that has been proposed is the highest to be recommended by President Carter since he has taken office as the nation's chief executive. Two years ago the increase was 5.5 percent and in 1979 civilian employees of the federal government received pay raises of 7 percent.

Another 1.2 million federal blue collar, postal and executive-level employees are covered by other pay systems. Pay raises of 11.7 percent for an estimated 2 million military employees were covered in separate legislation.

**WACOM MEMBERSHIP COFFEE SLATED** — Setting up decorations for the WACOM membership coffee, an event that will launch the fall season of activities for the Women's Auxiliary of the Commissioned Officers' Mess, are (l. to r.) Barbara Stephenson, membership co-chairman; Vivian Wright, secretary; Jean Fish, treasurer; Pauline Patterson, membership co-chairman; and Kathy McKinney, president. The coffee will be held on Tuesday from 9:30 to 12 noon at the COM, and all current and prospective members of WACOM are invited to attend. Tables will be set up displaying information about WACOM's widely varied program of activities for the coming year. Attendance at the coffee does not obligate anyone to join WACOM.

— Photo by Ron Allen



## Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



## Jewish observance of High Holy Days to begin next Wednesday

The Hebrew Congregation of the All Faith Chapel will welcome a new student rabbi at the services starting at 7:30 tonight.

Student Rabbi Gary Tishkoff will be back at NWC to lead in the observance of the Jewish High Holy Days of Rosh Hashanah and Yom Kippur, starting at sundown on Wednesday, Sept. 10, and lasting through sundown on Saturday, Sept. 20.

Wednesday's observance of Rosh Hashanah (New Year) will be held in the East Wing of the All Faith Chapel, starting at 7:30 p.m., when the blowing of the shofar — ram's horn — announces the start of the high holy days.

Jews assemble on their New Year to ask for God's forgiveness for their sins and to pray for the unification of mankind.

Thursday morning's service celebrating year 5741 of the Jewish calendar will begin at 10 a.m.

On Friday, Sept. 19, Yom Kippur services will begin at 7:30 p.m. This will be followed by an all-day fast and day of prayer on Saturday and the Yiskor Service at 4:30 p.m. The group will then breakfast after

sundown on Saturday, Sept. 20.

The two ensuing holidays are Sukkos, Feast of the Tabernacles, starting Wednesday, Sept. 24, and the Simchas Torah on Friday, Oct. 3.

For further information on the services, individuals may contact Ruth Schuyler, president of the congregation, by telephoning 375-9573.

## New Regional Medical Ctr. to be built in San Diego

The Department of the Navy has announced its decision to construct a new Naval Regional Medical Center on a site in Florida Canyon, adjacent to the existing hospital in Balboa Park, San Diego, Calif.

The new facility is slated to include a 560-bed acute care and 230-bed light care hospital, outpatient and emergency care facilities, the Naval School of Health Sciences, and parking for 3,400 cars.

In addition, the City of San Diego will have the opportunity to acquire acreage at Inspiration Point, where the medical center is now located.

## Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the Merit Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

**Announcement No. 24010, Police Dispatcher, GS-301-2/3/4, PD No. 7584007N, Code 2413** — This position is located in the Police Division, Safety and Security Department. Incumbent performs dispatching duties for the China Lake Police Division and maintains radio communications with NWC Guard Posts, Fire Division, Naval Investigative Service, and off-center police agencies. Incumbent coordinates and controls radio traffic between police units; responds to requests for assistance by police units and/or notifies appropriate source, furnishes requested information to the public, or refers to appropriate authority. **Job Relevant Criteria:** Ability to communicate clearly, both orally and in writing; demonstrated tactfulness and diplomacy; experience in radio communications; ability to work effectively in stress situations.

**Supervisory Police Officer, GS-083-11, PD No. 7824029E, Code 241** — This position is that of Chief of Police located in the Safety and Security Department. The incumbent is responsible for the Center's law enforcement program and technical supervision and coordination of the Center's physical security program. The functions are accomplished by a complement of police officers, guards, detectives and clerical staff. The incumbent is the advisor to Command in matters pertaining to civil law enforcement and crime prevention. **Job Relevant Criteria:** Ability to supervise efficiently and effectively; knowledge of the principles and procedures of law enforcement; ability to communicate effectively orally and in writing; experience in the area of office administration and management; ability to analyze organizational and operational problems and develop timely and economical solutions; knowledge of substantive and procedural criminal laws. Supplemental experience statement is required and may be picked up from receptionist in Personnel Department. Both completed supplemental and SF-171 must be returned by 9:12-80. Status eligible accepted.

**Announcement No. 24012, Physical Security Specialist, GS-080-11, PD No. 7924002, Code 2411** — Position is the Security and Training Officer; delegated the responsibility for the NWC Information security education program. The position also involves other security program duties to include: security surveys and inspections, writing security procedures, determining security requirements for classified meetings and administering the security coordinator program. **Job Relevant Criteria:** Knowledge of DoD, Navy and other directives and regulations regarding information and physical security; knowledge of security systems such as alarms, access control devices, etc.; ability to deal effectively at all levels of the organization; skill in making presentations to large groups. Status eligible accepted.

**Announcement No. 26-016, Supervisory Environmental Protection/Cultural Resources Specialist, DP-238/401-111, PAC No. 8226505E, Code 2427** — NOTE: This ad corrects Announcement No. 26-014 which appeared on Aug. 29, 1980. Previous applicants need not reapply. Position is located in the Environmental Branch of the Engineering Division, Public Works Department. Incumbent will manage the branch responsible for preparation of Environmental Impact Statements and other project reports; for ensuring that the Center complies with federal, state, and local laws, regulations, and policies concerning environmental media, air, water, noise, solid waste, hazardous wastes, pesticides, soil, fish and wildlife, natural and cultural resources of the Center; for developing strategy and preparing Center responses on major encroachment issues having environmental consequences. **Job Relevant Criteria:** Ability to direct a subordinate staff, including interest in and potential to manage people problems (EEO); ability to make sound technical decisions which are accepted by management; skill in handling work

contacts both within and outside the Center; demonstrated analytical ability in interpreting and conducting studies in compliance with federal, state, and local statutes and directives involving environmental/natural resources; demonstrated awareness of major encroachment, environmental and natural resources issues affecting the Center.

