



CONSERVATION AWARD PRESENTED — Dr. Kristin H. Berry, of Ridgecrest, receives an American Motors Conservation Award from Gerald C. Meyers, chairman and chief executive officer of American Motors Corporation at the 25th annual Conservation Awards Banquet held in Washington, D.C., June 13. Dr. Berry is known as the protector of the desert tortoise and conducted a relentless campaign which led to the creation of a Desert Tortoise Preserve. She received a bronze sculptured medallion and a \$500 honorarium. American Motors Corporation annually presents ten professional and ten non-professional awards for outstanding service in the management of this country's renewable natural resources.

### Museum to present illustrated lecture on land of ancient Incas

An illustrated lecture on "The Inca Trail to Machu Picchu" will be presented under the sponsorship of the Maturango Museum on Wednesday, July 11, at 7:30 p.m. in the Cerro Coso Community College lecture hall. Hal and Jean Bennett, Jim Nichols, and Pat Sorensen, all NWC employees, will show film slides and movies of their trip to Peru, accompanied by authentic Peruvian music and with a display of native souvenirs.

To begin their trip, the group flew to Lima, and then to Cuzco, the former Inca capital. This 11,000-foot-high city is inhabited by many descendants of the ancient Incas.

Events in Cuzco during this trip included firecrackers on Easter, music from a local band, a bicycle race, and a climb to the ruin of Sacsayhuaman overlooking the city. The party then took the local train to Kilometer 88, the start of the famed Inca Trail. There they shouldered backpacks and for the next six days followed in the steps of the Incas toward Machu Picchu.

The Inca Trail wanders high in the Andes Mountains over two passes that are higher than 13,000 feet in elevation and past several former Inca strongholds that have since reverted to jungle. The party camped in one of these, Sayacmarca (Dominant Town), which is perched on a knife-edge ridge reached by a long flight of stone stairs.

Approaching Machu Picchu, the trail passed around sheer cliffs within a long rockfall of the Urubamba River, and finally through a large stone Inca portal. Below the portal lay the fabled ancient city of Machu Picchu.

The day which the Bennetts, Nichols, and Mrs. Sorensen spent exploring the extensive ruins they describe as "a fitting finale to a wonderful trip."

Wednesday evening's lecture is open to the public free of charge. All interested persons are invited to attend.



INCA RUINS EXPLORED — Pat Sorensen and Jim Nichols rest on the trail to the fabled Inca Ruins of Machu Picchu. Along with Hal and Jean Bennett, these NWC employees have arranged a multimedia show of their recent trip to Peru.

### Wide range of activities slated throughout July by Youth Center

The NWC Youth Center has a full schedule of events planned this month with activities including a children's dog show, pool tournament, skateboard race, pinball and ping pong tournaments and classes in making model cars, jewelry, model planes and ceramics.

Youth Center membership is required for all of these activities, and additional fees are charged to help cover added expenses. The annual fee for membership in the Youth Center is \$4 per child for dependents of retired military, active E-6 and above with a maximum charge of \$12 per family; \$6 per child for Department of Defense (DoD) dependents with a maximum charge of \$18; \$12 per child for non-DoD dependents with a maximum of \$36; and free for children of active duty military members E-1 through E-5.

#### Ping Pong Tournament

A ping pong tournament will be held on Tuesday starting at 2 p.m. Registration, which is now underway, will continue through Monday at the Youth Center. A fee of 50 cents will be charged each participant.

#### Pool Tournament

An eight ball pool tournament is scheduled on Tuesday, July 17. Registration will be accepted through Monday, July 16. The tournament will begin at 3 p.m. and there is a fee of 50 cents per member to participate.

#### Fishing Trip

On Thursday, July 26, youngsters will be taken on a fishing trip to Lake Isabella. Only nine may go on this trip, so it will be first come, first served. Another such outing will be held in August.

The young anglers must furnish their own equipment and bait. Each youngster must also take his or her lunch. An additional fee of \$1.75 per person will be charged for this activity.

#### Children's Dog Show

A children's dog show will be held at McBride Park on the Center on Thursday, July 19, starting at 3:30 p.m.

Youngsters 4 through 14 years of age may enter their dogs for judging in the following categories: the best behaved dog, the funniest, the best costumed, the smallest, the largest, and the best looking. There also will be an award for the dog owner whose pet performs the best trick.

The "best of the show" winner will be selected from the winners of each of the above mentioned categories. Dogs must be at least 6 months old, and entry blanks are available at the Youth Center.

#### Skateboard Race

Children may sign up at the Youth Center through Tuesday, July 17, for a skateboard race on Wednesday, July 18, starting at 2 p.m. A fee of \$1 will be charged each entrant.

Ribbons and plaques will be awarded to

### Protestant Women

### now busy plans for ice cream social

The Protestant Women of the Chapel are finalizing plans for the 28th annual ice cream social to be held on the lawn of the All Faith Chapel, Tuesday, July 17, from 6 to 8:30 p.m.

For a donation of \$1.25, adults will be served a generous helping of ice cream, a piece of homemade pie or cake, and coffee, iced tea or punch. For 50 cents, children receive ice cream, cake or pie and punch.

All proceeds from the ice cream social will go to mission projects supported by the Protestant Women of the Chapel.

A Dixieland band is scheduled to play during the event and other fun-filled activities are planned for all.

Tickets may be purchased July 17 at the social or earlier at the All Faith Chapel office. They will also be available on Sundays after the Protestant Congregation services.

winners in this contest and in all other competitive events slated this summer at the Youth Center.

#### Special Classes

Special classes scheduled at the Youth Center include model car making on Monday and Tuesday (the deadline for registration is today); a jewelry class on Monday, July 16, registration deadline Friday, July 13; model airplane building on Tuesday, July 24, registration deadline Monday, July 23.

All classes will be held from 10 to 11 a.m. with exception of the ceramics class on Tuesdays and Thursdays, July 24, 26, 31 and Aug. 2, which will be held from 9 to 10:30 a.m. The registration deadline for the ceramics class is Friday, July 20. An additional fee of \$3.75 per student will be charged for the ceramics class to cover the expense of materials that will be used.

In addition, classes offering instruction on how to grow plants will be held on Wednesday, July 25, and in bird house making on Monday and Tuesday, July 30 and 31, from 10 to 11 a.m. each day.

The Youth Center hours of operation during the summer months are Monday through Friday, 10 a.m. to 8 p.m., and Saturday and Sunday, 1 to 5 p.m.

Youth Center members may use the indoor basketball court year around. Equipment that is available can be checked out at the Youth Center office during operating hours. Also available during the summer months only is equipment for co-ed volleyball.

## 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.  
For synopsis information call  
Code-O-Phone 939-2411  
There will be no Saturday matinee's until further notice.

FRIDAY	"SCALPEL"	JULY 6
	Starring Robert Lansing and Judith Chapman (Drama, rated PG, 102 min.)	
SATURDAY	"KING OF THE GYPSIES"	JULY 7
	Starring Eric Roberts and Brook Shields (Drama, rated R, 119 min.)	
MONDAY	"CARAVANS"	JULY 9
	Starring Quinn and Jennifer O'Neil (Adventure drama, rated PG, 126 min.)	
WEDNESDAY	"HARDCORE"	JULY 11
	Starring George C. Scott and Peter Boyle (Drama, rated R, 108 min.)	
FRIDAY	"THE DARK"	JULY 13
	Starring William Devane and Keenan Wynn (Science-fiction, rated R, 90 min.)	
SATURDAY	"TRUE GRIT"	JULY 14
	Starring John Wayne (Western drama, rated G)	

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



Naval Weapons Center  
China Lake  
California

July 6, 1979

Vol. XXXIV, No. 27

## Capt. Haff replaces RAdm. Harris as NWC Commander

### Change of Command ceremony concludes 33 years of active duty by RAdm. Harris

Leadership of the Naval Weapons Center was transferred from Rear Admiral William L. Harris to Capt. William B. Haff, former Deputy Laboratory Director at NWC, during a change of command ceremony held last Friday morning on the Administration Circle lawn.

The ceremony brought to a conclusion the distinguished naval career of RAdm. Harris, who enlisted in the Naval Reserve as an aviation cadet in the V-5 program in 1942 and entered the U.S. Naval Academy as a midshipman in 1943.

