

## Valley residents can keep busy on the 4th at local fairgrounds

Over \$4,000 in fireworks will be the featured attraction at this year's Fourth of July celebration at the Desert Empire Fairgrounds.

The fireworks show begins at 9 p.m. Pyrotechnician Bob Walters will be assisted by Frank Holley and Bert Summers.

This year's show features many ground displays that will not be visible from a distance, so the Council of Organizations and the Desert Empire Fair invites

## All single adults are welcome to attend a potluck tomorrow

Saturday, June 29, a potluck, and an evening of fun for single adults, will be at the Kern Regional Park.

Festivities, which include music, horse shoes and lawn darts, will begin at 6 p.m. People are encouraged to bring Frisbees, croquet sets, softball, mitts and bats to help make the event an old fashioned picnic.

All single adults are invited, just bring a dish to share, and a beverage and place setting.

For more information, call Marlene at 375-3460; Joan at 375-2867; Sharon at 375-2559, or John at 375-7891.

## Fleet Reserve Assn. to hold next meeting at CPOM on Mon.

All active duty and retired Navy, Marine Corps and Coast Guard personnel are invited to attend the monthly business meeting of China Lake Branch 95 of the Fleet Reserve Association Monday at 7:30 p.m. in the Chief Petty Officers' Mess.

Standing Committee Chairmen are reminded that their annual reports are due and should be brought to this meeting for the branch president's signature. Other business includes the selection of delegates to the South West Regional Convention (Aug. 9 and 10 in Oxnard), and the National Convention (Aug. 27 to Sept. 2 in San Antonio, Texas).

**Looking For Equipment?**

Call the Equipment Locator Service (Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!

## This week's weather

	Max	Min	Peak wind
Fri.	106	62	19 knots
Sat.	101	70	30
Sun.	97	69	28
Mon.	95	65	30
Tues.	95	60	20
Wed.	99	56	20
Thurs.	104	65	21

Temperature and wind recorded at Armitage Airfield.

## Hours of operation for July 4

Gymnasium	11 a.m. - 7 p.m.
Pools	
Indoor (lap swim)	5:30 a.m. - noon
(open swim)	noon - 7 p.m.
COM	11:30 a.m. - 6:30 p.m.
CPO	1 p.m. - 6 p.m.
EM	1 p.m. - 8 p.m.
Camping Issue	11 a.m. - 7 p.m.
Auto Hobby Shop	7 a.m. - 2:30 p.m.
Golf Course "Scramble"	8 a.m.
Sports Branch Office	Closed
Theater Matinee "Robin Hood"	2 p.m.
Bowling Alley	11 a.m. - 11 p.m.
NEX Mini Mart	10 a.m. - 7 p.m.
Youth Center	Closed

everyone to spend the day at the fairgrounds, take part in the activities, have a picnic, and then stay for the fireworks display. Bleachers will be set up for comfortable viewing of the spectacular.

Beginning the festivities at 1 p.m. will be the raising of the flag by the NWC Sea Cadets.

Food and drink booths serving hot dogs, sloppy joes, corn-on-the-cob, pepsi, beer, and more will open at 1:30. At the same time, games, contests, and activities will begin. These include horseshoes, a root beer chug-a-lug, a pie-eating contest, sack races, tug-o-war, and a mud volleyball match.

A fire will be lit at 4:30 p.m. for the convenience of barbequers, so everyone can bring something to throw on the grill.

For more information, contact the Ridgecrest Chamber of Commerce at 375-8331, or Roberta Leighton at 375-8832.

## After 5 Club to hold patio party Mon. at Le Parc restaurant

The new Ridgecrest After 5 Club, an affiliate of the Christian Business and Professional Women's Council, will hold a Patio Party on Monday from 7 to 9 p.m. at Le Parc restaurant in Ridgecrest. All interested persons are invited to attend.

The program will include a presentation of summer fruit given by Bill Farris, musical selections by Bobbie Address, and the guest speaker is Sherrill Webb from Marysville, Calif.

Cost of the dinner is \$8.75 and reservations are required. Reservations can be made by telephoning Alice at 375-3433 or Cathy at 375-7108.

## Co-op program for Cerro Coso grads employed on Center

Twenty-seven Technician Cooperative Education Program Students were graduated with an Associate of Science Degree during Cerro Coso's commencement ceremonies on May 30. The Co-op program is a joint venture between Cerro Coso Community College and the Naval Weapons Center in which selected full-time students work part-time at the Center in their chosen field.

The Naval Weapons Center is currently one of few Federal installations involved in a cooperative effort according to Jim Bumgardner, coordinator of the program at Cerro Coso.

## CLOTA plans unique costumes, sets, props for summer play

The cast and crew of CLOTA's "Once Upon A Mattress" is busily preparing to set the stage for its July performances. This major undertaking involves transforming the Burroughs Lecture Center into a medieval kingdom.

This fairy tale musical takes place in an English castle. Technical directors Mark Pierce and Tom Pearl along with set designer Dave Coulombe and director Sherry Parker have produced a set consisting of a



**STILL NEED MORE** — Dan Banks and Christa Jones are joined by students from Maturango Museum's summer school session who collected cans for the fireworks fund. The fund, which must reach \$4,000 in order to pay for the spectacular display, is still about \$1,500 short of its goal. Any aluminum cans or donations would be greatly appreciated by the Ridgecrest Chamber of Commerce. — Photo by PH2 Rick Moore

## Annual CPOM Hawaiian Luau scheduled for Aug. 24 at 5:30

Get set for the CPOM's Annual Hawaiian Luau to be held on Saturday, August 24, at the CPOM, of course.

The festivities will begin at 5:30 p.m. when the IMU Ceremony (taking the pig out of the pit) will take place. The no-host bar will be open from 5:30 p.m. to 12:30 a.m. and dinner will be served from 6:30 to 7:30 p.m.

Once again, the world renowned talent of "Portia Senoa and the Polynesian Extravaganza" will be featured. This delightful group will play serenade music from 7:30-9:00 p.m. for dancing pleasure. At 9:00 p.m. the spectacular floor show begins and will continue until 10:15 p.m.

The dancers are exciting, the costumes

## Auto shop open Thurs.

The Auto Hobby Shop will be open on July 4 from 7 a.m. to 2:30 p.m. so that those who want to use some of their day to finish special auto projects will have the opportunity to use the day off to do so.

## Movies

FRIDAY, MONDAY	JUNE 28, JULY 1
"THE KILLING FIELDS"	
Starring Sam Watson and Dr. Haing S. Ngor (War-Drama, Rated R, 142 min.)	
SATURDAY, SUNDAY	JUNE 29, 30
"THE SURE THING"	
Starring John Cusack and Daphne Zuniga (Comedy, Rated PG-13, 95 min.)	
TUESDAY	JULY 2
"THE LOONEY, LOONEY BUGS BUNNY MOVIE"	
(Matinee) (Animated, Rated G, 79 min.)	
WEDNESDAY	JULY 3
"BACK IN THE USA"	
Starring Ken Wahl and Judge Reinhold (Drama, Rated G, 82 min.)	
THURSDAY	JULY 4
"ROBIN HOOD"	
Voices by Roger Miller and Peter Ustinov (Matinee) (Animation, Rated G, 83 min.)	
FRIDAY	JULY 5
"THE MEAN SEASON"	
Starring Kurt Russell and Maril Hemingway (Mystery-Drama, Rated R, 104 min.)	

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm  
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

PG: ALL AGES ADMITTED  
General Audiences  
PG: ALL AGES ADMITTED  
Parental Guidance Suggested  
R: RESTRICTED  
Under 17 Requires Accompanying Parent or Adult Guardian

U.S. Government Printing Office:  
1985 — No. 20011

FROM:

PLACE STAMP HERE

TO:

# Center's Invention Awards based on creativity

Practical creativity of Center technical personnel was honored last Friday at the first Invention Awards presentation, which was held at Michelson Laboratory. Invention Awards will be presented annually to recognize Navy-owned patents by Center personnel that have resulted in saving literally millions of dollars for the government.

Burrell Hays, NWC Technical Director, noted selection for the initial awards was extremely difficult because these covered a 41-year span of China Lake history. Although there are many high pay-off patents that were not recognized, he said, they may well appear as winners in future years.

The patents recognized at the awards ceremony were:

1. Patent No. 4,474,112 of October 1984 for Arming-Firing Relock Device by George E. Cooksey, John F. Prescott, and Rodney H. Zagala.
2. Patent No. 3,951,072 of April 1976 for Propellant Grain Design by Roland E. Baker.
3. Patent No. 4,321,954 of March 1982 for Gas Pressurizer by William L. Black.
4. Patent No. 3,819,925 of June 1974 for Chemiluminescent Light Sticks by Herbert

P. Richter and Ruth E. Tedrick.

5. Patent No. 3,698,241 of October 1972 for Vibracoustic Test Method by Peter Bouclin.

6. A grouping of five patents including the TV tracking system for Walleye, granted in

April 1973, by William H. Woodworth, George R. Lewis and Jack A. Crawford.

7. Patent No. 4,068,590 of February 1978 for Improved Means for Controlled Fragmentation by John Pearson.

In his welcome to the audience, Capt. K.A. Dickerson, NWC Commander, said the Center has always been on the edge of technology. "These awards," he said, "are (Continued on Page 7)



**PATENTS HONORED** — Inventors who received awards for the usefulness of their patents to the Navy gather with their plaques. In the front row, left to right are Ruth E. Tedrick, William L. Black, G. E. Cooksey, Peter Bouclin, and Roland E. Baker, as the Center's

Technical Director, Burrell Hays, joins with them. In the back row are Rodney Zagala, Herbert Richter, John Pearson, John Prescott, William Woodworth and Jack Crawford. Not pictured is George Lewis.