**Announcement No. 26-017, Supervisory General Engineer, DP-801-111, PAC No. 8026507E, Code 2622** — Position is located in the Facilities Services Contracts Branch of the Construction Division, Public Works Department. Incumbent will direct the branch which is responsible for providing scheduling and inspection services for purchase service and other supply contracts. Incumbent will be responsible for analysis, long range planning and defining detailed statements of work for the projected areas for contracting under OMB Circular A-76. In addition, incumbent will be responsible for analysis associated with contracting out procedures for service and purchase service contracts including evaluation of detailed statements of work for compliance with projected requirements for facilities services. Incumbent reviews plans and specifications for completeness, technical continuity, contractual adequacy, and assures that they are in consonance with applicable Public Laws, Executive Orders, Defense Acquisition Regulations, Navy Procurement Directives and NAVFAC policies and procedures; reviews and certifies contractor vouchers, evaluating probable cost, value, availability of funds, authorization, and completeness of job scope. Recommends whether work should be accomplished by shop forces or contract. **Job Relevant Criteria:** Knowledge of engineering principles and techniques; knowledge of contract administration; ability to deal effectively with management, contractors and customers; ability to supervise a subordinate staff, including interest in and ability to manage people problems (EEO).

**Announcement No. 35007, Mail/File Clerk, GS-305-3/4, PD No. 8035101N, Code 35023** — Position is located in the Staff Office of the Electronic Warfare Department. Incumbent operates the central mail and file services for the department. Receiving/sorting all incoming mail checking control records, security, etc.; maintains official files of the department; acts as department records disposal representative and department forms control representative. **Job Relevant Criteria:** Knowledge of technical and scientific terminology; knowledge of DoD, Navy, and Center policies and procedures; knowledge of handling classified/unclassified mail and correspondence; knowledge of an extensive and complex records system.

**Announcement No. 3615, Data Control Clerk, GS-301-5, PD No. 8036079N, Code 3651** — This is a temporary position NTE 1 yr. Position is located in the Data and Acquisition Control Branch, Technical Data Division, Engineering Department. The branch provides data planning and configuration management services including identification, preparation, acquisition and administration of Center program data requirements. The incumbent is responsible for control over all proposed changes to drawings and specifications under the cognizance of the branch. This requires identifying the type of change

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## Training classes



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

**DP-49 Assembly Language Programming for Univac 1110: Oct. 15 to Dec. 31, 4 to 9 p.m., Instructor: Dr. John Zenor.**

**CSCI 381A Computer Morphology: Oct. 4, 5, and Nov. 1, 2, 29, 30; Saturdays and Sundays from 8 a.m. to 4 p.m., CSUC staff instructor.**

**CSCI 151 Machine Organization and Programming Structures: Oct. 18, 19, Nov. 15, 16, and Dec. 18 through 22; 8 a.m. to 4 p.m. on Sat./Sun.; 7:30 to 11:30 a.m. weekdays, Instructor: CSCI staff instructor.**

**EE 501a Seminar in Engineering Analysis: Oct. 6 through Jan. 17, 4 to 5:30 p.m., Instructor: Dr. Robert Rockwell.**

**EE 460 Electromagnetic Fields and Waves: Oct. 7 through Jan. 16, 4:30 to 6 p.m., Instructor: Dr. James Battles.**

Deadline on all classes is 10 days prior to class beginning date.



**PROTESTANT**  
Sunday Worship Service 1000  
Sunday School—All Ages 0830  
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** 0830-1130  
Sunday 0815-1245  
Daily except Saturday, 1135, Blessed Sacrament Chapel

**CONFESSIONS**  
Daily 1115 to 1130  
Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
Sunday Pre-school thru 11th grade 1000  
Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday afternoon 12th grade 1630  
As announced "In Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
**EASTWING—ALL FAITH CHAPEL**  
Sabbath Services every Friday 1930  
**UNITARIANS**  
**CHAPEL ANNEX 95**  
Sunday Services—(Sept./May) 1930

## Results announced of OTHTC's annual rattlesnake relay race

Twenty-six 3-member teams competed in four divisions of the Over-the-Hill Track Club's 10-mile fifth annual rattlesnake relay race held last week at China Lake.

Every member on each team had to run a 3.3 mile lap that began and ended at Schoeffel Field. Tom Rindt and Jerry Mumford completed their 3-1/3-mile laps in the race in 19:22 and 24:42 min., respectively, as they posted the fastest times for men and women entered in this event.

The Tortoises won the open division with a combined adjusted time of 56 min., 44 sec., which was the best time of the evening. Team members and their individual times were Rindt (19:22), Tom Sakai, who ran the distance in 23:03, and Dianne Lucas, who had a time of 24:19.

The Snakecharmers team of Jerry Mumford, Mike Mumford and Jan Dixon finished 10 sec. behind the Tortoises with an overall net time of 56.94, while the Reverend and His Flock, a group composed of the Rev. Larry Kassebaum, Peter Yu and John Anderson, placed third with a time of 57:40.

In the family division, the winners were the Bavarian Hueber. Team members Werner Hueber (21:04), Christene Hueber (27:57) and Christian Hennecke (20:13) turned in a combined time of 60:44 min.

Bill, June, and John Alltop placed second in the family division with a time of 63:39, and Patrick and His Snake Charms — a group composed of Seamus, Sean, and Frank Freyne — captured third place after finishing the race in 64:10. Frank Freyne finished his 3.3 mile lap in 19:57, which was the second fastest individual time run in the race.

First place among women's teams entered in the rattlesnake relay race were three Burroughs High School cross country runners who competed as the Blazers. The runners and their individual times were Lisa Hire (27 min.), Brenda Ringel (24:17), and Andrea Veatch (23:43).

## Rec. roundup . . .

(Continued from Page 6)

for the China Lakers, reported.

Three new players have been added to the local team in the past few weeks, and with nearly everyone back from summer vacations, he expects to be able to field a strong team against the visitors from George AFB, Kauffman said.

In the division for 30 through 50-year-old runners, Bill Norris, Tom Marshall and Alex Shlanta ran the 10-mile distance in 58:08. They edged the Something of Wisdom team (Bob Smith, Julie Smith, and Dick Wisdom) by 3 sec., and crossed the finish line 4 clicks of the clock ahead of Larry Gleason, Hugh Whitehurst and Mike Hartney, a group who competed under the name of the Hamstrings.

The next race on the Over-the-Hill Track Club's schedule of events will be a 4-mile run that will start and finish at the Desert Empire Fairgrounds on Saturday, Sept. 27.

## Puckett appointed manager of Chief Petty Officers' Club

Cyril D. Puckett — much better known as Don — is the new manager of the Chief Petty Officers' Club, replacing George L. Barnard, who is on extended sick leave.

Puckett is new neither to the community nor to club management; he has been assistant manager of the Commissioned Officers' Mess since December. He previously served as COM manager from 1964 through 1969 when he quit to start his own local restaurant.

His whole career, in fact, has been in the food service and club field. Puckett began that line of work while in, first, the Army, and then the Air Force, for which he managed military clubs from 1948 to 1960 when he retired as a master sergeant.

As a civilian he spent three years in Alaska in the hotel business before moving to El Toro Marine Corps Air Station in Santa Ana, Calif., as civilian food manager. When the particular operation he was managing was to be closed, he heard about an opening at China Lake and moved to this area.