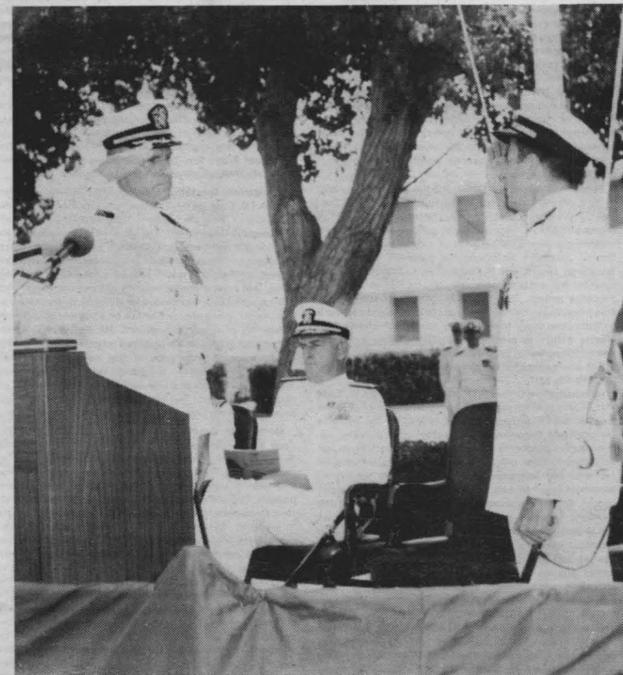
In recognition of the outstanding manner in which he carried out the demanding duties of NWC Commander for nearly two years, RAdm. Harris received a Gold Star in lieu of a second Legion of Merit. This presentation to RAdm. Harris was made on behalf of the President of the United States and the Secretary of the Navy by Admiral A. J. Whittle, Jr., Chief of Naval Material, guest speaker at the change of command ceremony.

#### Honors Include 17-Gun Salute

Remarks by the Chief of Naval Material followed the traditional honors paid to a four star admiral, including a 17 gun salute; parading of the colors by the NWC Sidewinder drill team color guard; singing of the National Anthem by Petty Officer Cynthia Harris; and the invocation by Capt. F. E. Whitaker, NWC Senior Chaplain.

Among the throng of those who witnessed the change of command ceremony were three former Commanding Officers of NWC or its forerunner, the U. S. Naval Ordnance Test Station. They were RAdm. S. E. Burroughs, USN (Ret.), the first Commanding Officer of NOTS; VAdm. Paul D. Stroop, USN (Ret.); and RAdm. Paul E. Pugh, USN (Ret.).

During his talk, Admiral Whittle emphasized both the importance to the Navy and to the nation of the Naval Weapons



CHANGE OF COMMAND — After reading his official orders, Capt. William B. Haff (at left) exchanges salutes with Rear Admiral William L. Harris, who he relieved as NWC Commander during the change of command ceremony held last Friday. Seated in the background is Admiral A. J. Whittle, Jr., Chief of Naval Material, guest speaker. — Photos by PH2 Tony Garcia

## Dr. Odencrantz chosen to receive Meritorious Civilian Service Award

A Civil Service career of 30 years duration came to a close last Friday for Dr. F. Kirk Odencrantz, whose valuable contributions to the Naval Weapons Center, the Navy and the nation were recognized by the presentation to him of a Navy Meritorious Civilian Service Award.

The presentation was made by Rear Admiral William L. Harris, NWC Commander, just two days before his two year tour of duty as Center Commander was concluded.

Dr. Odencrantz has been employed for the past year as a physicist in the Explosives Formulation Branch of the NWC Ordnance Systems Department — doing work on chemical warfare decontamination. Prior to that time, he had been involved in a variety of research programs carried out while an employee in the Center's Research Department.

#### Took Year's Educational Leave

Except for a year (1954-55) when he was on educational leave — working for his doctorate in physics at the University of Utah in Salt Lake City — Dr. Odencrantz has been a China Lake employee since 1951.

He came here from the Atomic Energy Commission's New Brunswick Laboratory in New Jersey, where he had worked for 1½ years after receiving his master's degree in physics at Rutgers University in New Brunswick, N. J.

Basic research work in a group within the Research Department headed by Dr. W. F. Koehler was Dr. Odencrantz' initial assignment during his early days at China Lake.

His contributions to the Naval Ordnance

Test Station's (forerunner to NWC) program of measuring the light from the night sky and interpreting the observations thereof in terms of chemical reactions in the high atmosphere, found application in recognizing that the detonation of atomic bombs anywhere in the world were detectable by a previously unexpected impulse in the illumination of the sky.

Later, while engaged in optical work leading to his doctoral degree, he initiated the work of the Research Department's Physics Division in the preparation of thin films evaporated upon precisely polished surfaces. In addition, he designed and built most of the apparatus used by the Physics Division in the early days of that program.

#### Worked on Weather Modification

In recent years, Dr. Odencrantz concentrated upon aspects of physical chemistry and nucleation physics that were essential to the development of the weather modification effort that flourished at NWC for a number of years, and which found application in the Vietnam War and in drought relief efforts the world over.

He developed techniques for capturing and measuring ice crystals and making duplicates of the crystals for study by electronic microscopes. This led to an understanding of the processes of diffusional growth and evaporation of water drops and ice crystals.

The apparatus that Dr. Odencrantz developed is still in use locally in the evaluation of screening smokes and obscuring agents. In addition, as by-products of this work, he was able to solve a Fleet

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Center and focused in as well on the many contributions made by RAdm. Harris during his 33 years on active duty as a Navy officer.

"While this is not my first visit to this historic Naval Weapons Center, this is my first opportunity to state in public my high regard for this activity and the outstanding personnel who work and live here," the CNM stated at the outset of talk during the change of command ceremony.

The major test facilities operated by NWC remain a vital portion of the U.S. Navy's arsenal for national defense, the guest speaker noted, as he pointed out that NWC provides both the personnel and physical resources to manage and conduct complete weapon development — from concept formulation through the lifetime of a

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NEW SKIPPER — Brief but stirring remarks by Capt. Haff preceded the benediction which brought the change of command ceremony to a close.

## Capt. Haff presents stirring talk during change of command ceremony

(Editor's note: Passing of the NWC Command from Rear Admiral William L. Harris to Capt. William B. Haff, who is the 21st naval officer to hold this weighty responsibility, prompted the following remarks by Capt. Haff during last Friday's change of command ceremony.)

Change of command! Sooner or later it involves everyone affiliated with military life. The passing of the mantle of responsibility and authority — an act which will always remain as one of the most honored traditions of all the military services. It is generally conducted in open view — for all to see and witness as the accountability is passed from one individual to the shoulders of another.

Such has been conducted here this morning and as I acknowledge having relieved RAdm. William L. Harris as Commander of this Center, I also openly acknowledge that I have certainly not replaced him. He stands as an entity in himself and as such can never be replaced. A lifelong naval career of dedication and service molds and develops an individual into a unique national asset. Such an asset is priceless and should be wisely utilized somewhere within our great nation. Personally, it is a distinct honor and privilege to follow the footsteps of RAdm. Harris, who has carved out such a unique and enviable career.

As I step forward to guide this Center to excellence, I most sincerely request the support of each and every one of you, man and woman, military and civilian, alike. A chain is no stronger than its weakest link and each of us is a very vital link in a very vital chain. The Center has rightfully earned and long enjoyed a reputation for excellence and this is a direct reflection of those human efforts exerted by its people. I am extremely confident that you will continue to build a brilliant future on top of what has already been a glorious past — and I further hope that I will be a most positive influence on your efforts which are so important to our nation's defense.

When I ask for more than you have already given, when I urge you to try again, be assured that it is only because I appreciate the real potential of this Center. So reach for the outer limit and accept nothing less. This is your Center, your Navy, your country, and if it is to be, your free world.

# Leroy O'Laughlin assumes duties of head of Fire Division at NWC

Leroy O. O'Laughlin was officially designated as the Naval Weapons Center's new fire chief on Friday, June 29, replacing Richard E. Rightmer who retired in May and has moved to Hemet, Calif.