**NWC Rocketeer**

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL, No. 26 / June 28, 1985

## Chief balloonist prepares for international race

Once again, Duane Powers, the Center's chief balloon pilot, has been selected to represent the United States in an international sporting event — an international balloon race in Switzerland on September 7.

Powers and his fellow balloonist, Bob Penny, finished third nationally in this year's helium balloon race circuit. Only the top three balloon teams from each nation are invited to compete in Switzerland. They also represented the United States last year at Zurich, when their balloon, Old Glory, finished in 13th place.

While the official race language is English, Powers says that the English used in last year's briefings was so accented by speakers whose native tongue was German, French, or Italian, that the briefings were often almost incomprehensible.

Each team has assigned to it an interpreter in order for the team to be able to understand the briefings. The amateur balloonist who served as their interpreter last year was not able to join them until just about the morning of the race. This year, they have been assigned the same in-

terpreter, but he is going to take his vacation so that he will be available to assist Powers and Penny as soon as they get to Switzerland.

Penny owns the two balloons that he and Powers fly. The one they will use overseas, Old Glory, is a white balloon with three giant American flags displayed on it. The balloon that they use to compete in the United States, Ghost Rider, is blue with gold spires and carries an American flag and the skull and crossbones.

Powers got interested in ballooning when

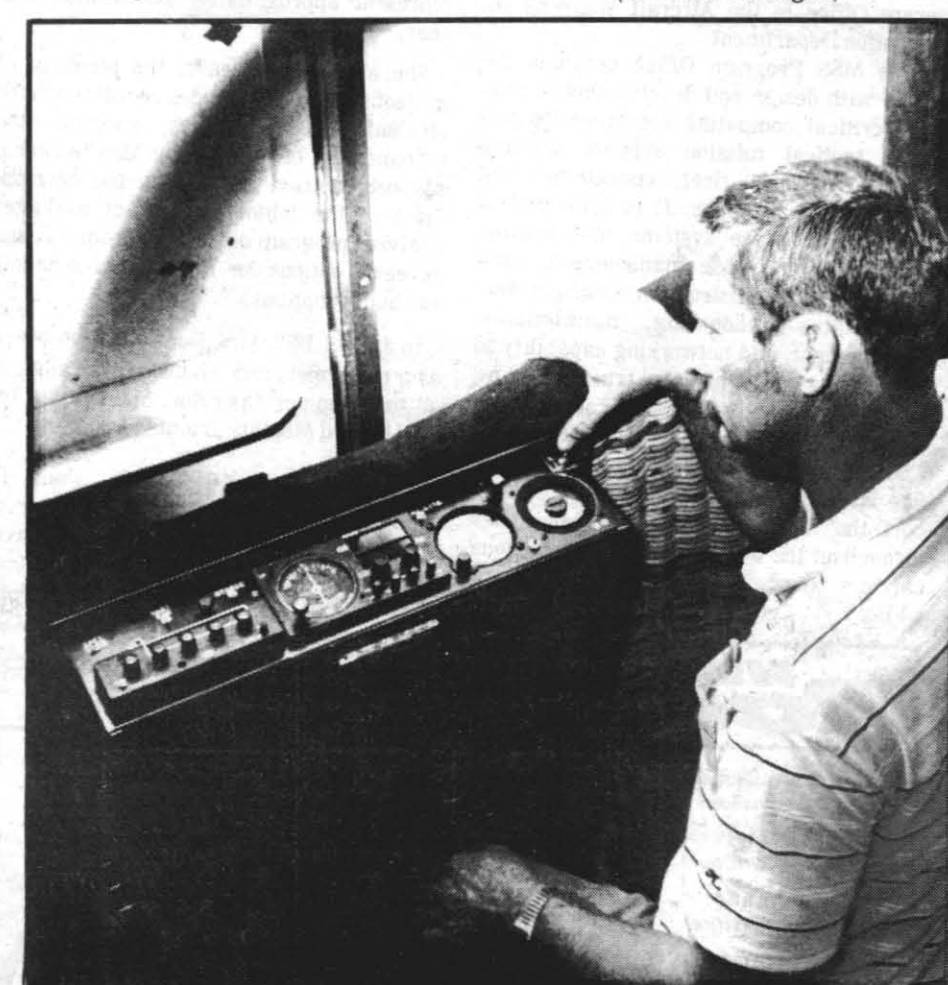
he began helping Jimmy Craig, the Center's former chief balloonist, in 1967. (Both hot air and helium balloons have long been in use at China Lake for a wide variety of test purposes. Generally, however, these are tethered for tests.)

By the time that Craig retired, Powers had completed the requirements for a balloonist's license, which calls for a number of both hot air and helium balloon flights. He has since achieved instructor status, and has five students whose work

(Continued on Page 4)

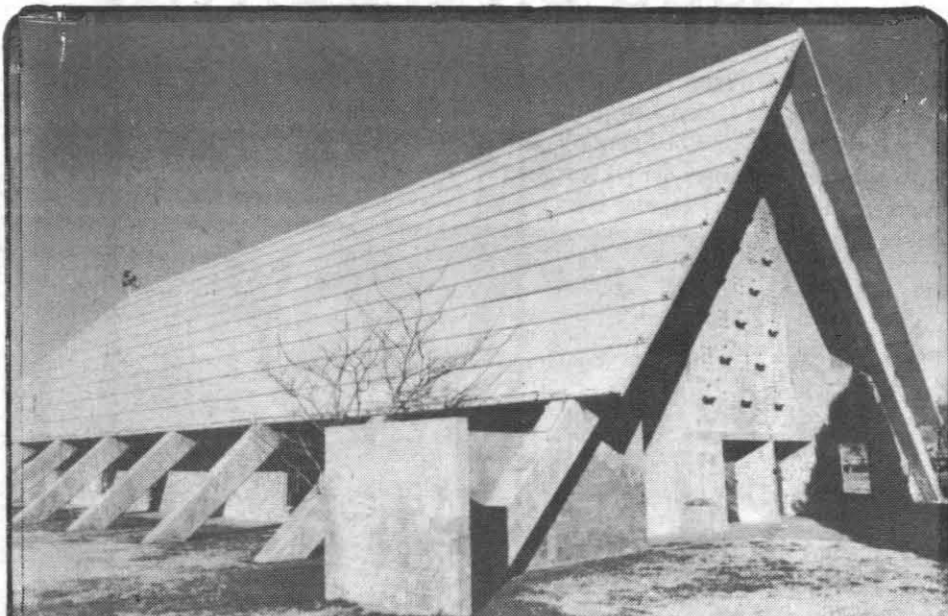


**UP AND AWAY** — Duane Powers, the Center's chief balloon pilot, and Bob Penny lift off in their helium net balloon named "Ghost Rider." This balloon is used in races they enter in the United States.



**CHECKOUT** — Duane Powers examines the only set of instruments required to fly in his balloon. He is in the wicker basket used for hot air balloon flights in which a special test platform is not required. — Photo





## Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10 a.m.
SUNDAY SCHOOL (Annexes 1, 2 and 4)	8:30 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m.	(Nursery provided)
Wednesday 11:30 a.m.	
Thursday 7 p.m.	Officer's Christian Fellowship
ROMAN CATHOLIC	
SUNDAY MASS	8:30 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday)	10 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturdays, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sundays, Annex 95)	9 a.m.
Chaplain J. Milton Collins, Capt., CHC, USN	
Chaplain A. J. Smith, Cdr., CHC, USN	
Chaplain Jason E. Knott, Lt., CHC, USN	
Phone, NWC ext. 3506, 3507	

### Employee in the spotlight

## Linda Bego finds administrative officer position challenging

"This was everything I ever wanted a job to be. It dealt with funding, contracts, facilities, safety, security — every element of an administrative officer's functions. It was an opportunity that would not come again," says Linda Bego when talking about why she accepted a position in an office that only operates on two speeds — fast and faster.

Mrs. Bego is the administrative officer for Mission Support Systems (MSS) Program Office in the Aircraft Weapons Integration Department.

The MSS Program Office provides the Navy with design and development of mission critical computing resources for aircraft tactical mission support systems which improve fleet operations and maintenance functions. It is composed of hardware/software systems that provide automated data base management, computer managed instruction, configuration and status accounting, maintenance management, and networking capability to a variety of naval training and maintenance activities, both ashore and afloat.

According to Mrs. Bego, this program office is unique in that "our programs support the military in the fleet and sites throughout the world, as well as on various carriers. No one in the world does the work we do."

Mrs. Bego handles the funding for these projects. She is responsible for the financial and contractual obligations of the programs; she accepts the funds from various NAVAIR and COMNAVRESFOR sponsors and designates where it will go. "While most (projects) receive money on Work Requests which are tracked by NIF activities, we receive 98 percent of our money through Requests for Contractual Procurements (RCPs), which are not. RCPs represent approximately \$16 million this year."

She also contributes to the planning of project activities; provides coordination for off-center activities/sites; supports the management of the existing MSS technical support contract as well as the development of the follow-on contract package; analyzes program objectives/problems and develops options for recovery of schedule and budget options.

In July of 1979, Mrs. Bego came on board as a personnel clerk and soon was advanced to Computer Operator. She applied for the Upward Mobility Training Program.

In December 1980, Capt. Paul D. Stephenson, then Commanding Officer of Air Test and Evaluation Squadron Five, hired her as an Upward Mobility Technical Publications Writer/Editor. She had planned to stay in that position for 3 or 4 years, and then apply for an administrative officer position (based on experience gained on the job), when the administrative assistant position in Code 3109 was offered to her one year later.

Terry Wiruth, Administrative Officer for the MSS Program Office, was planning to retire in 2 years and was looking for someone to fill in behind her. Mrs. Bego couldn't pass up the opportunity to advance toward her goal. "Under Terry's excellent training, I completed my Upward Mobility Training in one year, and met the requirements enabling me to move up to the next higher grade," says Mrs. Bego.