Puckett says that he has always enjoyed living in the desert but that it took his wife and family some time to get used to the area. By now, wife Irene likes it as much as he does, feeling sufficiently settled to operate her own beauty shop in Ridgecrest.

No dramatic changes are yet planned in CPO Club operation, says Puckett. "I'm still in the process of looking around to decide what's going on. You can't really change anything, or decide not to change anything until you find out what is happening," he concluded.



**MUNCHING BUNCH** — Technical Information Department employees celebrated the fall season with a taco party for all Code 34 personnel and their spouses or special friends. A surprised Bernie Connolly, department head, discovered that his birthday was not the secret that he thought when the cake served turned out to be a birthday cake. He was presented with a card signed by all personnel as well as a Superman cape emblazoned with TID instead of Clark Kent's "S."

## Library to feature books about Hispanic-Americans' contributions

By Elizabeth Wilkie

During the week of Sept. 14 to 20, the Center Library is joining other educational facilities across the nation in directing America's attention to the significant contributions of Americans of Hispanic culture and heritage to the history of the United States.

Over five million Hispanic-Americans constitute the second largest racial minority in the United States. A lack of recognition in literary, scholarly, political, artistic, sports and entertainment areas has left them one of the least recognized and understood minority groups.

The purpose of National Hispanic Heritage Week is to encourage all Americans to avail themselves of the materials available to help them gain insight to past and present issues and problems affecting Hispanic-Americans, and to develop appreciation for their many contributions to American life and thought.

Center Library users have shown a great interest in books about various aspects of the Hispanic-American experience, and the library has reading material on most facets of that experience. All the books in the library pertaining to Hispanic-American art, history and literature will be placed in one convenient location during this week. A selected reading list will also be available.

In the magazine racks of the Center Library readers will find the current issue of "Nuestro," a high quality monthly

## AFGE to meet Monday

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

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

publication that provides a well-rounded view of contemporary Hispanic-American life.

It is the goal of those participating in National Hispanic Heritage Week to dispel myths and misconceptions and to promote among Americans generally an affirmative and respectful view of Hispanic cultural-social ways and values.

## Opportunities . . .

(Continued from Page 2)

proposed, entering the action into established logs, and monitoring the timeliness of the review process. Performance of these tasks will require operation of computer terminal equipment. Incumbent will prepare periodic reports summarizing the status of change activity. **Job Relevant Criteria:** Must have extensive knowledge of engineering data change procedures; must be capable of verifying the completeness of all types of proposed changes to engineering documentation; have ability to read and understand data/configuration management forms, drawings, and engineering terminology; have ability to operate, or quickly learn to operate, computer terminal equipment.

**Assistant Mess Manager, UA-1101-5/7, 511243/13925 per annum, plus benefits, permanent, full-time, Code 22** — This is an exempt non-Civil Service position. Position is located at the Chief Petty Officers' Club, Recreational Services Department. Incumbent will consult with food service department regarding menu preparation, and setting up; acts in liaison capacity for large parties, reviewing and recommending hiring/selection of personnel; confers with patrons on special banquets; draws up contracts; arranges for details, other duties as assigned. **Job Relevant Criteria:** Must have background in mess operations, including administration, cost accounting, food preparation, food and beverage control, and purchasing specifications for food and beverages gained through actual experience or formal college training degree, earned by satisfactorily completing courses in the operation of hotels and restaurants; must be alert for continuing improvements; be tactful; possess considerable initiative; be willing and capable of assuming complete responsibility; be dependable; be courteous and friendly and be able to effectively and harmoniously work with superiors and patrons.

**Announcement No. 56, Food Service Worker, NA-7408-1, \$3.10 per hour plus benefits, Enlisted Mess (Open), permanent, full-time.** This is not a Civil Service position. Duties are removing dishes from tables; wash dishes in machine; set up tables; sweeps floor; empties trash; replenishes beer cooler; helps set up portable bar; other duties as assigned. **Job Relevant Criteria:** Able to lift 25 lbs.; able to follow directions; to operate automatic dishwasher equipment; knowledge of sanitation regulations. Apply for all non-Civil Service positions with Bettye Cheatham, Bldg. 21, Ph. 3287 or 8833.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
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NWC Commander  
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S. G. Payne  
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## Recreation Roundup

## Deadline nears for submitting volleyball league team rosters

Sept. 12 is the deadline to turn in rosters at the recreation coordination office for the 1980 fall NWC volleyball program, which will begin on or around Sept. 16 at the Center gymnasium.

The program, which will be held on Monday through Thursday evenings, will include a two-man team league and a coed league with six players per team.

There is no registration fee required to play volleyball, but all civilians participating in the program must have sports activity cards or yearly athletic memberships.

For further information contact Jerry Kissick by calling NWC ext. 3990.

## TENNIS ENTRIES SOUGHT

The China Lake Tennis Club (CLTC) and the Recreation Services Dept. are looking for four more six-member teams to sign up for the team tennis program.

The program will be held on Saturdays, beginning Sept. 13 and ending in November, from 8 a.m. until noon at the China Lake tennis courts. Each match between teams will consist of competition in singles, doubles and mixed doubles categories.

An \$8 registration fee and a tennis activity card are required of any participant, but membership to the CLTC is not necessary. Registration forms are available at the Center gymnasium and Sports, Etc.

For further information call Abby Brandt at 446-6934 or Sandi Graves at 446-3433.

## SOCCER MATCH SLATED

The China Lake Soccer Club will host an opposing team from George Air Force Base in Victorville in a soccer match tomorrow afternoon, starting at 4 o'clock, at Davidove Field.

While both teams are members of the High Desert Soccer League, this is a non-league game, Karl Kauffman, player-coach (Continued on Page 7)

## Skill evaluations of young soccer players scheduled

Skill evaluations for players entering the Youth Soccer League will be held next week at Davidove Field.

First and second grade evaluations will take place at 5 p.m. Thursday, Sept. 11, and on Saturday, Sept. 13, at 9 a.m. Third and 4th grade players will be evaluated at 5 p.m. Wednesday, Sept. 10, and at 10 a.m. Sept. 13. On Sept. 11, at 5 p.m. and at 11 a.m. Sept. 13, the 5th to 9th graders will receive their evaluations.

Skill evaluations are required only for those Youth Soccer League players who did not play last spring. Those who were on a team previously have already been evaluated by the coaches. No one is dropped from the Youth Soccer League because of his or her skill evaluation.

All players in the 1st through 6th grades and players in grades 7 to 9 who have been cut from the city-sponsored Junior High School League are eligible to play in the Youth Soccer League. The cost for registration, which ends Sept. 13, is \$13.50 payable to the recreation coordination office, located next to the Center gymnasium. The registration fee includes payment for a team shirt which is kept by the player.