O'Laughlin became NWC's deputy fire chief in April 1978 when Bill Pahl retired from that position.

In 1969, O'Laughlin began his career at China Lake as a fire fighter and has worked his way up through the ranks to his present position as the number one man in the Center's Fire Division.

From fire fighter, he became a driver-operator, then a crew chief. Next came his promotion to captain. In 1976, he was named an assistant fire chief and was placed in charge of section one.

As fire chief, O'Laughlin is responsible for providing emergency medical assistance and fire protection to China Lake. He is also responsible for the operation of three fire stations and related equipment including four structural truck companies, two crash trucks, six ambulances, and one rescue truck. These are operated by 85 personnel who include fire fighters, ambulance drivers and officers.

Additionally, the Fire Division has been tasked by the Naval Material Command, Navy Research Laboratory and the Naval Facilities Engineering Command, all in Washington, D.C., to provide technical assistance in designing and improving fire fighting vehicles and equipment.

O'Laughlin, a native of Ottumwa, Iowa, was a member of the Naval Ordnance Test Station crash crew from 1962 to 1965 while



Leroy O. O'Laughlin

he was on duty here as a naval aviation boatswain's mate. He is a graduate of Aviation Boatswain's Mate "A" school.

He and his wife, Georgie, and their children, Tammy, and Lee, Jr., live in Ridgecrest.

## Contract awarded for pest, weed control work

The Public Works Department announced this week that the pest and weed control contract has been awarded to Rutherford Maintenance Co.

Tenants with pest control problems are advised to call 446-2819 for service.

# 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 992, Ext. 2667. 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 996 or 997). 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-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

**Supervisory Supply Technician, GS-2025-7, PD No. 7925029, Code 25752** — This position is head, Receipt Processing Section, Receipt Control Branch, Contract Division, Supply Department. The incumbent is responsible for supervising and directing the work of the section which involves establishing and controlling the "purchase contract" open order file, matching receipt paperwork and certifying receipts, determining and controlling inspection requirements, controlling technical inspections, controlling the NWC Master Procurement File and maintaining the delivery suspense file. **Job Relevant Criteria:** Ability or potential to supervise an organization; knowledge of supply functions and procedures; technical knowledge of purchase, voucher examining and receipt control methods and regulations; ability to meet and deal effectively with others.

**Purchasing Agent, GS-1185-5, PD No. 7925011, Code 2322** — 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 to GS-6.

**File applications for the above with Susie Cross, Bldg. 34, Rm. 210, Ph. 2271.**

**Administrative Officer, GS-341-31, PD No. 7931117, Code 3105** — This position serves as administrative officer to the A-6E and A-7E program offices located in the Systems Development Department. Incumbent also provides administrative support to the A-7D program. Code 91. Major duties involve the initiation and implementation of work methods and techniques to meet the wide variety of program requirements in the areas of management, budget, program planning, personnel, and contracts. **Job Relevant Criteria:** Knowledge of administrative policies and procedures of NAVAIR and NAVWPNCEN regarding technical program planning; knowledge of management analysis techniques and procedures; knowledge of personnel policies and procedures; knowledge of funding allocations and budgetary systems as they relate to major programs and sponsor requirements.

**Clerk-Typist, GS-322-3/4, PD No. 7931115, Code 3141** — This position is located in the Guidance and Navigation Systems Branch, Avionics Division, Systems Development Department. The incumbent performs clerical and typing duties to support the work of the branch such as typing technical notes and reports, correspondence, travel orders and statistical tables. The incumbent receives incoming phone calls and visitors, receives and distributes incoming mail, and arranges for travel. The incumbent also maintains branch files and performs custody control functions for the branch. **Job Relevant Criteria:** Knowledge of NWC and Navy correspondence procedures and instructions; ability to communicate effectively in writing; ability to type.

**Engineering Data Management Specialist, GS-301-5/7, PD No. 7931091, Code 3144** — This position is in the Aircraft Weapon Control Systems Branch, Avionics Division, Systems Development Department. The incumbent provides data management and configuration management services in the area of tactical software to the Avionics Division and projects supported by the division. The incumbent assists projects in generating, updating, and issuing technical and management data such as plans, budgets, contract packages, and engineering data. The incumbent assists projects in the configuration management of tactical aircraft software and system support facilities. The incumbent is responsible for maintaining and operating information systems to be used by tactical avionics projects. This involves computerized bibliographic data bases and repositories of data on operational avionics systems and advanced technology. **Job Relevant Criteria:** Ability to communicate effectively orally and in writing; ability to deal effectively with a variety of personnel; knowledge of engineering, documentation control procedures. Promotion potential to GS-9. Promotion potential is subject to development of progressively higher level duties. Supplemental qualifications statement is required.

**Interdisciplinary, GS-9/11/12, PD No. 7931116, Code 3193** — This position is interdisciplinary in the following fields: Computer Specialist, GS-334, Physicist, GS-1310, Mathematician, GS-1520. The incumbent performs detailed mathematical analyses on various A-4M subsystems in order to model these systems on a simulation host computer. The incumbent designs and develops these mathematical models to run in real time. The incumbent will retain cognizance of and maintenance responsibility for mathematical representations of avionics equipment and environment which he designs. The incumbent is responsible for maintaining an up-to-date knowledge of digital hardware and software developments and techniques. **Job Relevant Criteria:** Knowledge of FORTRAN; knowledge of mathematical modeling techniques; knowledge of airborne weapons systems and avionics.

**Clerk-Typist, GS-322-4, PD No. 7245136, Code 3246** — This position is in the Air Breathing Propulsion Branch, Advanced Technology Division, Ordnance Systems Department. The incumbent will type technical notes and reports, forms, correspondence, interoffice memorandum, etc.; receives telephone and office callers; receives and distributes branch mail; maintains supervisor's calendar; makes travel arrangements etc. Establishes and maintains files. **Job Relevant Criteria:** Ability to type efficiently and accurately; reliability and dependability; ability to meet deadlines under pressure; ability to maintain files; telephone answering skills.

**File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.**

**Sheetmetal Mechanic, WG-3806-10, JD No. 225, Code 34471** — (2 vacancies) This position is located in the Engineering Prototype Division, Engineering Department. Incumbent fabricates missiles, rocket motors, rocket sleds, electronic chassis, panels, cabinets and parts requiring the application of the full knowledge of the sheetmetal trade. Work is done to close tolerances. The work includes shaping, cutting and assembly. **Job Relevant Criteria:** Ability to operate stationary metalworking equipment; ability to follow instructions, specifications, etc. (includes blueprints); ability to perform layout and pattern development from blueprints, drawings and sketches; ability to use hand and power tools; knowledge of metals used in the trades; ability to do the work of the position without more than normal supervision. Promotion potential to WG-11. Supplemental qualifications statements are required and can be picked up in the Personnel Bldg., Rm. 206. Applications will be accepted from both NWC employees and status eligibles.

**Equipment Specialist (Missile), GS-1670-12, PD No. 7924941-E, Code 3441** — This position is located in the Fleet Readiness Branch, Fleet Engineering Division, Engineering Department. The incumbent is responsible for providing expert advice/assistance to equipment users, development/design groups, and production engineering groups on weapon system operating, maintenance, handling, and testing characteristics and requirements. This advice/assistance is provided for a major system (such as Sidewinder, Harpoon, or Shrike) or a variety of different categories of support equipment. **Job Relevant Criteria:** Broad background in air launched missile systems used in Fleet; working knowledge of test equipment, aircraft weapon installations, weapons system components, manuals and associated equipment; ability to make effective oral and written presentations. A specific knowledge of the Sidewinder/Weapons System is desirable.

**Mechanical Engineer, GS-800-11/12, PD No. 7936082-E, Code 2442** — This position is located in the Engineering Support Branch, Fleet Engineering Division, Engineering Department. The incumbent will be responsible for engineering support of mechanical guided missile components currently in production and Fleet service. Performs engineering evaluation of proposed design changes to missile system hardware and conducts tests, evaluations, failure analyses and studies on defective hardware returned from the Fleet to determine failure procedures and/or production design changes needed to correct hardware deficiencies. He is responsible for the design and development of product improvements to missile system components. The incumbent plans and performs engineering tests to determine effect of the design changes on missile system components. The incumbent is responsible for the coordination of guided missile component production data packages with contractors and with maintaining technical liaison with contractors currently producing missile components. **Job Relevant Criteria:** The incumbent is to design mechanical components; knowledge of mechanical production processes and techniques; Navy RTD&E procedures, ordnance and missile test and qualification procedures; missile system acquisition procedures and the management of a production data package. The incumbent must be willing and capable of performing explosive handling operations. Promotion potential to GS-12. Previous applicants need not reapply.