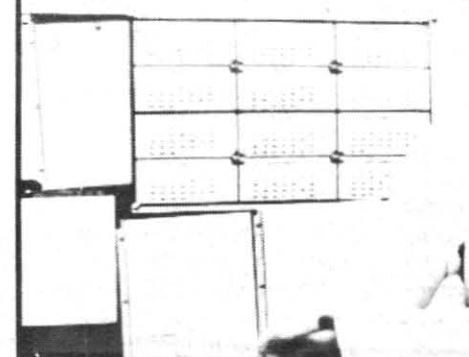
Terry retired in August 1982, leaving the management of the program's funds in capable hands. "I've worked hard to get here and I've put in many nights and weekends, but I've been rewarded for it. The people here are outstanding. My managers, John Weaver and Ron Jones, support me in everything I do. Of course, I have to justify everything, but they allow me to do my job and it I need help, they get it for me."

Help has come in the form of another

Upward Mobility Trainee, Peggie Jarrett. "The good thing about the Government," says Mrs. Bego, "is that it offers people an opportunity to grow and allows them to make career changes." She is grateful for the opportunity to train Peggie and is excited that both of them are learning from each other and growing together.

Surviving her hectic schedule is made easier by Mrs. Bego's involvement in Cactus Needles, a stitchery group that she and Mariel McEwan started a couple years ago. She uses to fly before and after work and during lunch periods when she worked at VX-5, but soon found she did not have time to spare to maintain flight proficiency with her new job.

Not all of Mrs. Bego's time is spent at work or on needlework. She is married to Jim Bego, branch head of Code 3626. They met and married while both working in Iowa. They spent their first year together in Florida and arrived in China Lake on their first anniversary, thirteen years ago. They celebrated by cleaning an old duplex, unpacking boxes and moving into their new home.



**REVIEWING DELIVERY ORDERS** — When she is not busy managing funds for the projects in the Mission Support Systems Program Office, Linda Bego has a few moments to check on delivery orders for the office. — Photo by PH2 Rick Moore

## Kern County Health Dept. offers low cost immunizations Monday

Since childhood diseases can spread so quickly between children, the Kern County Health Department encourages parents to be sure their children all have needed immunizations to prevent diseases that are preventable.

In addition, the basic immunizations are required before a child can start school, and many day care centers require the same shots.

To aid parents in being able to afford needed immunizations, Kern County will again offer its low cost immunization clinic in Ridgecrest on Monday from 9 a.m. until noon. The immunizations will be given at

the Health Department offices at 250 W. Ridgecrest Boulevard in Ridgecrest.

Immunizations offered to children from two months through 17 years of age include polio, diphtheria, measles, mumps, rubella, pertussis (whooping cough), and tetanus.

The fee for each immunization or combination of immunization is \$2, with a maximum of \$5 per family per visit. No credit cards, insurance forms or large bills will be accepted, but stickers from Medi-Cal cards will be honored.

No appointment is necessary, but parents or guardians must accompany children under the age of 18 to sign consent forms.

## Fireworks forbidden on board, says China Lake Fire Division

Although everyone on board NWC is encouraged to have a bang-up Fourth of July holiday, for the sake of safety those banging fireworks have no place at China Lake.

The NWC Fire Division reminds all Centerites that the use or ignition of fireworks is prohibited on all parts of the Center's lands. Fireworks include blank cartridges, toy cannons, firecrackers, torpedoes, skyrocketers and Roman candles or similar items capable of producing a visual or audible effect by combustion or detonation.

This prohibition does not include toy pistols or toy candles and similar devices that use a paper cap, saluting cannons or blank cartridges used by the military or highway warning devices.

Hand held sparklers are permitted under adult supervision. Every year fireworks are directly responsible for millions of dollars in property losses, and, more importantly, hundreds of injuries and deaths.

## Local quake activity picked up in May

Local earthquake activity picked up during the month of May, according to the monthly earthquake epicenter report. The quake activity centered on the inner range areas. The most severe quake of the month was only a magnitude 3.6 on the Richter scale, which is enough to call attention to itself, but not do any damage.



**FUN RUNNERS** — Youngsters do a little training to prepare for next week's Fourth of July Fun Run sponsored by the China Lake Little League.

## Invention Awards presented for seven top patents

(Continued from Page 1)  
designed to honor the creativeness and inventiveness of those people who made us what we are today."

Haskell (Hack) Wilson, former Technical Director, who was the keynote speaker, agreed that invention has been the life blood of China Lake from its beginning to the present day. Each major program, he pointed out, often needed a score or more inventions to provide necessary components for a system.

"Recognition of one's achievements is a significant factor in job satisfaction," Wilson continued. "And job satisfaction is a major element in the retention of good people, especially at China Lake where many make an economic sacrifice to stay in government service."

Good design, he said, meant not only successful systems, but also producibility at a reasonable price possible because such economy of design (using inventions) comes as a result of planning. Good design is intentional, seldom accidental.

Many designs at China Lake have been unpatented, according to Wilson. He urged everyone to submit ideas and designs to the Patent Counsel's office for consideration.

Hays and Carl Schaniel, head of the Ordnance Systems Department (one of three department heads on the task team making the initial selection from nominations by all the Center's department heads), then presented the awards.

The Arming-Firing Relock Device, said Hays, provided an ingenious and cost-effective change to the way that rocket

motors are armed. The device was so well conceived that it is being applied to other systems as well as to Sidewinder and Sparrow missile systems for which it was designed. Prescott, speaking for the three awardees, said they wished to thank the two program offices and Jack Russell, head of the Engineering Department, for the assistance they had received.

The case-bonded propellant grain originally designed by Baker for the MK 36 Sidewinder rocket motor to solve the problem of in-flight failure due to overheating of the motor case is now in use in numerous weapon systems, said Hays.

Baker expressed his appreciation to Dr. Frank Cartwright and Nadim Totah (who is no longer at NWC) for their faith that he could accomplish the task of developing such a case-bonded technique.

Black's gas pressurizer solved a major corrosion problem involved in the opening of a sealed liquid fuel or oxidizer tank to admit inert pressurizing gas. Since the principle use of the device is in AQM-37A drones, saving of these drone assets amounts to several hundreds of thousands of dollars to the Navy each year.

Black credited his ability to provide this invention to "the supportive environment I work in." Personnel are encouraged to look at old problems in new ways, and are supported in creative efforts.

More the \$350,000 annually in saving has been ascribed to the chemiluminescent light sticks whose basic patent is credited to Richter and Ms. Tedrick. Hays noted that the American Cyanamid Company

## Summer weather promotes fishing around Lake Isabella

By Mike Vradenburg

Lake Isabella's temperature is rising from the hot weather, and the warm water species are in their spawning season. The catfish, bass, crappie, and bluegill are concentrated in the north and south fork areas, and most anglers are landing nice size fish.

Catfish anglers are doing extremely well fishing in the evening and after dark. The channel and white catfish remain in deep they r during the day, and in the evening F move into the shallow areas to feed.

Best areas for catfish are from Camp Nine to the airport, Rabbit Island, south lake shoreline, Brown's Cove, and Joughlin Cove. Strong smelling baits work best, and anglers are using mackerel, clams, anchovies, shrimp, and nightcrawlers.

Bass, crappie, and bluegill fishing is most productive in the early morning. Bass an-

glers doing best over the past week were using rubberworms, but nightcrawlers, waterdogs, and surface plugs also landed some good size fish.

Anglers are doing best in the north and south fork areas concentrating their efforts in rocks and weeds along shore, and around the reeds, bushes, and trees in 6 to 10 feet of water.

The most productive spots to fish for crappie are from Tillie Creek Marina to Wofford Heights Park, and in the southlake area from Rabbit Island to the light tower.

Crappie are being caught on jigs, sassy shads, and plugs. A few large crappie were caught last week, but most weighed less than a pound.

Bluegill are being caught on worms in the rocks, trees, and bushes at Piney Point, French Gulch, Rabbit Island, Camp Nine, and along shore in Wofford Heights.

## Little League bills July 4 race

Early morning starts will ensure good conditions for a pair of "Fun Runs" set July 4 by the China Lake Little League.

Runners can enter a 2 or 8 kilometer run the morning of Independence Day. Registration begins at 7:30 a.m. at Diamond 4. The entry fee is \$1.50 for under 12 years of age or over 60. All other runners will pay \$2.50. All proceeds go the the China Lake

Little League.

There will be fun awards presented to top finishers in the two races and post-race refreshments will be available.

Mary Moore, CLLL president, invites area runners to celebrate the 4th of July with an early morning run.

For more information call Ms. Moore at 446-2914

manufactures more than three and a half million of these devices for the Department of Defense annually, and more than 20 million for sale to other users.

Richter said that many on board the Center helped implement their 1969 idea for the device, "far too many to name, but to each of you, thank you."

Bouclin's basic patent for the Vibracoustic Test Methods uses acoustics to provide a realistic simulation of vibrations undergone by a weapon system during its firing. Savings to the government are credited in excess of \$3.5 million to date for the test method now used primarily by the Pacific Missile Test Center, Pt. Mugu.

The Engineering Department's support for his efforts in exploring the problem and solutions were cited as a prime factor in success of his method, said Bouclin.

The Television Tracking System actually consists of a series of five patents that were responsible for the success of the original Walleye weapon and for its upgrades, Hays commented, adding that a dollar value of the saving to national security and the number of pilot lives saved could not be calculated.

Lewis was not able to be present for the award ceremony, but Woodworth and Crawford commented the award was most appreciated.

John Pearson's expertise and inventions in fragmentation work is recognized worldwide. In fact, Hays said, his work has received the highest form of compliment in being copied by other world powers. His basic principles have led to numerous applications in tactical systems.