New teams will be formed following the skill evaluations, and players will be told what teams they are on after Sept. 17. Practice games will be held on Sept. 20, and the league play will begin on Sept. 27.



**NATIONAL POINTS LEADER** — Bill Erwin, an NWC employee, retained his lead in the national points standings, despite a second place finish in speedboat drag racing competition last weekend at

Red Bluff — located near Modesto on the Sacramento River. Erwin is shown above at the controls of the "Terrible Toy," which competes in the professional competition flat bottom class.

## China Laker tops in boat drag racing standings

A second place finish in the Red Bluff Classic motorboat drag racing competition was chalked up over the past weekend by Bill Erwin, an NWC employee.

Erwin, who is currently the leader in the national points standings in the flat-bottom racing boat class, is a designer-illustrator in the Technical Information Department's Illustration and Design Branch.

Last weekend at Red Bluff on the Sacramento River, Erwin was the top qualifier on Saturday with a speed of 125.50 mph for the quarter-mile run in his boat the "Terrible Toy."

On Sunday, with Erwin again at the controls, the "Terrible Toy" won its first two head-to-head elimination runs at speeds of 124.79 and 120 mph, respectively.

In the final round, however, engine trouble developed and Erwin had to settle for second place.

Even though he didn't win at Red Bluff,

## VX-5 wins golf match, moves into tie for Commander's Cup athletic competition lead

VX-5 tied the standings for the 1980-81 Commander's Cup recently by placing first in the golf competition at the China Lake golf course.

The six-man VX-5 squad shot a combined gross total of 566 to edge the teams from NWC Gold and NWC Blue, which shot gross scores of 572 and 600, respectively.

After two events (golfing and bowling), VX-5 and NWC Gold are tied with eight points apiece, and NWC Blue trails with two points. Five points are awarded for a first place finish, three for placing second and

one for third.

LCDR. Jim Kincheloe of NWC Gold shot a 78 for the lowest 18-hole gross score. SWC Bob Johnson, also a member of NWC Gold, was second individually with a score of 82.

The team members of VX-5 and their scores were: Jim Thomas (83), Paul Kenney (87), Rick McAllister (91), David Janiec (94), Steve Holder (104) and Steve Williams (107).

The next Commander's Cup event scheduled is the soccer competition, which will be held later this month.



**PERFECT FORM** — SWC Bob Johnson of the NWC Gold team tees off at the first hole in the recent Commander's Cup golf competition held at the China Lake golf course. Other golfers waiting to start play, and their teams are, (l. to r.) ATAA Roy Kirk (NWC Blue), ATAA Mike Lambert (NWC Blue) and LCDR. Paul Kenney (VX-5). The VX-5 team won the Commander's Cup golf match.

is capable of putting out close to 900 horsepower using special racing fuel, and is competing in a different classification.

The "Terrible Toy" has been entered in drag boat races at Lake Ming in Bakersfield, and at Chowchilla and in Red Bluff — all in California — as well as at Phoenix, Ariz., and at Waco, Tex.

Erwin's racing boat is 18 ft. long and has an ultralightweight hull manufactured by Honda. A lot of the work on the boat's engine has been done by the Cram McCall machine shop.

On trips to various racing events, Erwin is accompanied by his wife, Carol, a brother Danny, from Oxnard, and Jack Griffin, an employee in the Transportation Division of the NWC Public Works Department.

## Team rosters for flag football, winter softball leagues due

Those interested in entering teams in either the NWC military winter slow-pitch softball program or the NWC flag football program should submit their rosters to the recreation coordination office, located next to the Center gymnasium, as soon as possible.

There is no charge for military personnel competing in the programs, but civilians wishing to participate in flag football must have yearly athletic memberships or sports activity cards.

Both programs will begin around the middle of this month, but exact starting dates were not known since the programs' organizational meetings were held this week after press time.

The softball games will be played on Monday and Wednesday evenings at Schoeffel Field, and flag football contests will take place at the same place on Tuesday and Thursday evenings.

For further information contact the Center gymnasium by calling NWC ext. 2334.

## Season tickets on sale for Burroughs High grid contests

Reserved seat and general admission season tickets are now on sale for the six home games of the 1980 Burroughs High School football season.

The reserved seat tickets, which cost \$20 each, and the general admission season tickets, which cost \$12.50 apiece, may be purchased at the BHS activities office. The tickets will also be on sale at the Burros' Booster Club's pancake breakfast, which will be held at 7:30 a.m. tomorrow in the multi-use room at the local high school.

All fans who had reserved seat tickets last year have until Monday to renew those seats. After Monday the seats will go on sale to the general public.

The Burros' football season begins on Sept. 12, with a non-league contest at home against Barstow High School.

For further information, contact the BHS activities office by calling 375-4476.

## Military, civilian health care leaders confer

Wholehearted, close cooperation between the Navy and civilian medical care communities will work to the advantage of both, RAdm. J. R. Lukas, MC, declared during his visit to the Naval Weapons Center last week.

RAdm. Lukas, who is Inspector General of the Bureau of Medicine and Surgery, and an inspection team were on board the Center to conduct the regular triennial command inspection of the NRMCMC branch clinic.

While he was here, he met with community civilian health leaders to discuss mutual cooperation and agreements now signed or pending between the Navy and local health care agencies.

Meeting with him were Dr. Cloyse Odom, Administrator, Ridgecrest Community Hospital; Dr. Eugene Brandt, Dr. and Mrs. Dennis Welcome, and Dr. Robert Jones, Drummond Medical Group; and David Mechtenberg, Administrator, Desert Counseling Clinic.

## TWO SYSTEMS OF CARE

Navy medicine, says RAdm. Lukas, consists basically of two systems: an operational system to provide care for uniformed personnel and a direct care system, aimed at dependents and retired personnel.

While civilian medical facilities have long cared for dependents and retired personnel through CHAMPUS coverage and, on occasion, contracts with private health care facilities, civilian health care is increasingly being extended to uniformed personnel as well.

Only 3,600 billets now exist for doctors in the Navy and Marine Corps. About 160 of these billets will be empty at the end of this year. Nearly 1,200 Navy doctors are in training at any one time, with another large group of Navy doctors providing such training. Almost 500 additional doctors are stationed on ships, at overseas hospitals, and at field stations. This leaves relatively few doctors available for assignment.

## RESERVISTS FILL NEED

Some of the doctor shortage is met by reservists who are willing to serve on temporary active duty for from 30 days to 20 weeks (a sort of "rent-a-doc" program, RAdm. Lukas laughingly noted). Because of the limited time that they are permitted to serve on active duty, however, RAdm. Lukas says, they admirably meet short term care needs but are not able to provide continuing care.