**File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2225.**

**File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2225.**



## DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1000  
Sunday School—All Ages 0845  
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 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

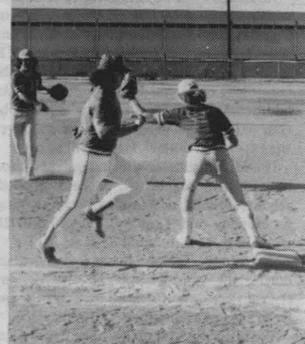
# Intramural Softball League results . . .

(Continued from Page 6)

innings of play, but then exploded for 7 more runs in the top of the sixth and shut out the Charlie Browns in the last of the sixth to win this game by a final score of 21-11.

The Merchants were led at the plate by Anna Lipinski, who batted 1000 — getting 4 hits (all singles) in 4 times at bat. Also for the Merchants, Line Scanlan (4 for 5) had a home run, 2 triples and a single; Pat Brightwell (3 for 5) had 2 triples and a single; and doubles were hit by Laura Reymore and Kim Fletcher.

Long ball hitters for the Charlie Browns were Marian Pizano, who had 2 triples and a



**OUT AT FIRST** — Greg Ricketts, short stop for the Raiders, was a couple of steps short of beating out this ground ball that was fielded by Mark Stevens, second baseman for Sports Etc. The latter flipped the ball quickly to Wayne Wooten, the Sports Etc. team's first baseman, for the put out.

double in 4 times at bat; and Sandy Waters, with a triple and double in 3 trips to the plate.

In their game against CSC, the Merchants allowed their opponents just one run each in the first and fifth innings, while converting a 13-hit attack into 16 runs for an easy win. In this abbreviated 5-inning contest, the Merchants tallied 6 runs in the first, 5 more

## Swim meet . . .

(Continued from Page 6)

individual medley race. In this latter event, entrants swim four lengths of the pool using one of four different strokes (butterfly, backstroke, breaststroke and freestyle) on each lap.

Next competition for the members of the IWW swim team is scheduled tomorrow at Shafter where the China Lakers will be one of 12 teams from throughout Kern County entered in the Shafter Invitational Swim Meet.

On the following Saturday, July 14, the Pinney Pool in Ridgecrest will be the setting for competition that will determine the best swimmers in each age group and style of swimming from the IWW and High Desert swim teams. Chosen on that day will be the top two swimmers in each event, who will earn the right to take part in the Kern County championship meet on July 28, also at Shafter.

## Rec. Roundup . . .

(Continued from Page 6)

the second annual Norton Air Force Base invitational men's slow pitch softball tournament, which is to be held on July 20, 21 and 22 at Encanto Park in San Bernardino.

The tournament will be limited to 16 teams and there is an entry fee of \$80 per team. Additional information can be obtained from Bob Kundinger by calling NWC Ext. 2334 or 2571.

**Men's Slow-Pitch Tourney**  
A men's slow-pitch softball team double elimination tournament will be held July 27, 28 and 29 at China Lake.

The entry list will be limited to 16 teams, and the deadline to submit team rosters to the NWC gym office is Monday, July 23. For further information, interested persons should contact the NWC gym office by calling NWC Ext. 2334 or 2571.

in the second, 2 runs each in the third and fourth innings, and a final run in the fifth. Jo Maschoff, who came on to pitch for the Merchants in the third inning, banded out a double and triple in two times at bat. Pat Brightwell also hit a triple and Laura Reymore doubled for the victorious Merchants.

Mary Sue's played two games last week — posting a 17-10 win over CSC and losing to Pizza Villa by a score of 15-6.

In the Mary Sue's vs. CSC game, the score was tied at 10-10 after 5½ innings of play, but that picture changed abruptly in the last half of the sixth when the players for Mary Sue's chalked up 7 runs and then blanked the CSC nine in the top of the seventh to win by a final margin of 17-10.

Extra base hitters in this game were (for Mary Sue's) Margie Haleman and Gina Wright, with a triple and a double, respectively, while CSC was led at the plate by Laurie Killilea (a triple) and Midge Hiatt (who doubled).

**Pizza Villa Downs Mary Sue's**  
In their game against Pizza Villa, the Mary Sue's were no match for the division's second place team, which rolled up a lead of 11-1 after 2½ innings of play by scoring 3 runs each in the first and second innings, and 5 more in the third.

Although Mary Sue's battled back scoring 5 runs in the last half of the third to go with a single run in the first inning, it was too little, too late. The Pizza Villa squad crossed the plate 4 more times in the fourth inning to win, going away, by a final score of 15-6 in a game that was cut short at the end of five innings because of the time limit rule.

An inside-the-park home run by Tanya Lack for Pizza Villa was the only extra base hit in this game.

Scores of games played last week in the Men's Slow Pitch Division were as follows:

Pizza Villa 8, CMCI 4; Cobras 11, NWC O's 5; Time Outs 15, Knights 3; ARCS 14, CSC 4; Blacksheep 20, Sun Devils 7; Hooters 15, Black Jacks 5; Cobras 15, Black Jacks 1; Knights 12, James Gang 11; Pizza Villa 16, Bird Olds 5; Black Sheep 15, Hooters 5; Homestead 10, Time Out 7; and Marauders 26, NWC O's 15.

China Lake Intramural Softball League		
Standings as of June 29:		
Team	Won	Lost
<b>Men's Fast Pitch Div.</b>		
Raiders	13	1
Sports Etc.	6 1/2	7 1/2
Fuller Masonry	6 1/2	7 1/2
Nelson Auto	2	12
<b>Women's Fast Pitch Div.</b>		
Ridgecrest Merchants	9	0
Pizza Villa	7	2
Flower Shop	5	3
Mary Sue's	4	6
CSC	2	6
Charlie Browns	1	7
Comarco (dropped out)	0	4
<b>Slow Pitch (American)</b>		
Homestead	11	0
Knights	11	2
Blacksheep	7	5
ARCS	6	5
CMCI	4	8
Bird Olds	2	11
Black Jacks	2	11 1/2
NWC O's	1	11 1/2
<b>Slow Pitch (National)</b>		
Time Out	12	1
James Gang	10	3
Pizza Villa	9 1/2	2 1/2
Cobras	7	6
Hooters	4 1/2	7 1/2
Marauders	4	8
CSC	4	8
Sun Devils	3 1/2	8 1/2

## Billets open in Naval Air Reserve unit here

Openings currently exist for both officers and enlisted personnel interested in becoming members of Naval Air Reserve Support Unit 0176, which holds its drills on the first weekend of each month.

NAVAIR NWC Support Unit 0176 meets on the second deck of Hangar 3 at Armitage Airfield.

Men and women interested in obtaining more information on the billets that are available in this Naval Air Reserve unit should call PO2 Harriet Parcher tomorrow or Sunday at NWC Ext. 5462 or 5464.



**JOB WELL DONE** — Air Force Reserve Maj. James E. Serpanos (center), a mechanical engineer in Code 3242, recently received a certificate of appreciation in recognition of the outstanding manner his reserve squadron performed while on 2-weeks active duty at Robins Air Force Base in Georgia. Serpanos is the commander of the 445th Civil Engineering Squadron at Norton AFB in San Bernardino, Calif. Presenting the award is Maj. Gen. Edward Dillon, (left), Air Force Reserve vice commander, while Chief Master Sgt. Edward L. Severns, squadron non-commissioned officer-in-charge, looks on. — U.S. Air Force Photo

# Centerite cited for leadership of Air Force Reserve squadron

Reserve Air Force Major James E. Serpanos recently received a certificate of appreciation for various construction and renovation projects that the Norton Air Force Base (AFB), San Bernardino, Calif., engineers completed at Robins AFB in Georgia during a recent two-week tour of active duty for training.