The Pearson notch, a fragmentation device that produces uniform-sized fragments of a predetermined shape and mass to be used in antipersonnel and antimaterial systems, has conservatively been estimated to result in cost saving in excess of \$4.3 million, Hays said.

In addition, all of Pearson's work has been of the highest technical and scientific standards, Hays concluded.

Pearson perhaps best summarized the feelings of all the inventors when he commented that "It's a great feeling when your inventions are put to use by the Fleet. It also makes you feel that you did the job you originally came here to do."



**CATCHING UP ON THE NEWS** — Haskell (Hack) Wilson, former Center Technical Director, who gave the keynote speech for the Invention Awards presentation, chats with Robert L. Rowntree, the Center's Technology Base Coordinator, during an informal reception held following last Friday's ceremony. — Photo by Steve Boster

**NWC Rocketeer**

Captain K. A. Dickerson  
NWC Commander

B. W. Hays  
Technical Director

Denny Kline  
Public Affairs Officer

Mickey Strang  
Editor

Steve Boster  
Associate Editor

PH2 Rick Moore  
Staff Photographer

Official Weekly Publication  
Naval Weapons Center / China Lake, California 93555-6001  
(619) 939-3354 or 939-3355

Deadlines: News Stories-Tuesday, 4:30 pm / Photographs-11:30 am

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979.

Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.



## China Lake loop picks all-stars for tournament

Lance Moore, Paul Ashton and Sean Gustavson of the Tigers lead the 1985 China Lake Little League All-Star team selected by coaches after the regular season ended.

Announced at Monday's clash between 12-year-old players and league coaches, the All-Stars will represent China Lake in all-star competition later this summer.

The Dodgers, Yankees and Red Sox also played players on this season's stellar squad.

The roster includes; Lance Moore, Paul Ashton, Sean Timmons, Sean Gustavson, James Bell, Brian Mather, Brian Baruand,

Colby Saycors, Lamont Dawson, Shawn Hamilton, J.J. Harrison, Ron Meyer, Ted McGregor and Stacy Miller.

All-stars will begin play on July 13 when China Lake plays host to the Area 1 All Star Tournament.

Teams from Searles and Kern River Valleys will join Ridgecrest and China Lake leagues in sending all-star squads to compete in the weekend events.

The winner in the single elimination tournament will advance the District 51 competition set for diamonds at Edwards Air Force Base later in July.



**FAST BALL** — Gritting his teeth and pushing off with his legs, the Pirate pitcher gives his all in a pitch during action in Tri-Valley Tournament play Tuesday. — Photo by Steve Boster



## Sports

## High country lakes attract crowds of anglers

Warm, mid-summer weather is bringing out anglers in droves. Most lakes in the Sierra have large weekend crowds on hand to seek rainbow trout.

Weekday activity is a little less hectic, according to the Bishop Chamber of Commerce.

At Lake Sabrina the fishing is pretty good; anglers are catching lots of pan-sized plants with bait.

Rock Creek Lake anglers are landing lots of limits of pan-sized fish using bait and flies.

Rock Creek is reported to be very good for experienced anglers fishing with nightcrawlers, marshmallows and flies.

Most of the action at Crowley Lake is coming from the Sacramento perch. They are hitting purple jigs. When the weather cools each evening, rainbow and brown trout fishing picks up with anglers using flies.

On the upper Owens River (near the bridge) pan-size trout are being taken with eggs, worms and nightcrawlers. Some native trout are being caught on flies.

Hot Creek is giving up trout 16 to 18 inches long on dry flies like elk hair caddis, King's River caddis and the gray fetch.

Crowded is one way to describe Convict Lake. Anglers are catching pan-sized trout with floating bait, eggs or worms.

Mammoth Creek is giving up mostly planted trout to anglers using worms. The lakes in the Mammoth area are producing when fished with floating bait and the fly and bubble combination.

On the June Lake Loop all lakes are reported to be good for fishing and crowded. June Lake anglers are landing mostly pan sized plants on eggs. Also, floating bait and worms are being used. Trolling is best with Dave Davies or triple teasers. Gull, Grant and Silver Lakes are best for anglers

trolling with Rapalas.

Lots of fish and lots of people are found at Twin Lakes near Bridgeport. Yellow marshmallows, worms and trolling with triple teasers are bringing the best results.

At Bridgeport Reservoir the action is very good with fish averaging about two pounds each. Cheese, night crawlers and red salmon eggs are giving best results.

There is a lot of action, but few keepers being landed in the wild trout area of the

East Walker River.

In the Owens River south of Bishop, bass and catfish anglers are finding it slow going right now. The ponds around Lone Pine and Bishop are giving up fish grudgingly.

Action in the creeks leading into the Owens River remains good for planted trout. Also, some larger browns are being caught just below the mouths of the mountain canyons.

## Tri-Valley tourney play begins for local teams

Play began Tuesday in Tri-Valley Little League Tournament action at China Lake baseball diamonds.

In opening day play visiting Kern River

Valley Tigers nipped the Pirates of China Lake Little League's Minor Division 23-18.

The winners trailed 6-3 after two full innings of play, but rallied late in the contest to advance to the next round of play, set for Wednesday night at Diamond 4. In second round play the Tigers will go against Ridgecrest in a 7 p.m. contest.

Tonight, 7 p.m. at Diamond 4, the Tigers, champions of the China Lake Little League Major Division, will host the Red Sox from Kern River Valley in a semi-final contest.

Saturday night at 7 p.m. winners of major division clashes will square off for the championship game.

## Wild pig season reservations at Camp Roberts

California State Department of Fish and Game has announced that reservation applications for the fall deer and wild pig hunting season on Camp Roberts are now available.

The hunting period opens on Aug. 31 and runs for 9 consecutive days until Sept. 8. During this period, hunters may pursue buck deer, wild pigs, rabbits, dove and coyote. For holders of an S-6 antlerless tag, hunting starts on Sept. 2 and lasts until Sept. 8. Fees for access to the base are \$7 per day for civilian hunters and \$15 per year for military personnel.

During this period, the entire Nacimiento River on Camp Roberts will be open to trout fishing. A Fort Ord Complex fishing permit is required (\$10 for an annual permit and \$5 for 3 consecutive days) as well as a state fishing license.

Valley Little League Tournament on Tuesday. Major and Minor Division teams from Ridgecrest, Kern Valley and Searles Valley are taking part.



## The Skipper Sez...

### QUESTION

This is a general interest question for everyone on base, I think. Why does the Center continue to use this 1950s vintage antique phone system when newer equipment has been available for years that would allow us to do away with the special billing number routine? It would track each long distance call and even issue individual I.D. numbers if necessary. With some 5,000 phones, it seems the Center should be able to have new technology installed at least once a decade.

### ANSWER

Your comments and concerns regarding the present telephone system on Center are well taken and of interest to all Center employees.

Codes 142 and 2603 are in the midst of jointly developing specifications for implementing an advanced digital communications system on Center that will take advantage of up-to-date technology.

Some of the options planned will include replacing the voice network, providing individual touch tone private line instruments, and computerized billing, by extension, to make tracking of long distance calls via commercial lines and WATS much easier. We will continue to provide AUTOVON and will also provide access to the upcoming Defense Telephone Commercial Network (DTCN). Additional programmable features such as call forwarding, automatic redial, conferencing, paging, and call waiting will be made available. The system will offer a high degree of flexibility and ease of installation and changes. Modular expansion capability will allow the system to grow as the Center grows.

To keep pace with the Center's ever increasing data requirements, the new system will overlay the low-to-medium speed data network to allow both voice and data transmission to be switched through the network.

Our goal is to provide the Center with a highly reliable and cost efficient modern communications system as soon as possible.

### QUESTION

Civilian — I appreciate the move on the part of the command to keep the community attractive, and would like to suggest that vacant housing be maintained in the same condition that tenants are expected to maintain occupied housing. As an example to what I am referring to, if you would look at the front and back yards of 1308 Ticonderoga you could see an example of a place that needs some attention. Thank you.

### ANSWER

The contractor responsible for maintenance of lawns for vacant housing units has been directed to take appropriate action to correct this condition. We will continue to monitor his efforts to ensure acceptable appearance of these units. Your concern is appreciated.

All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

## All Center personnel invited to military retirement ceremony

Combining the best traditions of the Marine Corps and the Navy will be the retirement ceremony of Col. John T. Tyler, NWC Marine Corps Liaison Officer and Deputy Laboratory Director. The occasion is scheduled for Monday at 8:30 a.m. on the lawn area in front of the Administration Building.

Capt. K. A. Dickerson, NWC Commander, extends a cordial invitation to all China Lake personnel and community members who wish to attend the event.

Showing appreciation for the time and dedication Col. Tyler has given this Center, all Naval and Marine officers and enlisted personnel will present themselves for review in dress uniforms, saluting him as he is piped over the side in the time honored Naval tradition.

Special guest, Brig. Gen. John P. Monahan, Commanding General of Marine Corps Air Ground Combat Center at Twentynine Palms and Commanding General of the Seventh Marine Amphibious Battalion, will have the honor of reading Col. Tyler's retirement orders.

Other distinguished guests include Maj. Gen. Peter Odgers, Commander, Edwards Air Force Base, and Commodore John Wilson, Jr., Commander, Pacific Missile Test Center at Point Mugu.

Cdr. A. J. Smith, Catholic Chaplain at the All Faith Chapel, will deliver the invocation and benediction at the ceremony.

Following the occasion, refreshments will be served on the lawn. Parking is available in the Michelson Laboratory lot and in front of the Technical Library on Blandy Ave. All

parking lot restrictions in the laboratory parking lot will be waived during the retirement ceremony.

In case of inclement weather, the ceremony will be held at the Center Theater.