Navy physicians assistants and nurse practitioners play vital roles. Billet strength for Navy physicians assistants is 250; all billets are currently filled. Nurse practitioners provide three categories of care: adult care, wherein they work with chronic stable cases; obstetrics and gynecology care, including midwifery (which Dr. Lukas, an obstetrician himself, praises highly); and pediatrics care.

To fill unmet needs, the civilian medical community is being called upon to provide specialists' care, not just in remote locations such as the Indian Wells Valley,

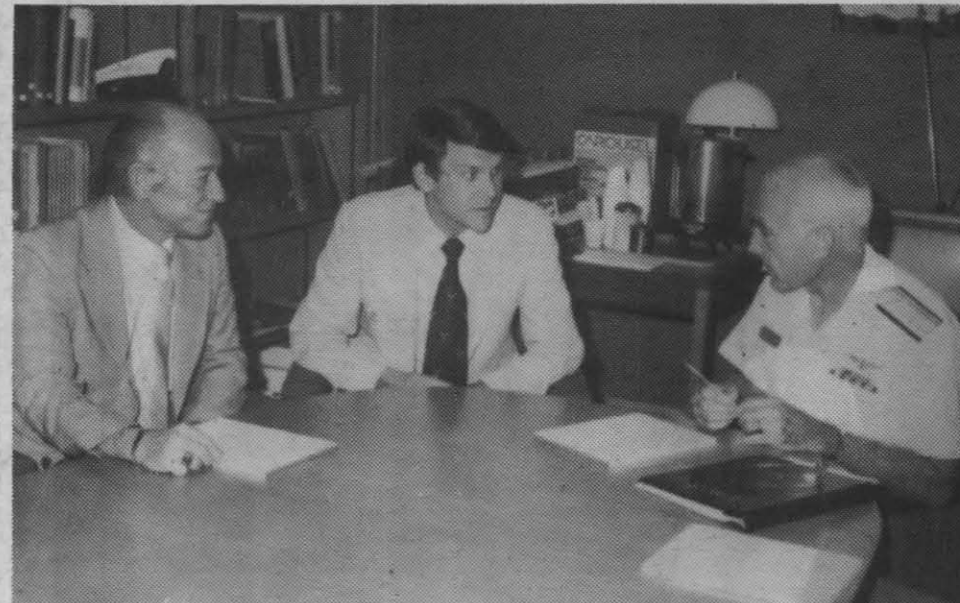
## Military pay . . .

(Continued from Page 1)

retired pay for each individual service man or woman who first joins the military service on or after the date of enactment of the Fiscal Year 1981 Defense Authorization Bill. Retirement pay for those already in the military service is to be computed under the current system.

(10) Allows veterans' benefits only for individuals who complete at least 24 months of active duty service, except in cases of injury or certain unusual circumstances relating to hardship or disability.

(11) Seventy-five million dollars is authorized for a one-year test of various educational incentives. This includes a new educational assistance program for selected military personnel who enlist for the first time after Oct. 1, 1980. Such personnel will be eligible for one academic year of educational assistance for each year of their initial enlistment up to a maximum of four years.



**COOPERATION** — Dr. Cloyse Odom, (l.) Administrator, Ridgecrest Community Hospital, and David Mechtenberg, Administrator, Desert Counseling Clinic, discuss local health care needs with RAdm. J. R. Lukas, Inspector General of the Bureau of Medicine and Surgery, during his visit to NWC last week.

but also in metropolitan communities.

RAdm. Lukas indicated his pleasure over the unusually good relationship between the NRMCMC branch personnel and the local civilian health care community.

## CHAMPUS CARE PROVIDED

The Ridgecrest Community Hospital and the Drummond Medical Group have long cared for dependents under CHAMPUS, but were not able to treat active duty personnel until an agreement signed on June 30 of this year permitted physicians at the NRMCMC to refer uniformed personnel to specialists at the Drummond Medical Group rather than having to send them to the NRMCMC, Long Beach, for diagnosis of medical problems.

Dr. Brandt, president of the Drummond Medical Group, feels that the arrangement has resulted in providing convenient care for the Center's military community as well as saving time and money for the Navy.

He also noted that RAdm. Lukas was pleased to learn that local Navy medical personnel have consistently been invited to join with personnel of the Drummond Group and Ridgecrest Hospital in a continuing medical education program.

## GOOD WORKING RELATIONSHIP

Dr. Odom commented on the excellent working relationship that the Ridgecrest Community Hospital has had with the NRMCMC branch clinic and credits the administrative skills of LCDR. Greg Waddington, Officer-in-Charge of the branch clinic, with much of the success of that relationship. He was also impressed with RAdm. Lukas' knowledgeability about the local situation.

Mechtenberg added that while the Desert Counseling Clinic has always been able to serve military dependents, a pilot

agreement has now been initiated that would permit the clinic to serve active duty personnel also. The agreement was signed in June and is now being reviewed in Washington.

"An outstanding facility," was the report of the inspection team, with the teamwork of all personnel, civilian and military, working at the NRMCMC being commended as responsible for the exceptional quality of care.

Especially commended also were the community relationships and the communication with commands supported.

## Speaker at Navy League meeting to discuss rocket car

Ray Van Aken, who served as aerodynamicist on the rocket car that broke the land speed record in 1979, will be the featured speaker at a meeting of the Indian Wells Valley Council of the Navy League on Thursday, Sept. 11.

The meeting will be held at Clancey's Claim Co. in Ridgecrest, starting at 6 p.m. Salad and hors d'oeuvres will be served at a cost of \$3.25 per person. Reservations must be made by Tuesday; they may be made by telephoning Tom Andress at 446-6924 or 446-5763.

Van Aken, who is an aeronautical engineer in the Ordnance Systems Department at NWC, was one of the team of experts who worked with the Budweiser rocket car. The car attained a speed of 631.9 miles per hour at Rogers Dry Lake on Edwards Air Force Base in 1979 to break the world land speed record.



**UNPRECEDENTED RECORD** — Gera Thomas, office manager for the Ridgecrest area office of the Automobile Club of Southern California, presents Capt. W. B. Haff, NWC Commander, with an unprecedented 23rd consecutive Pedestrian Safety Achievement Award. — Photo by Sam Wyatt

## Energy Awareness Survey set during week of Sept. 15

An Energy Awareness Survey will be conducted at the Naval Weapons Center during the week of Sept. 15 by the members of the Department Energy Conservation Council with the assistance of the Energy Program Office, Building Energy Monitors, and other selected representatives of concerned codes.

The survey is the result of the Department Energy Representatives being asked to help develop ideas in support of Navy Energy Awareness Week, Oct. 27 through Nov. 2, 1980. The Energy Conservation Steering Committee felt the survey was a good idea with potential benefits for the Center and its employees. The Steering Committee also felt because of potential benefits the survey should be held as soon as possible rather than being delayed until Energy Awareness Week in October.