Maj. Serpanos is a mechanical engineer in the Signal Structures Branch of the NWC Ordnance Systems Department's Advanced Technology Division.

He is also the commander of the 445th Civil Engineering Squadron (CES), a U.S. Air Force Reserve squadron which meets monthly at Norton AFB. The squadron is composed of about 60 personnel and is a specialized team of engineers and tradesmen who provide emergency or

combat support. The 445th CES is capable of deploying within 28 hours of a mobilization order. It performs rapid runway repair, bomb damage repair and firefighting as its primary mission.

The squadron's two weeks of active duty training was performed this year at Robin AFB. The crew constructed four concrete foundations for ammunition storage buildings, remodeled several offices and other tasks at the Georgia AFB in cooperation with the base civil engineering office.

Since 1971, this group of Air Force Reservists has been involved in summer active duty training at such far away places as Japan, Hawaii, Alaska and Florida.

Maj. Serpanos reports that the unit is scheduled to go to Greece for its next two week tour of active duty in August 1980. At this time, additional members are needed to bring the unit to full strength.

Anyone interested in further information on the 445th CES is asked to contact Serpanos by calling NWC Ext. 3340.

# Past president of ASPA to speak at dinner here July 12

Dwight Ink, who is immediate past national president of the American Society for Public Administration (ASPA), will be the featured speaker at the annual dinner meeting of the East Kern Chapter of ASPA on Thursday, July 12, in the Commissioned Officers' Mess. Ink will speak on "The Public Administrator and the National Agenda."

The meeting, which is open to the public, will also feature presentation of the Bjorklund Award for Management Innovation, and the introduction of newly elected ASPA officers and Council members.

Ink's distinguished career has included being assistant general manager of the Atomic Energy Commission; Assistant Secretary of Health, Education and Welfare; Assistant Director of the Office of Management and Budget; Acting Administrator of the GSA; and Chairman of the White House Task Force on Education. He is currently directing American University's Continuing Education and Research Program.

Recognition of his contributions as a distinguished public servant include the Arthur Flemming Award and the National Civil Service League Award, among other honors granted him.

A social hour at 6 p.m. will precede dinner at 7, with the program to follow at approximately 8 o'clock. Dinner reservations, due by noon on Wednesday, July 11, can be made by calling Steve Kaupp, at NWC Ext. 2892; George Linstead, NWC Ext. 2305; or Fred Nathan, Ext. 3871.

Dinner tickets are priced at \$7 each.

# High fiber diet club to begin meetings at Community Center

A high fiber diet club under the leadership of Paul Burkett, a mechanical engineer in Code 3351, will begin meeting at the Community Center on Fridays at 7:30 starting tonight.

Burkett became interested in high fiber diet about five years ago when he weighed about 265 lb. He claims that losing weight by speeding up the foods transit time to an average of 27 hours is the easiest and most efficient way to lose weight and keep it off.

Burkett says the high fiber diet requires at least eight, 8 oz., glasses of water or other liquids every day to help speed up food transit time. In the last eight months, he reports a weight loss of 60 lb., and has maintained that loss without any major change in his regular diet.

The cost of attending weekly sessions of the high fiber diet club is \$5 per session.

# AFGE Local 1781 slates next meeting Mon. night

The American Federation of Government Employees, Local 1781, will hold its next regular monthly meeting on Monday, starting 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 and Security Operations Division, Safety and Security Department.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California  
Captain W. B. Haff  
NWC Commander  
R. M. Hillyer  
Technical Director  
Dr. Robert H. Pearson

**DEADLINES**  
Tuesday, 4:30 p.m.  
Tuesday, 11:30 a.m.

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**Head**  
Technical Information Department  
Don R. Yockey  
Editor

**Ernest Sutton**  
Associate Editor

**Beverly Becksvort**  
Editorial Assistant

**Ron Allen**  
Staff Photographer



Recreation Roundup

Military personnel tennis tournaments slated during July

Tournament tennis competition is in the spotlight for the remainder of this month within the 11th Naval District, with no less than four events scheduled.

Of prime local interest is the 11th ND (Northern Area) tourney that will be held at China Lake during the week of July 23-27. Coming here to compete against a team that will represent NWC will be netters from Port Huene and Point Mugu.

Final selection is yet to be made of military personnel who will play for NWC in this event. Those interested in taking part are reminded to contact Bob Kundinger, assistant athletic director, no later than tomorrow by calling NWC Ext. 2334 or 2571.

The top four singles players and two doubles teams will be chosen to represent NWC.

Other Tennis Tourneys

The 11th Naval District (South) 1979 Regional men's championship tournament for junior veterans (male military personnel 35 through 44 years of age) and seniors (male military personnel 45 years of age and over) will be held July 30 through Aug. 3 at the Naval Training Center in San Diego.

Also during the week of July 30 through Aug. 3, the 11th Naval District (South) Regional women's tennis championship tourney is scheduled.

China Lake military personnel interested in competing in any of these events should contact Bob Kundinger by calling NWC Ext. 2334 or 2571.

Women's Softball Tourney

The entry deadline is next Thursday, July 12, for a women's round robin slow pitch softball tournament that will be played here on July 20, 21 and 22.

This tournament, sponsored by the Special Services Division and the Hi-Desert Umpires Association, is limited to 12 teams. Registration is being handled at the NWC gym office.

Softball Tourney at Norton AFB

Team roster forms and entry forms are available at the NWC gymnasium office for (Continued on Page 7)

Intercity Little League championship game set Monday

The Yankees, champions of the China Lake Little League's Major Division for the third year in a row, will tangle with the Ridgecrest Dodgers on Monday night in a game that will decide the intercity Little League baseball championship.

Opening ceremonies for the intercity title game will get underway at 7 p.m. at China Lake Little League diamond No. 4.

The China Lake Yankees, coached by Earle Roby, have an undefeated record of 16 straight wins — a feat which they also duplicated last year.

The Yankees also are the defending intercity champs, since they polished off the Ridgecrest Dodgers 7-0 in the 1978 game.

The Yankees are led by Steve Vie and Jamie Johnsen, a pair of undefeated pitchers with 8-0 and 7-0 records, respectively. In addition both Vie and Johnsen are the team's long ball hitters.

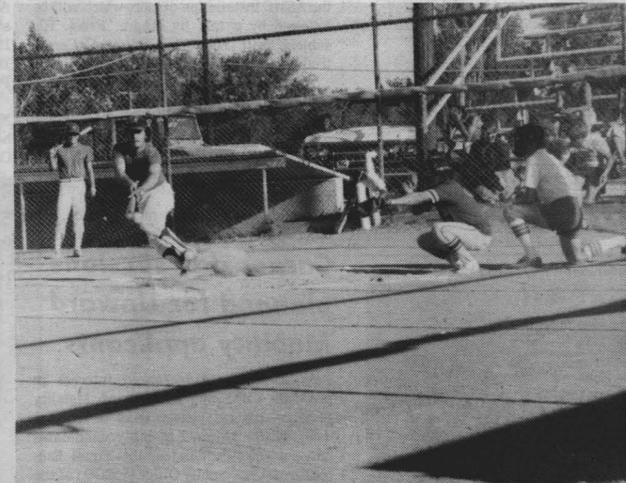
Other standout players on the Yankees are Brian Wood, short stop, outfielder and pitcher, and Danny Miller, who is the team's starting catcher.

Raiders boost men's fast pitch div. lead to 6 1/2 games

The Raiders, who have clinched the title in the Men's Fast Pitch Division of the China Lake Intramural Softball League, last week extended their first place lead to 6 1/2 games over their nearest rivals as a result of a 12-8 win over the Sports Etc. team.

The Raiders, winners of 13 out of 14 league games trailed by a score of 6-5 after four innings of play but, on the strength of a 5-run rally in the fifth coupled with two more tallies in the sixth, won the game by the final score of 12-8.