## President salutes military personnel on 4th of July

*Two hundred and nine years ago our founding fathers signed a document declaring the thirteen American colonies free and independent. By so doing, they committed their lives, reputations, and property to a new idea: that mankind was given "unalienable rights" by God to "life, liberty and the pursuit of happiness."*

*But the Declaration of Independence could not secure our freedom for all time. Nor was it guaranteed by the hard-fought battles from Long Island to Yorktown that won American patriots worldwide recognition and the right to call themselves a nation. Rather, our right to live in freedom has had to be paid for again and again. From the time of the ragged Continentals at Valley Forge to today's proud men and women in uniform, maintaining our nation's security has been both the toughest and the most important job an American can do.*

*I am proud to be your Commander in Chief. I salute you and join your fellow Americans in wishing you and your families the best Fourth of July ever.*

Ronald W. Reagan  
President



**MEANINGFUL MEMENTO** — Col. John Tyler accepts a plaque from Burrell Hays commemorating his prior duty stations and insignias of rank. Hays and Capt. K. A. Dickerson joined in making the Center's presentations to Col. Tyler and his wife, Alice.

## Presentations to Col. Tyler note cooperation of Center, Marines

"I'm not sure how you can say the words to extoll the virtues of China Lake, the warmth and the goodness, particularly that of the people of China Lake," Col. John Tyler told the friends and co-workers gathered at the retirement party held for him and his wife, Alice, last Tuesday evening.

He expressed his appreciation and that of the Marine Corps for the 100 percent support of the Commander and the Technical Director given him during the time that he has served on board as the Marine Corps Liaison Officer and, during the latter part of his four-year tour of duty here, also as Deputy Laboratory Director.

This closer relationship between the Marine Corps and the Center as a result of Col. Tyler's efforts was also emphasized by Burrell Hays, NWC Technical Director, who noted that because of relationships, the Center will be able to have a direct impact on Marine Corps technology.

Capt. K. A. Dickerson, NWC Commander, who served as master of ceremonies for the traditional presentations, expressed the Center's appreciation not only to Col. Tyler but also to Mrs. Tyler as he and Hays presented her with a leaded crystal vase as a token of that appreciation.

The impact of Col. Tyler's departure will leave a special void for the Labora-

tory Directorate, Laboratory Director Gerry Schiefer noted, because he is such a good team member.

That a particularly close relationship exists between the two men serving as Laboratory Director and Deputy Laboratory Director was highlighted by Col. Tyler's also making a presentation following those made to him and his wife: he presented a "one-of-a-kind" plaque to Schiefer "to a Marine and a friend" expressing a quotation meaningful to both of them that "it's not the critic that counts but the one in the arena."

In addition, Col. Tyler expressed his appreciation for the loyal support of his secretary, Jerry Morris, and presented a bouquet to his wife as "the one who's given me the sunlight in my life."

He concluded that there was no way to thank the literally hundreds of China Lakers who had been so helpful to him during his tour here.

The evening closed with a videotaped message from Marine Corps Brig. Gen. D. E. P. Miller, who said that "I'm jealous of you because I only got to serve at China Lake for three years while you were there for four." He added that "It couldn't have happened to a better Marine or a better friend to serve with a group of military and civilian professionals that boggle the mind."

The final videotaped message to Col. Tyler came from Gen. Paul Kelley, Commandant of the Marine Corps, who thanked Col. Tyler for his dedicated service to the Corps and to the country.

## Rocketeer deadline next Mon. afternoon

Because of the Fourth of July holiday next week, the Rocketeer deadline will be Monday at 4:30 p.m. rather than the normal Tuesday deadline.

Anyone who has material that needs to be included in the July 5 paper should plan to get it to the Rocketeer either today or Monday — and preferably as early in the day as possible.

## Summer hours set at Center library

Library hours during the summer at the Center library have been expanded so patrons can take advantage of a cool spot to catch up on their leisure reading or studying.

Until further notice, the library will be open Monday through Friday from 8:30 a.m. until 8 p.m. On Saturdays and Sundays, the library will be open from 10 a.m. until 6 p.m.



**TOURNAMENT PLAY** — China Lake Little League's Minor Division Champion Pirates tackled the Kern River Valley Tigers in opening day play of the Tri-



## China Lake Police Reports

June 19 was not a good day for cars on the Center. One resident in the Site B Capehart housing reported to the police that his car was damaged by another vehicle while it was parked in the driveway of his residence. In another instance, one of the drivers of two vehicles that collided at the corner of Blandy Avenue and Hussey Road failed to yield to oncoming traffic, resulting in a collision that caused major damage to one of the vehicles.

Personnel in Warehouse 29 reported that several sheets of plywood are missing. Value of the missing items is \$1,191.44, making this a grand theft.

Subjects entered a restricted area without proper range control clearance. A breach of security report was filed on the incident.

A woman told police that her purse was stolen from a bench at the gymnasium. Value of the missing purse and its contents is \$20.

On June 20, three grand thefts were reported. In the first reported theft, 21 spools of electrical wire were reported as missing from Warehouse 14. Value of the missing wire is \$535.50. Both of the other reports dealt with cylinders of compressed gas missing from the metal storage shed by Bldg. 1081. In the first report, 6 cylinders were reported, with a value of \$882.90. The second reported 38 cylinders missing, for a value of \$1,670.86.

Three traffic accidents were reported late last week. In the first, the reporting party stated that a vehicle traveling south on Sandquist Road kicked up gravel, which struck her windshield and inflicted damage. A vehicle eastbound on Fourth Street in the CLPP area rounded a curve on Friday, and struck a vehicle parked on the side of the road. The amount of damage was not stated. On Saturday, a reporting party stated that an unknown vehicle struck one of the wooden braces on the sidewalk canopy at Bennington Plaza. Again, the amount of damage was not noted.

Two petty thefts were also reported on Friday. Unknown persons removed a stainless steel moneybox and its contents from a filing cabinet at the PW pipe shop. The box and contents were valued at \$65. A victim had an expensive swim at the Enlisted Mess pool. His wallet and contents were taken while he was in the water, for a loss of \$30.

While backing her vehicle in the area back of the Recreational Services Department's building, the driver failed to see the fire hydrant rail, struck the rail, resulting in minor damage to the vehicle.

Unknown persons entered an office at Hangar 3 and removed three circulating fans. The missing fans were valued at \$75, making this a petty theft.

A possible hit and run report was filed when the reporting party said that he noticed damage to the driver's door of his vehicle which was parked in the south parking lot of Hangar 3.

In another petty theft, unknown persons removed a microscope from a work area in Bldg. 20466. This missing microscope's value is \$185.

### Navv Hotline

for Fraud, Waste and Abuse  
Call: NWC ext. 3521  
or call the Inspector General at:  
(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 433-6743 (commercial)



OFF AND AWAY — Duane Powers and R. C. Penny lift off in the balloon that they use for international helium net balloon competition.

## Calif. DMV to issue new placards to permanently disabled persons

Starting July 1, 1985, all existing permanently disabled persons placards will be phased out as California DMV starts issuing new ones to persons who qualify for them, Department of Motor Vehicles Director George E. Meese announced today. By October 1, 1985, only the new placards will be legal.

A California Vehicle Code changed enacted last year authorizes DMV to set up a computerized roster which can quickly identify the placard owner. It also authorized DMV to give each eligible applicant a non-photo ID card with a number matching the one on the placard.

The new permanent DP placard is made of white heat-resistant plastic, the size of an automobile license plate, with a red border and wheelchair symbol. The lettering and placard number are black.

Persons with temporary disabilities may

## Intergraph Corp. to sponsor seminar on interactive graphics

NWC personnel have been invited to attend a series of seminars on interactive graphics systems at the Heritage Inn on July 6-9 sponsored by Intergraph Corp.

The seminars will include a demonstration of the firm's CAD/CAM/CAE system, covering a wide range of engineering disciplines.

Topics covered will include plant design, electronics design, technical publications, mechanical design and manufacturing and more.

For more information, call Richard Barclay, Jr., at (714) 863-9170.

## Balloon...

(Continued from Page 1)

calls for their knowledgeability in balloon handling as well as having at least one additional licensed balloon pilot working with him in the EMC/RF Systems Branch of the Electronic Warfare Department.

Powers notes that getting a balloonist's license tends to be slow for his group because of a combination of work load, funding, and weather constraints. Free flights in the hot air balloon are usually held at California City because of the restricted airspace in the Indian Wells Valley.

He competes in races on his own time and flies in balloons whenever he is able to do so, noting that his favorite fellow crew member when he flies in his own balloon is his young granddaughter, Amber, who is 7 years old.

Pat, Powers' wife, flies as passenger occasionally, but all three of their children, Jean, Don, and Candy Ward are interested in ballooning, and son Don, currently studying at the University of Texas, is close to achieving his balloonist's license.

## Environmental topics presented at next SAME meeting

Dr. Thomas J. McGill, head of NWC's Environmental Branch is the featured speaker at the next Tuesday's meeting of the Society of American Military Engineers (S.A.M.E.) programs such as air visibility, bighorn sheep, encroachment issues, geothermal, endangered species, hazardous waste, Indians and arrowheads, water quality, and wild horse/burro removal.

Each program will be briefly highlighted and accompanied by a slide presentation.

The luncheon meeting is scheduled for 11:30 at the Commissioned Officers' Mess in the Mojave Room. Interested individuals may contact LCdr. Jim Bullock at ext. 3411/449 for reservations or more information.

## VA interest rates on home mortgages drop to 11 1/2 percent

Home loan interest rates for a Veterans Administration loan have dropped to their lowest point in more than two years and now stand at 11 1/2 percent.

The change will lower monthly payments on an average VA loan of \$64,000 by about \$25 per month. The new rate will make the same loan \$100 less than it would have been at 14 percent rates in effect in August, 1984.

VA officials stressed, however, these lower rates will not affect existing loans, whose interest rates will remain same for the life of the loan.