The survey has two goals: to increase energy awareness and to identify possible areas in which further energy can be conserved. In addition to the two major goals, the Department Representatives and the Steering Committee felt the survey would provide an opportunity to recognize accomplishments in energy conservation by many of the departments, and an opportunity for employees and others to communicate with Energy Representatives.

Personnel who have additional ideas or who would just like to show the survey team some energy conservation accomplishment are encouraged to contact their Department Energy Representatives or Building Monitors prior to or during the survey.

In an effort to include as many facilities as possible during this one week schedule, a standard form has been developed and will be used to record relevant data. The data collected will be analyzed by the Department Energy Representatives to determine how well their departments are doing on energy conservation, determine what additional efforts are required to further conserve energy, and what areas should be commended for conservation already accomplished.

Areas that will be inspected include the FH area (the industrial part of the main site), Armitage Airfield, the China Lake Pilot Plant, area ER, and the ranges.

Training has been provided for all those who are involved in conducting the survey. During the survey the team will pass out energy awareness buttons to employees.

A report of the data collected will be generated as a working document for the Department Energy Representatives and the Energy Program Office. A copy of the report will be distributed to the Energy Conservation Steering Committee. A quarterly report will be generated later and indicate progress made in areas where additional work efforts were required to further conserve energy.

## Discussion of FEW, FWP to highlight meeting next Thurs.

Annie Hemp, Regional Manager for the Western Region of Federally Employed Women (FEW), and Belle Hervey, Federal Women's Program Manager for NWC, will be honored guests and speakers at the annual meeting of the local chapter of FEW on Thursday, Sept. 11.

The meeting will be held in the Sidewinder Room of the Community Center at 11:30 a.m.; attendees will have a choice of a "dime-a-dip" potluck or bringing a brown bag lunch.

Ms. Hemp will give a background and history on FEW and its aims; Ms. Hervey will talk about the Federal Women's Program and how it functions at NWC.

All Federal employees are invited to attend. Those who plan to do so are asked to telephone either Wanda Clark at NWC ext. 3361 or Joann Kovaleski, NWC ext. 3782, before the day of the meeting.



## Bridges honored . . .

(Continued from Page 1)  
 improvements in customer relations with the Center's housing occupants.

Bridges, who has nearly 27 years as a Civil Service employee, will be returning to the Office of Naval Research where (in 1957) he broke into the field of financial management as a budget analyst.

Later he worked for three years as a budget officer in the Office of the Navy Comptroller where he dealt with matters concerning research, development, test and evaluation appropriations prior to joining the work force at China Lake in 1967.

For the past 13 years, Bridges has been with the Office of Finance and Management or its predecessor (Central Staff) — starting out as a branch head in the Budget Division of Central Staff.

At various times he has been the head of Code 08's Budget Division, and the Management Data Processing Division, in addition to serving as deputy head of Central Staff and acting head of Central Staff for a 6-mo. period in 1974. Also, for a year, he was the acting head of staff for the Weapons Department in the days when it was known as Code 40.

During the 1977-78 school year, Bridges attended the Navy Postgraduate School in Monterey, Calif., where he received a master's degree in financial management.

House hunting in Arlington, Va., will be the first chore facing Mr. and Mrs. Bridges and their 17-year-old daughter Elaine, when they arrive in the nation's capital.

In addition to working at NWC, Mrs. Bridges has been a member of the Ridgecrest Planning Commission since her appointment to that post last April.

## College class in 'Living With Math' to start Wednesday

A short, 6-week class entitled "Living With Math" will begin next Wednesday, Sept. 10, and continue on Wednesdays until Oct. 15 from 7 to 8:30 p.m. at the Kern County library in Ridgecrest.

This class, which is offered by Cerro Coso Community College, is designed for persons who feel they are incapable of understanding mathematics and have a certain amount of anxiety about tackling math.

Co-instructors of the class will be Anne Teppo, a math instructor at Cerro Coso, and June Wasserman, a psychology instructor.

A second session of this same class is planned at the local college from 12 noon to 1 p.m. each Wednesday during the month of October.

There are no prerequisites for attending this class, which is open to all interested persons. Registration is being handled in the Cerro Coso Office of Admissions and Records Monday through Thursday, from 9 a.m. to 7 p.m., and on Friday from 9 a.m. to 4 p.m.

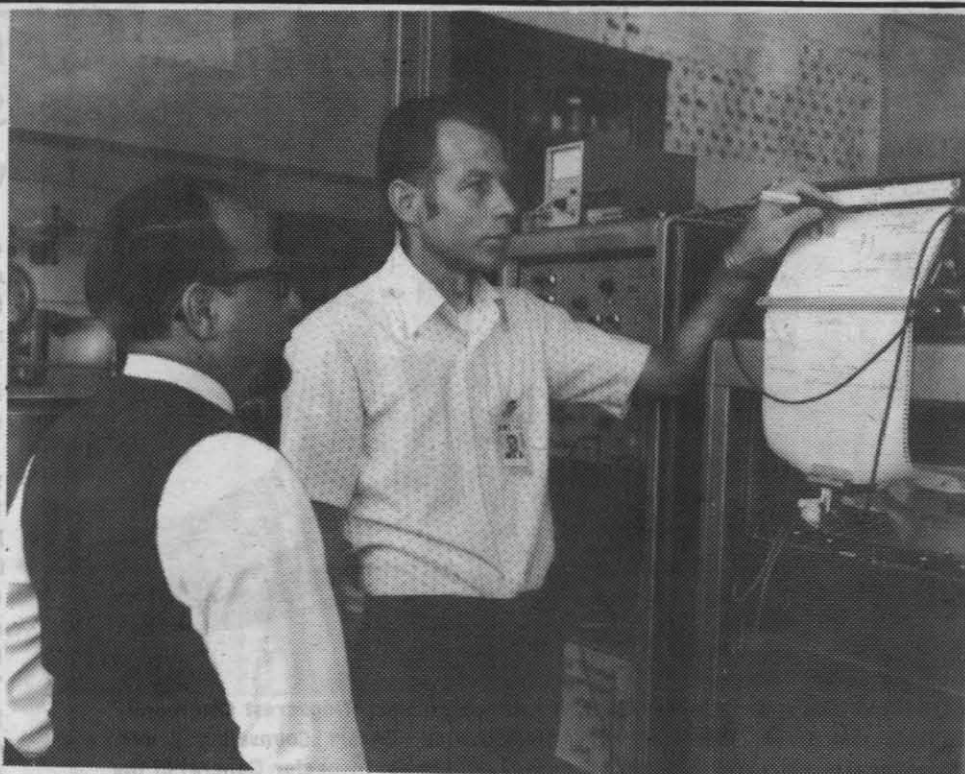
## Dr. Ortiz to speak at Hispanic Heritage lunch

Dr. Alicia Ortiz, a professor at the University of Texas and expert on multicultural education, will be guest speaker at an open lunch honoring Hispanic Heritage Week. The Maturango Museum-catered lunch will be held on Monday, Sept. 15, at 11:30 in the Community Center. Cost of the lunch is \$4.50 per person.