Four singles — one each by Marty and



BUNT ATTEMPT FAILS — Bob Beecroft, catcher and one of the leading hitters for the Raiders, muffed this attempt to get on base by bunting in last week's game between the Raiders and Sports Etc. Behind the plate are Danny McCrumb, catcher for Sports Etc., and Bill Sizemore, the umpire. Randy Radcliff of the Raiders is waiting in the "on deck" circle for his turn at bat. The Raiders won the game by a score of 12-8. —Photo by PH2 Tony Garcia

Mike Stoner, Al Alvarado and Randy Radcliff — got the division leaders off to a 3-run lead in their first time at bat.

Drew Martin, left fielder for Sports Etc., doubled and scored on a hit by Stan Spurgeon which reduced the Raiders' lead to 3-1 after one full inning of play. Next, Sports Etc. took a temporary lead of 4-3 by converting a walk to Mark Stevens and singles by Wayne Wooten and Frank Mayer into 3 runs in the bottom of the second inning.

Both teams succeeded in scoring one run each in both the third and fourth innings.

This made the score 6-5 in favor of Sports Etc. when the Raiders came to bat in the top half of the fifth inning.

Back-to-back doubles by Mike Stoner, a single by Bob Beecroft and fielding errors that permitted Radcliff and Dave Cane to get on base were the turning point in the game, as the Raiders scored 5 runs and regained the lead, 10-6.

A home run by Mike Stoner with a teammate on base in the sixth inning accounted for the Raiders' final two runs of the game. Stoner's hit cleared the centerfield fence at Reardon Field.

The Sports Etc. team went down fighting, however — scoring twice in its last time at bat on a double by Stan Spurgeon, successive walks to Cliff Paine and Mark Stevens, two stolen bases and a wild pitch.

Nelson Auto Edged, 3-2

In the only other game played last week in the Men's Fast Pitch Division, Fuller Masonry edged Nelson Auto, 3-2.

In this low scoring contest, Fuller Masonry tallied the first run in the bottom of the second inning. Three hits — all singles — by Donald Connell, Richard Clodt and Tom Fuller, combined with a walk issued to John Smith, produced the first score of the game.

Bob Pearl, of the Nelson Auto team, wiped out Fuller Masonry's 1-run lead with a second inning home run with a man on base but, still in the second inning, the score was tied 2-2 when Dick Phillips singled to drive in Bud Harbin of Fuller Masonry. The latter had drawn a walk to get on base.

What turned out to be the game-winning run was tallied by Warren Turnbaugh for Fuller Masonry in the fifth inning. Turnbaugh was issued a walk and scored on a 2-base blow off the bat of Donald Connell.

Richard Clodt, winning pitcher for Fuller Masonry, gave up just three hits in the seven inning contest against Nelson Auto.

Merchants Win 2 More

The Ridgecrest Merchants held off any threat to their first place position in the Women's Fast Pitch Division of the Intramural Softball League by winning two games last week.

In a pair of contests that were cut short of the regulation 7 innings of play due to the 10-run lead rule, the Merchants defeated the Charlie Browns 21-11 and CSC 16-2.

After giving up 10 runs to the Merchants in the first inning, and 2 more in the top half of the second, the Charlie Browns made their presence on the field felt by battling back to score 11 runs — 3 each in the second, third and fifth innings and 2 in the fourth.

The Merchants, who had countered with 2 runs in the fourth, had a 14-11 lead after five (Continued on Page 7)

Nearly 250 youths from IWV, High Desert, Bishop teams compete in 3-way swim meet

Nearly 250 youngsters ranging from 4 through 18 years of age competed in a three-way swim meet last Saturday at the John Pinney Memorial Pool in Ridgecrest.

According to Elaine Mikkelsen, coach of the Indian Wells Valley swim team which trains at China Lake, this event was a practice affair for the purpose of giving each of the entrants added experience in swimming competition, and no score was kept.

Had a score been kept, however, the High Desert swim team from Ridgecrest would have been the winner, with the IWV team second, and the visitors from Bishop in third place.

The Bishop team, while fewer in number than both local squads, offered the local swimmers some tough competition in the events for those who were entered in the older age brackets, Coach Mikkelsen said.

Because this was a practice meet, a number of the swimmers on the IWV team were tried out in events in which they normally are not entered, the coach added. Noteworthy achievements logged by individual members of the IWV swim team, were:

Swimmers 6 years of age and under — Carrie Swinford lopped 10 sec. off her previous best time in the 25 yd. freestyle race; John Fussner and Tracy Smith both competed in the butterfly stroke race for the first time, and Fussner vied for the first time in the breaststroke. In addition, Craig Malik improved on his time in the 25 yd. freestyle event.

Swimmers 9 and 10 years of age — In just their second swim meet, Rayona King and Courtney Harrison displayed promise for their future by their performances in the freestyle, backstroke and breaststroke races. Mara O'Brien, who wasn't feeling well, showed good team spirit by attending the meet anyway in order to swim a lap in the relay race.

Swimmers 11 and 12 years of age — Kristi Lish and Chrissy Stout made their coaches

happy by their efforts in the breaststroke and freestyle races, respectively.

Swimmers 13 and 14 years of age — Ken Burt, who has done an outstanding job in the last few weeks, won the butterfly stroke race against tough competition, and improved on his previous efforts in the freestyle race.

Swimmers 15 through 18 years of age — Margaret Archuleta, an all-around strong swimmer for the IWV team, won the butterfly stroke race and placed second in the (Continued on Page 7)



SOCCER PROGRAM DIRECTOR HONORED — In recognition of his efforts as director of the youth soccer program at China Lake since 1975, a Special Services Division plaque was presented recently to Karl Kauffman by Capt. F. H. M. Kinley, NWC Vice Commander. The spring program of youth soccer grew to an all-time high participation of 225 youngsters this year. Kauffman, a research chemist in the Engineering Department's Materials Engineering branch, also has been a prime mover in the China Lake Soccer Club for adults. His efforts, in addition to coaching youth teams and playing for the adult squad, have included making arrangements for soccer clinics held here that have been taught by professional soccer players, and scheduling trips to professional soccer games played in the Los Angeles area. —Photo by PH2 Tony Garcia



RECEIVES NWC PLAQUE — RAdm. William L. Harris, NWC Commander, presents a Naval Weapons Center plaque to Mitzi M. Wertheim, Deputy Undersecretary of the Navy, during her visit here last week. Ms. Wertheim visited NWC to obtain firsthand information on the Coso geothermal area. In addition, she received briefings on facilities, toured NWC ranges by helicopter, and was taken on a ground tour of the Coso geothermal area.

Deputy Undersecretary of Navy visits Coso geothermal area

Mitzi M. Wertheim, Deputy Undersecretary of the Navy, visited the Naval Weapons Center last week to obtain firsthand information on the Coso geothermal area during a tour of West Coast naval facilities.

Ms. Wertheim attended briefings and toured facilities by helicopter during her one-day visit here.

Among those briefing her were Capt. F. H. M. Kinley, NWC Vice Commander; W. R. Hattabaugh, head of the Test and Evaluation Directorate; Dr. Carl Austin, head of the Geothermal Utilization Division in NWC's Public Works Department; Dr. Russell Reed, research chemist in the Aerothermochemistry Division of NWC's Research Department; and Tilly C. Barling, head of NWC's Natural Resources Management Office.

During her helicopter flyover, Ms. Wertheim viewed the G-Range launch area, pilot plants, Trona Gap, sea site and main site at Echo Range, Panamint Valley, Searles Lake, Skytop, Wild Horse Mesa, Coles Flat, the Coso Military Target Range, Coso geothermal area, Airport Lake, Baker and Charlie Ranges, and the SNORT Range. The helicopter landed at the old Coso Hot Springs resort area where Ms. Wertheim was accompanied on a ground tour of the National Register Site and the Coso Geothermal Exploratory Hole No. 1. Ms. Barling briefed her on the National Register Site, while Dr. Austin discussed the Department of Energy geothermal well test program.

Navy helicopter used to transport accident victims

A helicopter from the Naval Weapons Center airlifted two women seriously injured in a one-car automobile accident near the Grumpy Bear Store at Kennedy Meadows to the Ridgecrest Community Hospital last Sunday evening.

After receiving a call for assistance from the Kern County Office of the Bureau of Land Management, a UH1-N helicopter, piloted by LCdr. Dale E. Haan, head of the NWC Aircraft Department's Base Operations Division, was dispatched at 5:05 p.m. from Armitage Airfield.