BRIEFING — Vonnice Goss, the Program Coordinator, explains to members of the Kern County Chiefs of Police the history and significance of some of the missiles on display in the lobby of Michelson Laboratory, as China Lake Chief of Police Jim Brown (far right) watches. The organization, composed of the chiefs of various police departments throughout the county, met on board recently, a first time for the organization that has been in existence for 20 years.

## Back to sea again for Command Master Chief

After nearly three years of shore duty, it was time to get back to sea for TCMC Jesse McAllester. As Command Master Chief for the Naval Weapons Center since the summer of 1982, the 34-year Navy veteran had enjoyed his shore stay for a change, but couldn't pass up a chance to go back to sea.

Starting July 1 he will no longer be the top enlisted man at NWC; he'll be a master chief aboard the U.S.S. Horn, home-ported in San Diego.

While he is delighted to be back on a boat, the master chief had nothing but good words for his stay at NWC. During a farewell luncheon in his honor earlier this week he said he hated to leave China Lake.

As NWC Command Master Chief he had worked closely with many Center civilians over the years and said he had really enjoyed it, more so than any place else he had been.

Capt. J.W. Patterson, head, Aircraft Department, presented the master chief with a plaque from the department, noting it represented their appreciation for all "you've done for us in the Aircraft Department."

NWC Commander, Capt. K.A. Dickerson, who administered the oath of enlistment when Master Chief McAllester signed on for another four years, also presented a plaque. The Skipper noted it was on behalf of everyone at NWC that he presented both the plaque and a photo album to the outgoing Command Master Chief.

In brief remarks that followed the presentations in the Chief Petty Officers' Mess, TCMC McAllester noted he might go for the full 40 years of active duty if the board in Washington gave approval when the time came. And, added that if this happens and he is allowed a twilight tour, he'd ask to come back to China Lake and the Naval Weapons Center.



SPECIAL PRESENTATION — Capt. J. W. Patterson, Aircraft Department head, presents a plaque to TCMC Jesse McAllester, outgoing NWC Command Master Chief as Capt. K. A. Dickerson, NWC Commander,

looks on. The presentation was made at a farewell luncheon for Master Chief McAllester held on Tuesday. — Photo by PH2 Rick Moore

## Navy increases number of tapes on 'Retention Hotline'

WASHINGTON (NES)...The Navy added 50 new tapes to its "Retention and Information Hotline" toll-free telephone library,

bringing the number of recordings to 123.

The tapes, made for active duty, dependent and retired people, include subjects on

housing, medical, military and special assistance, retirement, training and assignment, and local area information.

People who live in the United States, Puerto Rico or the Virgin Islands can dial (800) FOR-NAVY to request a tape. The operator-assisted tape library is available 24 hours a day, seven days a week.

The following is a list of library tape numbers and subjects. New tapes are marked with an asterisk.

Education: No. 100, BOOST — Broadened Opportunity for Officer Service Selection and Training; 101, ECP — Enlisted Commissioning Program; 102, EEAP — Enlisted Education Advancement Program; 103, GI Bill Education Assistance Program; 104, NROTC — Naval Reserve Officer Training Corps; 105, Navy Campus; 106, U.S. Naval Academy; 107, VEAP; \*108, Tuition Assistance; \*109, Navy Scholarship Program; \*110, NAPS — Naval Academy Prep School; \*111, Naval Postgraduate School; \*112, CLEP/GED; \*113, MECP — Medical Enlisted Commissioning Program.

Housing: 200, Family Quarters; 201, House hunting temporary additional duty; 202, Housing referral offices; 203, Mobile home purchases and location; 204, Navy lodges; 205, Variable housing allowance and rent-plus housing allowance.

Local Area Information: 300, Charleston, S.C.; 301, Great Lakes Naval Base, Ill.; 302, Jacksonville, Fla.; area; 303, Norfolk, Va.; area; 304, Orlando Naval Training Center, Fla.; 305, San Diego area; 306, San Francisco Bay, Calif.; area; 307, Washington, D.C.; area; \*308, Pearl Harbor, Hawaii; area; \*309, New Orleans area; \*310, Washington State.

Medical: 400, CHAMPUS; 401, Death and burial of active duty members; 402, Dental care; 403, Emergency treatment; \*404, Health and Physical Readiness; \*405, Medical care for active duty and reservists; \*406, DEERS.

Military Assistance: 500, Chaplains; 501, Family ombudsman; 502, Legal assistance — general; 503, Legal assistance — power of attorney; 504, Legal assistance — wills.

Miscellaneous: 600, Basic benefits for active duty personnel and their dependents; 601, Commissary stores; 602, Correction of naval records; 603, Customs requirements; 604, Do-it-yourself moving program; 605, Funded emergency leave; 606, ID card application procedures; 607, Leave information; 608, Life insurance sponsored by the government; 609, MILCAP — Military Cash Awards Program; 610, Morale, welfare and recreation activities; 611, Navy exchanges; 612, Navy Sponsor Program; 613, OTIS — Overseas transfer information service; 614, Passports and visas; 615, Pay and allowances; 616, PCS travel plus shipment and storage of household goods; 617, Rapid news — contacting deployed spouse; 618, SRB — Selective Re-enlistment Bonus; 619, Space-available travel; 620, Veteran's benefits; \*621, Navy League/Sea Cadets; \*622, Locator service; \*623, Women in the Navy; \*624, BAQ for two; \*625, Frocking; \*626, Conflict of interest/Standards of conduct; \*627, Special/incentive pay; \*628, Augmentation/designator change policy; \*629, Navy Wives' Clubs; \*630, JOBS; \*631, Overseas screening requirements; \*632, Dependent care; \*633, Voting.

Retirement: 700, Death and burial of retired personnel; 701, Retired pay and disability pay; 702, Survivor benefit plan; \*703, General survivor benefits/information; \*704, Retired seminars; \*705, High-3 retirement.

Special Assistance: 800, American Red Cross; 801, Battered spouse/child abuse; 802, Family assistance; 803, Drug and alcohol abuse counseling; 804, Navy Family Service Center; 805, Navy Relief Society.

Training and assignments: 900, Commis-

(Continued on Page 7)

## Military News



SIGNS UP FOR ANOTHER FOUR — Mess Management Specialist Ricardo Puzon recently reenlisted for another tour of duty with the Navy. MS1 Puzon has spent the last year and a half of his seventeen and a half years in the service here in China Lake. Petty Officer Puzon, (middle) shown here preparing dinner at the Enlisted Dining Facility with MS3 Wayne Causey and MS3 Jamie Briggs, will be stationed here for at least one more year. — Photo by PH2 Rick Moore



## PERFORMANCE APPRAISAL SKILLS FOR SUPERVISORS (8 hours)

24 July, Wednesday, 0800-1600, Room 246 (226 old number), Cerro Coso Community College. By: Len Leritz and Associates, Inc.

Intended audience: Managers and supervisors who are responsible for performance evaluations and employee development.

Objectives: Evaluating employee performance and enhancing employee development is one of the most challenging jobs facing managers and supervisors. This 1-day seminar will provide the essential skills needed to analyze the real cause of performance problems, effectively coach and supervise employees, conduct performance interviews with different types of personalities, overcome internal blocks in giving feedback, help employees feel positively motivated to improve their performance, write measurable performance objectives, define performance standards, and listen more effectively.

Topics include defining performance standards, effective coaching (when is help helpful, constructive feedback, and problems versus conflicts); analyzing performance problems and targeting the real causes; planning and conducting the appraisal interview; writing performance objectives; and handling difficult people in the appraisal interview.

Deadline: 10 July.

## PERFORMANCE PLANNING AND ASSESSMENT FOR DEMO PROJECT PERSONNEL (3.5 hours)

10 July, Wednesday, 0800-1130, Cerro Coso Community College, Room 228 (315). By: Jerry Stein.

Intended Audience: NWC personnel who are new to the demonstration project.

Objective: Students will learn about the Demonstration Project's performance planning, monitoring, and assessment process. Students will learn to identify critical elements and use PACs to write a good performance plan. Additional course topics include an overview of the Demonstration Project and how it differs from the traditional Civil Service System, an explanation of the pay-out as it relates to performance ratings, and the latest changes in the Demonstration Project and how these changes affect NWC personnel. Students are asked to bring their PACs to class.

Deadline: 3 July.

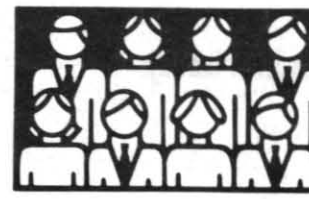
## PERFORMANCE PLANNING AND ASSESSMENT FOR JUNIOR PROFESSIONAL PERSONNEL (3.5 hours)

11 July, Thursday, 0800-1130, Cerro Coso Community College, Room 228 (315). By: Jerry Stein.

Objective: Students will learn about the Demonstration Project's performance planning, monitoring, and assessment process. Students will learn to identify critical elements and use PACs to write a good performance plan. Additional course topics include an overview of the Demonstration Project at NWC, an explanation of the pay-out as it relates to performance ratings, and the latest changes in the Demonstration Project and how these changes affect NWC personnel. Written performance plans for touring JPs will also be discussed.

Deadline: 3 July.

To enroll in these classes submit Training Request Form (NAVWPNCEN 12410/73) via department channels to Code 094.



# Personnel News & Notes

No. 19

Naval Weapons Center, China Lake, California 93555-6001

## Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. **APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledge/Skills/ Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

### No. 08-027, Computer Specialist/Analyst/Programmer, DS-334-1, Code 084

Incumbent provides support in all areas of data processing within Code 08. These duties include: analyzes technical computer system requests and performs feasibility studies; presents documented study finding, alternative solutions, and recommendations; performs systems design including data gathering and system specifications; develops application programs, tests, and document plans; and implements new applications or conversions to new systems. **Job Elements:** Knowledge of data processing functions; ability to learn programming languages as Cobol; communicate in writing and communicate orally. Promotion potential to DP-3. Status eligibles may apply.