Dr. Ortiz will speak on "The Changing Population: Hispanics in the 80s." She will also conduct a workshop from 9 to 11 a.m. on Monday in the Community Center entitled "Culture Awareness."

While lunch reservations were necessary and tickets must be picked up promptly at the EEO office, no advance registration is required for Dr. Ortiz's workshop nor for the workshops to be conducted by Hermillo Gloria, Deputy District Director, Equal Employment Opportunity Commission, San Francisco.

The latter will conduct a workshop on Tuesday entitled "Affirmative Action Plan," and on Wednesday entitled "Hispanics in Aviation." Both of these workshops will be held from 9 to 11:30 a.m.



CONFERENCE — Drs. Aaron Fletcher (l.) and Melvin Miles examine data for their thermal battery research. So far, their work on thermal batteries has resulted in three patents. — Photo by PH2 Tony Garcia

## Thermal battery technology is advanced by 2 local scientists

Patent awards recently made to Drs. Aaron Fletcher and Melvin Miles in the Naval Weapons Center Research Department represent solid advances made in thermal battery technology.

Their patents apply to the use of molten nitrates and metallic calcium in the batteries, materials that they found to be compatible with each other for use as oxidizing and reducing agents. An inert protective film prevents the batteries' anodes and cathodes from, in essence, chewing themselves up. The nitrates have a lower melting point than materials currently in use in thermal batteries, so less insulation is needed and batteries can be made larger.

Thermal batteries become active only after heat is applied. The first thermal batteries were invented by German scientists for ordnance applications in the V-I and V-II rockets during World War II. The main use of these batteries is still military in that they are used in missiles, proximity fuzes, shells, and atomic weaponry. Basically, the batteries are used in items that the manufacturer or user does not want to get back.

As well as being a one-use-only battery, the thermal battery must also have a long shelf life because weapons may sit on the shelf for years without being used. Reliability must be extremely high — but no battery can be pretested because it is strictly a one-use-only component. Maximum power is usually needed for anything from a few seconds up to 30 minutes.

With such restricted uses of the thermal battery, the government is the main customer for battery manufacturers, and a one-customer item usually does not rate much research and development money from private sector companies.

Recognizing that thermal battery technology needed further development, B. W. Hayes, NWC Deputy Technical Director, began to fund such research while he was head of the Engineering Department; this funding has been continued by Dr. Ed Royce, Research Department head.

The Independent Exploratory Development program also provided funding, as did the Naval Material Command.

Dr. Fletcher, who was designated primary investigator, feels that the Research Department had an exceptional advantage in that there had been no thermal battery technology research conducted here, so there was no commitment to any particular line of work. He developed the concept for which their patents were granted, which Dr. Miles then put into effect. The quality of work of both men is shown by their first experiment proving the concept to be practical.

Aim of the work was to increase the energy and power density of the batteries while still using non-toxic materials as far as possible.

So far three patent applications have been made by the two men. Their follow-on work, it is anticipated, may result in one-man-year's work during fiscal year 1981 and two during the following year.

workshops.

Dr. Ortiz, a native of Texas, has had extensive work experience with minority populations in both the school and business worlds since she received her doctorate from the University of Texas.

She was Director of the Bilingual/Bicultural Education Program and Assistant Professor of Special Education at San Jose State University in California, and Director of Bilingual Chicano Studies at Southern Methodist University in Dallas, Tex. Her earlier work includes serving as speech, hearing and language therapist for a school system in San Antonio, Tex., and work with migrant education. Dr. Ortiz has also served on the U.S. President's Committee on Mental Retardation.

Her husband, James R. Yates, is Assistant Dean of Education at the University of Texas in Austin, where their family includes two daughters, aged 12 and 15.

All NWC personnel are encouraged to attend one or more of the workshops and the Hispanic Heritage Week luncheon.

## Lt. Col. Smith now on duty at Marine Corps Liaison Office

Lt. Col. Scott Smith, USMC, recently reported for duty at the Marine Corps Liaison Office of the Naval Weapons Center. Lt. Col. Smith will be replacing Lt. Col. Ben Adams, who is retiring from military service.

Lt. Col. Smith was commissioned a second lieutenant after graduating from Eastern New Mexico University, Portales, N. Mex., in 1960. He was awarded his naval aviation wings in April 1962 upon completion of flight school at the Naval Air Station, Pensacola, Fla. Shortly thereafter, he joined his first squadron in Santa Monica, Calif.

He served three tours of duty in Vietnam and spent four years with HMX-1, a Marine squadron that pilots the President of the United States.

Prior to his transfer to China Lake, Lt. Col. Smith commanded Marine Medium Helicopter Squadron 263 at the Marine Air Station, New River, N.C.

A native of Jasper, Fla., Lt. Col. Smith thoroughly enjoys the desert. "I spent 3½ years in Yuma and went through high school and college in New Mexico. This country is my cup of tea," he said.

Lt. Col. Smith was accompanied to China Lake by his wife, Eleanor, and two of their three children, Scotty, who is 19, and Kathleen, 18.

## 1st place in photo contest won by Center employee

The National Industrial Recreation Association Photographic Contest, an annual photographic competition, is open to all military and DoD employees and their dependents but is limited to non-professional photographers — those earning less than half their yearly income through photography.

This year, of the 592 entries submitted by 41 companies, Dale Baker (Phoenix Fuze Systems Branch) won first place in the Human Interest category (color prints), and took second place for Best of Show (color prints).

No newcomer to photography, Baker's interest began while he was still in college, but after leaving school he found that his career as an electronic engineer did not



Dale Baker

leave much spare time to pursue his hobby. In 1972 when he moved to China Lake from Corona, Baker rekindled his interest and joined the China Lake Photographic Society.

Baker responded to an article printed in the ROCKETEER last winter and submitted his photo through the Hobby Shop. His winning entry in the NIRAPC was a photograph of Ruffles the Clown. "I happened to run across him in Anaheim and asked him to pose for a minute. The original picture was an upper body shot, but I decided to go with just the face."

Baker's winning photograph was placed on exhibit for one month in San Diego and will be published in "Recreation Management Magazine."



HEADED THIS WAY — Cast members dance to a Venezuelan folk song number during the international medley from the "Up With People" show. This widely acclaimed 2-hour show of music, songs and dances will be presented at 8 p.m. on Sunday, Sept. 14.