LCdr. Haan said that it was an easy flight to the accident scene, where he and his crew picked up Erika Daley and Sandra Cole. Miss Daley was suffering from a possible skull fracture while Miss Cole had lacerations and possible internal injuries.

The women were taken by helicopter to the Ridgecrest Community Hospital, arriving there at about 5:55 p.m.

A witness at the scene of the accident believed that the vehicle the women were riding in had hit a sandy patch on the pavement, which caused the driver to lose control. The automobile reportedly rolled over several times.

Aboard the helicopter with LCdr. Haan were Lt. Denny Wilcox, co-pilot; AD2 Izzy Morales, first crewman; PR3 Bob Alexander, second crewman; and HN Vince Hall, corpsman.

As energy conservation measure, time clocks installed on evaporative coolers

An experiment in energy conservation is under way in the Public Works Department complex involving zone cooling and installation of time clocks so that evaporative coolers (EC units) cool only the areas in which people are working and then only during working hours.

The proposal for both of these con-

servation measures was made by Jim Williams, head of the Maintenance and Utilities Division of the Public Works Department. Jim Morse, head of the Electrical and HVAC Branch, supervised the installation, and Tom Lystrup and Bill Burum did the actual work of installing the equipment.

Demand controllers have been installed on the EC units in three of the Public Works Department buildings: the mechanical shop, the electrical shop, and the PW office (Building 981). By use of demand controllers, the EC units cool only the areas in which someone is actually working; unnecessary units can be switched off.

Time clocks installed on the units function on a 7-day basis so that not only do they turn off EC units at night, but also on the weekends.

While EC units use only a tenth the amount of electricity that air conditioning units use, the quantity of EC units on the Center is sufficient to add considerably to the total amount of electricity needed each day.

When adequate data on energy conserved by turning off the unneeded EC units can be compiled, a decision will be made about the value of installing time clocks on other EC units throughout the Center.



SETTING THE CLOCK — Bill Burum and Tom Lystrup install a time clock to control the evaporative coolers for one of the work areas in Building 981. The men have installed time clocks in three Public Works complex buildings and have also installed demand switches so that coolers can be turned off in areas in which no one is working.

Repair work on vehicles damaged by paint continues

For one more week, July 9 through 13, owners of vehicles that were damaged during painting operations last April 30 at Schoeffel Field will have the opportunity to have such damage repaired.

The work is being handled by the Taylor System, agent for the Schoeffel Field painting contractor's insurance company.

All vehicles damaged by paint overspray will be handled during the coming week, regardless of their vehicle license number. The overspray is to be removed from paint, glass and chrome by experts who reportedly do this kind of work throughout the United States and in Canada.

Inspection and repair of vehicles will be conducted at 8 a.m. each day in Building No. 01188.

Owners should drive their damaged vehicles to the intersection of Bullard Rd. and Byrnes St. and turn into the Public Works Department compound. Signs are posted directing traffic to Building 01188, which is located at the rear of the PW transportation compound.



CONGRATULATIONS EXTENDED — Among a number of his final official acts as Commander of the Naval Weapons Center, Rear Admiral William L. Harris presented a Navy Meritorious Civilian Service Award last week to Dr. F. Kirk Odencrantz. On June 30, the latter concluded 30 year Civil Service career during which he made valuable contributions as a research physicist to NWC, the Navy and the nation. —Photo by PH2 Tony Garcia

### Ceremony . . .

(Continued from Page 1)

weapon system. Adm. Whittle then reviewed the lengthy career of RAdm. Harris, noting that the departing NWC Commander has been a naval aviator, a combat pilot afloat, a maintenance and operations officer for an attack squadron, an aviation project officer, and, in 1963 Admiral Harris formed and commanded Attack Squadron 75, the first operational Fleet squadron of the A-6 Intruder aircraft.

Major naval commands held by RAdm. Harris included the USS Alamo, an amphibious assault ship, and the USS Midway during combat off Vietnam. Since promotion to flag rank in 1972, RAdm. Harris was Commander of Carrier Group Seven aboard both the aircraft carriers Enterprise and Midway, and Carrier Group Five aboard the aircraft carriers Coral Sea, Oriskany, Kitty Hawk, Ranger, and Enterprise.

#### Came Here From Washington

Prior to assuming command of the Naval Weapons Center on Sept. 12, 1977, RAdm. Harris served as Assistant Commander for Test and Evaluation, Naval Air Systems Command, Washington, D.C.

Summarizing the many accomplishments of RAdm. Harris while at China Lake, Admiral Whittle observed that the former NWC Commander "is noted as a forward thinker in matters of naval air weaponry. "In all his endeavors," the CNM said, "he has helped smooth the often rocky transition road from present to future weapons. His contributions to air weapon system acquisition have been felt most notably by the Harpoon and AIM-9L programs, as well as the Supersonic Tactical Missile, Advanced Air-to-Air Missile, and the low-cost Integral Rocket Ramjet."

#### Capt. Haff Praised

Admiral Whittle also had words of praise for Capt. Haff, the new NWC Commander, noting that "there are few naval officers better equipped to continue the fine traditions of naval leadership so well established here at NWC.

"Both of these fine officers embody the principles of naval leadership to which we all must strive," the CNM continued. "The longer I serve, the more clearly I realize that it is not the flag officers who try to steer the Navy's ship from Washington or China Lake, but their on-scene commanders and subordinates who provide the leadership that guarantees success."

Before leaving the microphone, Admiral Whittle asked RAdm. Harris to join him for a moment while he presented him with the Legion of Merit for his service as NWC Commander.

#### Farewell Remarks

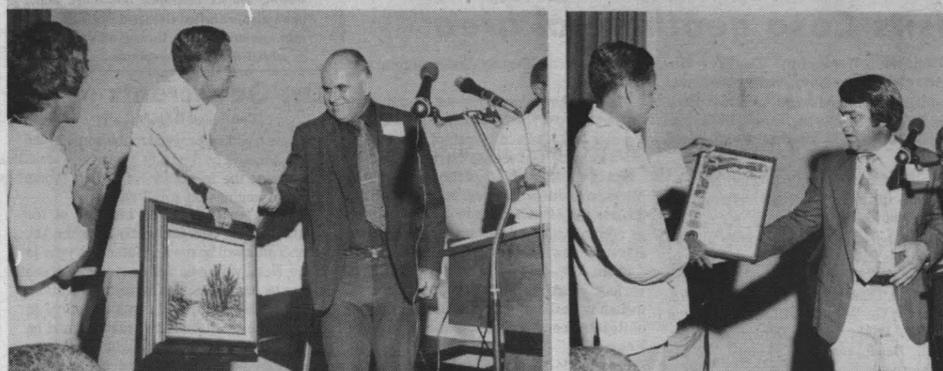
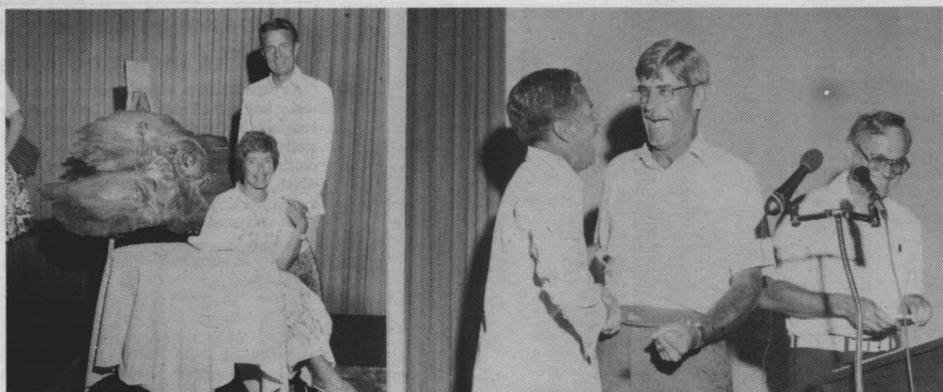
Prior to reading his official orders and turning the NWC Command over to Capt. Haff, RAdm. Harris had the opportunity to say a few words of farewell.