**No. 14-111, Engineering Tech, DT-802-1/2/3, Code 1421** — This position serves as the Center's focal point for defining facilities requirements for a Centerwide data communications network supporting the Center's Corporate computer/data needs. The incumbent will work closely with all other departments on Center to determine requirements and with Public Works Department to develop and recommend equipment and facilities standards for communication systems. The incumbent will be responsible for developing a plan and generating proposals minor construction efforts installation of the communication system and the power sources for it. **Job Relevant Criteria:** Knowledge of facilities planning and acquisition processes; ability to plan, manage, and coordinate a centerwide effort. Ability to interact effectively with a variety of technical personnel in resolution of conflicting requirements. Ability to communicate effectively in writing.

Promotion potential to the DS-3. Status Eligibles may apply.

**No. 24-140, Security Assistant, DA-080-1, Code 24321** — Incumbent will provide support to the Classification Management Section of the Safety and Security Department. Duties include originating correspondence relating to contract security and classification management matters. Reviews all classified contract files and is responsible for the accuracy of all office logs and tickler files. Analyzes foreign release requests for appropriate action. Provides guidance to other center personnel on proper procedures for handling and transmitting classified material. Acts as Custody Control Point. **Job Elements:** 1) Knowledge of Navy, NWC classified material handling procedures. 2) Knowledge of basic laws and U.S., and Agency policy in the classification management and industrial security field. 3) Skill in interfacing with all levels of personnel. 4) Skill in written communication. 5) Skill in oral communications. Promotion potential: Security Specialist DA-080-2. Previous applicants need not reapply.

**No. 24-139, Clerk-Typist, GS-322-4, Code 24321** — This position is a "bridge-position" which provides qualifying experience to allow the individual to develop a career field as a Security Specialist. Incumbent participates in a career development program to learn: (a) information security, (b) classification management, (c) industrial security, (d) foreign disclosure and release, and (e) public release. Candidates will be rated on the following criteria: (1) ability to learn DoD information security requirements, (2) ability to learn security regulation and procedures, (3) ability to learn administrative and basic acquisition policies, (4) ability to interface effectively

at all levels within the organization, (5) ability to conduct inspections/investigations and gather data from various sources, and (6) ability to express self in writing. Applicants are required to submit a supplemental statement sheet which describes how their background experience relates to each of the KSA elements described above. Promotion potential Security Specialist, DA-080-2. Previous applicants need not reapply.

**No. 25-072, Lead Purchasing Agent, GS-1105-6/7, Code 2522** — Responsible for providing training and guidance to Purchasing Agents in the section, and insuring that proper policies and procedures are utilized. Incumbent assists management in planning assignments, improving work flow and service rendered, promoting job satisfaction and increasing productivity. Incumbent functions as a contracting officer and ordering officer, is expected to be forward-thinking and service-oriented in exercising all responsibilities. **Elements:** Knowledge: DoD and NWC Small purchase policies and procedures; negotiation techniques; methods and requirement for price analysis. **Ability:** to deal effectively with personnel at all levels of work without close supervision; lead a work group. Skill in utilizing a computer terminal and management information system is desirable. Promotion potential to GS-07.

**No. 26-176, Laborer Leader, WL-3502-3, Code 26416** — Temporary not to exceed one year. **Supplemental Required.** Serves as work leader for the road crew. **Elements:** Knowledge: of the trade; pertinent materials; pertinent tools and equipment. **Ability:** to act as a group leader; to interpret instructions, specifications, etc.

**No. 31-176, Supervisory General/Electronics Engineer/Physicist/Mathematician, Computer Scientist, DP-801/855/1310/1520/1550-3, Code 31931** — As section head is responsible for coordinating a multi-disciplined staff which provides tactical system design, algorithm development, functional analysis, tactical software design, system and software testing, and implementation of various airborne computers for the A-4/AV-8B project. **Elements:** Knowledge of avionics, operational software development, digital computer simulation, system engineering process; ability to conduct detailed technical planning, coordinate and negotiate with sponsors and contractors. Ability to support NWC EEO policies and goals. Knowledge of NWC personnel policies and procedures. Promotion potential DP-3. Previous applicants need not reapply.

**No. 31-181, Computer Specialist, DS-334-1, Code 3108** — The incumbent participates in a career development program to learn (a) DoD, Navy Center and Department standards and policies pertaining to software/systems/product assurance, (b) principles and practices of data and configuration management for software-vases systems, (c) quality assurance techniques for software bases systems, and (d) principles and practices of systematic structures computer software development. Candidates will be rated on the following criteria: (1) ability to learn and follow standards, instructions and procedures pertaining to software product assurance. (2) Knowledge of the Aircraft Weapons Integration Department organization and product line. (3) Ability to communicate and work effectively with people throughout the organization. (4) Ability to learn and employ video display terminals for computer entry and manipulation of text and data. Applicants are required to submit a supplemental statement sheet which describes how their background experience related to each of the rating criteria listed above. Promotion potential to Computer Specialist DS-334-3.

**No. 35-069, Supervisory Interdisciplinary**

(Electronics Engineer/Computer Scientist, Physicist, Mathematician, Computer Specialist), DP-855/1550/1310/1520/334-3, Code 3554 — Serves as head of Digital Interface Section, Instrumentation Engineering Branch. Responsibilities include analyzing and defining the interface requirements between EWTES threat and reference radar systems and the real time digital computer system, formulating interface standards, designing and developing a micro computer based system using a combination of commercial off-the-shelf and customized hardware and software and then installing the interface on all existing and planned EWTES radars. **KSAs:** Knowledge of computer to computer interfacing techniques and data transmission protocol and standards; knowledge of micro computer systems hardware and systems software; ability to program; ability to technically direct and lead a multi-disciplined group of S&Es and technicians; ability to communicate orally and in writing; ability to develop interface systems. Must be willing to support EEO objectives. Promotion Potential: DP-3.

**No. 35-070, Supervisory Interdisciplinary (Computer Scientist, Electronics Engineer, Physicist, Mathematician, Computer Specialist), DP-1550/855/1310/1520/334-3, Code 3554** — Serves as head of Computing Section, Instrumentation Engineering Branch. Responsibilities include analyzing and defining EWTES real-time instrumentation, simulation, and administrative computing requirements. Operates, maintains, and enhances existing computing systems, software, and documentation. **KSAs:** Knowledge of computer systems hardware and software, operations, and maintenance procedures; knowledge of ADP contract acquisition and administration policy and procedures; ability to technically direct and lead a multi-disciplined group of S&Es and technicians; ability to communicate orally and in writing; ability to manage a computing facility; willingness to support EEO objectives.

**No. 36-258, Clerk-Typist, GS-322-3/4, Code 3604** — Incumbent performs normal clerical duties for the Sidewinder Program Staff. Duties include typing letters, memoranda, travel orders, travel itineraries, transmittals, purchase orders, etc.; receiving and directing visitors and incoming phone calls; preparation of timecards, and arranging travel. **Elements:** Knowledge: of filing systems and files management; of the IBM Displaywriter desirable. **Ability:** to perform receptionist and telephone duties; to review, control, screen, and distribute incoming mail; to review outgoing correspondence; to plan and coordinate travel arrangements; to maintain and coordinate supervisor's calendar and arrange conferences. Promotion potential to GS-4. Status eligibles may apply. Previous applicants need not apply.

**No. D-39-057, Procurement Assistant, GS-1106-4/5/6, Code 3902** — This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies, equipment and services for the programs in the Weapons Department. This involves providing contracting and stub requisition advice, expediting of requisitions, stub follow up and interface with Supply personnel. **KSAs:** Knowledge of NWC Supply System procedures; knowledge of acquisition procedures and regulatory requirements associated with sole source, ADPE, Test Equipment Management Systems (TEMS), Defense Industrial Plant Equipment and foreign purchases; ability to interface with personnel at all levels. Promotion potential to GS-6, but not guaranteed.

## Recent additions

CODE	NAME	TITLE
0033	Vick, Patricia S.	Writer
092	Freow, Felicia N.	Clerk-Typist
09803	Braun, Cherry N.	Computer Asst.
1421	Mooney, John M.	Electronics Engr.
1421	Zink, Ronald O.	Student Trainee (Elect.)
1422	Hilde, Mark D.	Student Trainee (Comp.)
1432	Gustavson, George B.	Computer Spec.
2522	Duffield, Susan G.	Clerk-Typist
2522	Leonguerrero, Josephine	Clerk-Typist
25244	Sizemore, Paige S.	Clerk-Typist
2632	Wood, Frank W.	Archaeologist
2632	Woodman, Alan P.	Biological Scientist
26402	Fortney, Jeanette D.	Clerk-Typist
26435	Singleton, Donald S.	Industrial EQ Mechanic
26446	Converse, Richard P.	Electrician
26446	Powell, Richard A.	Electrician
26446	Smith, Larry J.	Electrician
32	Walsky, Gloria S.	Clerk-Typist
3263	Andersen, Todd M.	Mechanical Engr.
3266	York, Stephen P.	Chemist
3272	Browne, Thomas E.	Chemical Engr.
3272	Wiles, Cecil L.	Machinist
3311	Rotert, Catherine M.	Physicist
33304	Vechione, William J.	Electronics Engr.
3333	Moreno, Elaine	Student Trainee (Elex.)
3381	Bernard, Mark A.	Computer Clerk
3384	Mills, Russell L.	Aerospace Engr.
3436	Blowers, Brenda M.	Clerk-Typist
3502	McAlester, Janice A.	Clerk-Typist
3551	Moore, Richard A.	Computer Programmer
3604	Osborn, Richard K.	Physicist
3625	Gerber, Robert L.	Electronics Engr.
3651	Segler, Tammy L.	Clerk-Typist
3681	Richardson, Melissa D.	Clerk-Typist
3891	Powers, Joseph M.	Mechanical Engr.
3918	Feist, Barney F.	Mechanical Engr.
3925	Martin, William H.	Computer Scientist
3941	Marcus, Michelle A.	Engrg. Tech.
61204	Coffland, Robert J.	Qual. Assurance Spec.
62117	Manning, James A.	Ordnance Equip. Mech. He.
641	Kasher, Anthony D.	Engrg. Tech.
64301	Johnson, Eve A.	Engrg. Data Mgt. Spec.