## 'Up With People' slated Sept. 14 at Center theater

A lively program of music, songs and dances will be presented at the Center theater on Sunday night, Sept. 14, when an international cast of some 80 young people will be here to present the updated and upbeat version of the "Up With People" show.

Curtain time is 8 p.m., and tickets for the show can be purchased in advance in Ridgecrest at the Daily Independent newspaper office, the Giftmart, First Federal Savings, and Hucek Travel Center. General admission prices are \$5.50 for adults and \$4.50 for students and senior citizens.

Arrangements for this local appearance of one of the five touring companies of "Up With People" were made by the Daily Independent newspaper, and a portion of the proceeds (10 percent) has been earmarked for the Maturango Museum building fund.

Included in the cast of young people 18 through 26 years of age who will be performing here are members from 14 different countries. The group's band director, Kevin Caruso, is, however, familiar with the local area as a result of having attended Cerro Coso Community College before he joined "Up With People."

Scheduled for presentation here on Sept. 14 is an all new, two-hour show that features dazzling new costumes including an international collection of folk dress. The entertainment that is offered has a wide appeal to persons of all ages and life styles.

Millions of people throughout the United States and in some foreign lands were treated to a capsulized version of the "Up With People" program when this lively group was invited to appear during the halftime show at Super Bowl XIV. Beyond that, "Up With People" has been acclaimed in 42 countries on six continents for its Talk on design of special telescope to be presented

Nils Allen will be the featured speaker at the China Lake Astronomical Society's September meeting on Monday at 7:30 p.m. at the Society's hut at 401-A McIntire St., China Lake.

Allen's topic will be "A Design for a Combination Newtonian-Cassegrain Telescope." He will describe how he intends to construct a telescope that can be changed from a long focal Cassegrain to a short focal length Newtonian configuration with a minimum of time and effort.

Also on Monday night, Carroll Evans will narrate film slides showing telescopes at the observatory located near Flagstaff, Ariz.

This meeting is open to all interested persons.

unique blend of musical and dancing entertainment.

Cast members of "Up With People," an organization headquartered in Tucson, Ariz., are students who apply each year and pay a tuition of \$4,800 for the 11 months they will be in the program. From among the more than 7,000 applicants, the number accepted is trimmed to around 400 who are divided into casts of 60 to 100 each before undergoing an intensive six-week period of rehearsals that precedes taking the show on the road.

The twofold purpose of "Up With People," which was incorporated in 1968 as a non-profit, international educational program, is to build bridges of understanding and communication among peoples, cultures, and countries, and to give the young people who participate in it a learning experience that broadens their knowledge of themselves and the world.

In each community they visit, cast members stay with "host families" and share in their lifestyles and interests. At the time of their appearance here, lodging will be needed for the 80 singers, dancers and musicians who are coming to Indian Wells Valley.

Local families that can provide bedspace for the young performers on Saturday and Sunday nights, Sept. 13 and 14, are asked to call the Daily Independent newspaper office (375-4481) and ask for Kim England or Shauna Young, who have arrived here in advance of the show to promote interest in this event and line up housing accommodations for the "Up With People" cast.

The young entertainers have presented performances in New Mexico and Arizona, in the Los Angeles area, and in Tijuana, Mexico. After their show here they will head for Mexico to entertain audiences until December.



HEARTY CONGRATULATIONS — Caroline Parrent watches as her husband, Larry, is congratulated by Capt. W. B. Haff, NWC Commander, on being frocked as a Commander in the Naval Reserve. Cdr. Parrent, who is administrative officer for the Chemistry Division of the Research Department while wearing his civilian hat at NWC, has been Commanding Officer of NR FF1051 O'Callahan since October 1978. NR FF1051 O'Callahan, under Reserve Readiness Command Region Nineteen, San Diego, was organized in Bakersfield to support the fleet ship USS O'Callahan in time of mobilization; its members carry out their reserve stints at NWC. — Photo by Ron Allen

## Committee prepares for emphasis on handicapped needs

In preparation for two special weeks of emphasis on employing the handicapped that will be coming up in October, there will be a meeting of the Naval Weapons Center's Handicapped Employment Advisory Committee at 3 p.m. Tuesday in the Joshua Rm. of the Community Center. The meeting is open to all interested persons.

According to Daniel L. Banks, an electronics mechanic in the Fuze Department's Sensor Systems Division, who heads the committee, a recent survey of NWC employees brought responses from 416 Center employees, who identified themselves as being victims of some 50 different disabilities.

Banks, who is joined on the Handicapped Employment Advisory Committee by Jim McNeely, a mechanical engineer in the Parachute Systems Department's Product Support Division, and by Beth Hughes, division secretary for the Management Information Systems Division in the Office of Finance and Management, is making plans to obtain films and speakers for programs to be presented here during National Employ the Handicapped Week (Oct. 6-10) and National Handicapped Awareness Week (Oct. 13-17).

During the two-week emphasis on this subject in October, the committee would also like to hear from Centerites who have any special questions they would like answered on the matter of employing the handicapped.

At the present time, NWC's Handicapped Employment Advisory Committee is working on removal of architectural barriers that cause problems for the handicapped in 14 high use buildings on the Center.

When the committee is aware of needs, it also can provide help in the acquiring of equipment (such as wheelchairs for the physically handicapped or magnification devices to assist those who are visually handicapped), Banks noted. In addition, the committee stands ready to lend its support to handicapped employees who would benefit from individual work site modifications.

Long range plans of the committee include the scheduling of more awareness training programs, and working with NWC recruiters to make sure that the word gets out on the Center's interest in employing the handicapped.

## Workshop planned for those interested in trimmer figure

NWC personnel who find that either their fall and winter clothes have suddenly grown three sizes smaller or that they are losing the battle of the bulge have an opportunity to enroll in an innovative workshop that will help them develop a new and trimmer self.

Dieters who have discovered that their willpower is not up to the Air Force Diet, the grapefruit diet, the last-chance diet, or that their good intentions to exercise daily have vanished along with their waistslines can learn how to create and follow a program that will keep them fit and trim for the rest of their lives.

Those who are too thin, too flabby or too sedentary can also use the same behavioral methods to enable themselves to overcome these problems.

No supervisory approval is required to register for the workshop, which will meet on Mondays from 4:45 to 6 p.m. starting Sept. 22 and lasting until Nov. 17 in Rm. 103 of the Training Center. Lynn Lacey will be the instructor.

Those interested in attending may register by telephoning Carol Corlett at NWC ext. 2574.

### IMPORTANT SEA BATTLE

The Battle of Coral Sea, the first carrier vs. carrier sea battle, began May 4, 1942, between U.S. and Japanese forces.