His objective when he arrived here 22 months ago, he said, was to "improve the reputation of the Center by concentrating on giving our customers their money's worth. Whatever success we have achieved, the credit does not belong to me, but to each of the hard working, loyal members of the team which is doing its very best to improve the output here," RAdm. Harris noted.

As a measure of the success that has been achieved in delivering what people are looking for, RAdm. Harris said that "more and more program managers in Washington desire to put their programs in our hands, and the budget for the Center has steadily increased over the past two years."

The need for improving the Navy and Navy weapons is evident, he said, from the global situation that involves the U.S. in commitments in such far away places as Israel, South Korea and Japan in the face of growth of the Soviet Union's naval power, and the uncertainty of the flow of oil from the Persian Gulf and the Mid-East.

He mentioned this, RAdm. Harris observed, to give a boost to the effort that is needed here at China Lake to improve, through applied technology, the quality of



**FESTIVE FAREWELL PARTY HELD**— Rear Admiral William L. Harris, NWC Commander, and his wife, Jean, were the honored guests at a farewell party and dinner held on June 27 at the Commissioned Officers' Mess. A camera's-eye view of this special event captures some of the highlights of the affair. RAdm. and Mrs. Harris pose (top row at left) by one of Larry Zabel's works of art — an oil painting of bighorn sheep done on a weathered piece of wood. This gift, from the entire Center, was presented by Bob Hillyer, NWC Technical Director. The top three (l.-r.) RAdm. Harris, Capt. F. H. M. Kinley, Vice Commander, and Hillyer epitomize the good humor that prevailed at the party. A blown glass figurine of a tennis player, a special plaque from the Air Force Liaison Office, and a model of the flagship for the "Mickey Mouse Airline" were presented (second row, l.-r.) to

RAdm. Harris by Ed Royce, head of the Research Department; Lt. Col. Jim Gibbons, Air Force Liaison Officer; and Capt. Sig Stocking, head of the Aircraft Department. Next, Dick Kistler, head of the Office of Finance and Management, presents a desert painting (the work of Martina Camphausen) to RAdm. and Mrs. Harris, and a Kern County proclamation honoring the departing NWC Commander is given to him by First District Supervisor Gene Tackett. In the lower three photos (from left) RAdm. Harris receives a legal tome from Loyal Blackwood, NWC Counsel, who also has left government service; an engraved plaque listing technical programs in which RAdm. Harris had a part is presented by Bill Porter, head of the Weapons Department; and another memento of his tour of duty here is presented to RAdm. Harris by Don Chizez, Mayor of Ridgecrest.

the weapons of U.S. Armed Forces. "This work is extremely vital if we are to maintain a balance with our potential enemy," the departing NWC Commander emphasized.

He was extremely pleased, RAdm. Harris noted in closing, to be able to turn over the

NWC Command to a "very capable, knowledgeable and well thought of naval aviator, Capt. Will Haff."

The latter, RAdm. Harris said, has worked very closely with the laboratory departments at NWC in "fine tuning the technological output of the Center. More

importantly he has worked very hard to see that we are 100 percent supportive of the Fleet's needs. He has a great understanding of weapons technology. I feel I could not leave the Center in better hands," RAdm. Harris stated.

(Continued on Page 5)

## Comptroller of Navy will be guest speaker at ASMC installation dinner

Rear Admiral S. David Frost, SC, USN, Comptroller of the Navy and Commander, Navy-wide Finance Activities, will be the installing officer and featured speaker at the launching of the newly-formed China Lake Chapter of the American Society of Military Comptrollers (ASMC).

This event, which is open to all interested persons, will be held next Thursday, July 12, at the Commissioned Officers' Mess. A social hour starting at 6 p.m. will precede the ASMC installation dinner, which will be followed by a talk by RAdm. Frost. His subject will be "The Role of Comptrollership in the Navy Today."

Tickets to the ASMC installation dinner are priced at \$10 per person, and can be reserved no later than today by calling Arthur Zepeda, president, at NWC Ext. 2144; John Simpson, vice-president, at NWC Ext. 2141; or Charlotte Paulsen, at NWC Ext. 2151.

In addition to Zepeda and Simpson, the other officers who will have a role in han-

dling the group's affairs during its first year of existence are Linda Collins, secretary, and Paul Copeland, treasurer.

The American Society of Military Comptrollers is a professional organization composed of individuals whose work is primarily in the field of comptrollership, financial management and related areas within the Department of Defense and the U.S. Coast Guard.

RAdm. Frost, the national president of ASMC, began his Navy career as a midshipman at the U.S. Naval Academy in July 1949. After graduating with distinction in 1953, he was assigned to sea duty in the Pacific.

Later, upon graduation in 1956 from the Naval Supply Corps School in Athens, Ga., he was transferred to the Navy Supply Corps. Since that time, he has served as



RAdm. S. David Frost, SC, USN

Supply Officer on two ships, the USS Rankin (AKA-107) and the aircraft carrier USS America, and has had several assignments ashore in the general area of logistics systems design.

RAdm. Frost holds a master's degree in business administration from Stanford University and attended the Naval War College.

Other duties have consisted of directing the Navy Uniform Inventory Control Point Task Force at Mechanicsburg, Pa.; four years in the Pentagon as Executive Assistant to the Assistant Secretary of Defense (Comptroller); and, in 1975, he assumed command of the Navy Supply Corps School in Athens, Ga.

Most recently, he has served in the headquarters of the Naval Supply Systems Command as Deputy Commander for Plans, Policy and Programs Development.

## College automotive instructor to speak at F.E.W. meeting

Helpful information on minor automotive service matters will be discussed at the next meeting of the Indian Wells Valley Chapter of Federally Employed Women.

The meeting will be held on Tuesday, from 11:30 a.m. to 12:30 p.m., in the Sidewinder Room of the Community Center, and the speaker will be Carl Jones, automotive instructor at Cerro Coso Community College.

All interested persons (women or men) are invited to attend and bring a brown bag lunch. Jones will discuss some of the simpler kinds of automotive repair jobs that motorists can learn to do for themselves, what to keep in mind when looking for an auto repair mechanic, and what the consumer can do in the event of problems regarding an auto repair job.

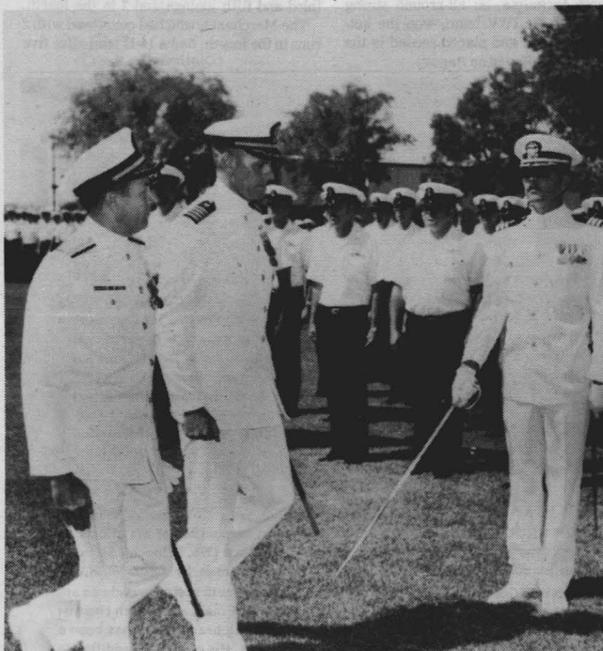
In addition, the speaker will provide information on automotive repair courses that are available at Cerro Coso College, and will be prepared to answer questions from the audience.



RAdm. William L. Harris, NWC Commander, Sept. 1977 - June 1979



**FINAL HONOR** — Admiral Whittle congratulates RAdm. Harris after presenting him with a Gold Star in lieu of a second Legion of Merit. This honor was in recognition of the outstanding manner in which RAdm. Harris carried out the complex duties of NWC Commander from September 1977 to June 1979.



**TROOPING THE LINE** — RAdm. Harris and Capt. Haff quickly pass by the ranks of the enlisted personnel, chief petty officers, and officers (nearly 375 in all) who were assembled for this time-honored ritual that was a part of the change of command ceremony. — Photos by PH2 Tony Garcia