## Recent departures

02A22	Wilkinson, Margaret A.	Computer Spec.
084	Ludwig, David M.	Computer Spec.
12	Fisher, Roger E.	Physicist
123	Richert, Theodore D. J.	Student Trainee (Comp.)
2603	Joyal, Laurel A.	Clerk-Typist
26446	Garcia, Samuel E.	Electrician
269	Spanner, Connie S.	Secretary (Typing)
3155	Backstrom, William C.	Physicist
3314	Burkholder, Linda M.	Fiscal & Acquis Service
3333	Santana, Henry E.	Electronics Engr.
3656	Shipley, Karyn L.	Editorial Asst.
3657	Weaver, John P.	Engrg. Aid
6412	Daniels, Theron A.	Aerospace Engr.

## JP Career Guidance Program has variety of information

The purpose of the JP Career Guidance and Counseling Program is to provide new professionals with information about themselves that will help them plan their careers at NWC. The JP careers guidance and counseling program includes 8 hours of tests and a feedback session with a professional counselor. Some questions to be answered during this program are:

Do you now have essentially technical or managerial (or both) capabilities? What are your prospects for future development?

How can you use your creativity? Should you emphasize research or applications?

What are your major values and priorities for personal and career development?

What are your major strengths and weaknesses in dealing with others?

With what size group would you work best?

What additional training (technical, academic, or other) do you need for further development?

The next testing will be held August 6 and 7, 7:30 - 11:30 a.m. at the Training Center Annex. Counseling sessions will be held at a later date. If you want to be included in the August testing, contact Kit Driscoll, ext. 2648.

NOTE: Test results and any related information are kept confidential.

## Hours change for Code 094

During our temporary relocation and during the summer months, there will be the following changes in the Human Resources Development Division (Code 094) staff hours starting July 1.

1) The self-study Learning Center (PLATO, Computer-aided instruction, Action Code, etc. in the north end of building 95) will be open for business from 6 a.m. to 5:30 p.m. Monday through Friday (x2451). (Arrangements for use of the Center other hours can be made by contacting the Learning Center staff.) Consultation regarding computer education is available from 8:30 a.m. to 5:30 p.m. (x2548).

2) The staff supporting the following program areas, also located in the Chapel Annex, Building 95, will be available from 6:30 a.m. to 3:30 p.m. Monday through Friday: Professional/Technical (x2359), Supervisory/Management/Executive (x2349), Long Term Training (x2349), New Employee Orientation (x2686), EEO (x2686), General Skills (x2686), Clerical (x2686).

3) Hours for the Academic Program Area (x2648, x2648), Trades Training (x2648), and the Division office (x2675), all located in building 2330 - the white trailer - will remain 7:30 a.m. to 4:30 p.m.

## CSN advisor visits July 12

Dr. Joseph Prabhaker of Cal-State University Northridge will be on Center Friday, July 12, to advise current and prospective students in the external degree programs offered by the school. Cal-State University Northridge has external degree programs in electrical engineering and mechanical engineering at NWC which lead to a master's degree. Those who wish to see Dr. Prabhaker are asked to make an appointment by telephoning Kit Driscoll at NWC ext. 2648.

## Cerro Coso Changes hours for class

"CS49 Assemblers," a Cerro Coso Community College class, will meet for three weeks starting on July 15 each Monday, Tuesday and Wednesday from 5 to 7 p.m.

The class had formerly been scheduled from 11:30 a.m. until 1 p.m. on Monday, Tuesday, Wednesday and Thursday.



(General/Aerospace/Electronics Engineer, Physicist), DP-801/861/855/1310-2/3, Code 35062 — Supports technical management of AGM-88A High Speed Anti-Radiation Missile (HARM) Testing and Evaluation. Schedules and details planning of HARM weapon system operation/performance on several aircraft. Supports Navy, Air Force, and contractors in planning and conducting of HARM Development and Operational testing. Provides test ranges with overall test requirements, test plans, target scenarios and monitoring to assure that test will meet firing schedules. Uses knowledge of DOD systems acquisition process and manufacturing and production in interfacing with contractors and program sponsor as well as various diverse organizations, both on- and off-Center. Uses knowledge of test and evaluation of guided missiles and of aircraft systems and instrumentation. To apply for this position, forward an updated SF-171 to Dave Janiec, Code 3506B, extension 2951.

No. D-39-050, Electronic Engineer, DP-855-3, Code 3925 — This position is in the RPV Technology Branch. The incumbent will serve as the QF-4 Full Scale Aircraft Target Project Engineer and provide project engineering support to other Branch Technology projects in the areas of Robotics, Artificial Intelligence, Autonomous RPV's and Formation control of aerial targets. Knowledge of advanced microprocessor hardware and software system design and digital feedback control systems and digital signal processing is desirable. Ability to plan, schedule, and coordinate efforts of a small group of individuals on complex technical efforts involving prototype technology demonstrations, developmental testing, and product assurance is also desirable. Send copy of current SF-171 to Jay Bornfleth, Code 3925.

No. 36-262, Interdisciplinary General/Mechanical/Electrical/Electronics/

Aerospace/Industrial Engineer, DP-801/830/850/855/861/896-3, Code 36602 — Incumbent will act as the production program engineer/manager for assigned program; will coordinate the efforts of various NWC organizational units, including design engineering, quality, reliability, soldering and documentation; and will maintain close liaison with technical management elements of NWC, NAVAIR, and prime contractors. Broad-based technical knowledge of production and system/subsystem acquisition processes; working knowledge of Quality Assurance, Reliability, System Safety, Integrated Logistics Support and Documentation, as well as ability to communicate effectively with all levels, both orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. Willingness to travel, sometimes extensively. Promotion potential to DP-3. Submit current SF-171 to George Barker, Code 36602.

No. 62-010, Electronic Engineer, DP-855-3, Code 6204 — This position is located in the Range Department, Special Projects Office. The incumbent is responsible for the scientific and engineering aspects of NWC's two radar cross section measurement ranges, including but not limited to the following: validation and monitoring of range performance, design of test fixtures, calibration and special purposes test targets, system design of expansion, improvement and modernization projects. The incumbent is directly responsible to the range manager. **Job Relevant Criteria:** Knowledge of the principles of radars and radar measurements. Knowledge of computers and digital systems is desirable. Incumbent works a "first forty" week. Forward SF-171 to Hans Pieper, Code 6204, X6422.

## Secretarial opportunities

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

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; and Department Secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 26-175, Secretary (Typing), GS-318-5, Code 263 — This is a temporary position not to exceed one year. It may become permanent. Position provides secretarial support to head, Engineering Division.

No. 32-181, Secretary (Typing), GS-318-4/5, Code 325 — Incumbent provides secretarial support to the head, Process Systems Division. Promotion potential to GS-5.

No. D-39-048, Secretary (Typing), GS-318-3/4/5, Code 3923 — Provides secretarial support to the head, Tomahawk Software

Support Branch. Promotion potential to GS-5.

No. 61-053, Secretary (Typing), GS-318-4/5, Code 614 — This position is located in the Ordnance Division of the Aircraft Department. The duties include: (1) control of classified documents for the division; (2) operation of the central mail file services of the division; (3) provides clerical, typing, and other support services for the Ordnance Division and Branches. If filled at the GS-4 level, promotion potential to the GS-5 level, but not guaranteed.



## personnel development opportunity

### INTRODUCTION TO SUPERVISION (35 hours)

15-19 July, Monday-Friday, 0800-1600, Cerro Coso City Center, Room 107. By: Donna Eller Jones, Office of Personnel Management.

**Objectives:** This course is for first-level supervisors needing training in basic supervisory ideas. It provides students with fundamental grounding in practical modern concepts of supervision. It is organized into four management functions — planning, organizing, directing, and controlling. When students complete this course they should be able to (1) perform major supervisory duties and responsibilities better, (2) use varied leadership methods in a government setting, (3) implement federal personnel management policies and regulations, (4) apply modern employee motivational concepts, (5) use staff resources effectively, and (6) formulate training and development plans.

Deadline: 28 June.

### COMPUTER AIDED ENGINEERING (CAE) TRAINING COURSES

The following CAE classes are scheduled to be presented at NWC in the July-September time frame.

#### 2-D BASIC ENGINEERING GRAPHICS (40 hours)

15, 17, 19, 23, 25 July; 0730-1630; Trailer 1410.

**Scope:** Students will be taught the basic hardware and software concepts of the CAEDOS system. The basic methods used to produce models and drawings will be demonstrated.

Deadline: 1 July.

#### 2-D BASIC ENGINEERING GRAPHICS (40 hours)

16, 18, 22, 24, 26 July; 0730-1630; Trailer 1410.

**Scope:** Students will be taught the basic hardware and software concepts of the CAEDOS system. The basic methods used to produce models and drawings will be demonstrated.

Deadline: 2 July.

#### TIME MANAGEMENT (8 hours)

17 July, Wednesday, 0800-1700, Cerro Coso City Center, Room 101 (#9). By: V. Slywka.

**Scope:** Since you can't truly change time, this seminar will tell you how you can change yourself, what you do, and how efficiently you do it. Ultimately, time management is self management. This one-day workshop brings together dozens of practical ideas for you to use to become more efficient on the job. Students are asked to bring their calendars and/or work schedules with them.

Deadline: 3 July.

#### USING LOTUS 1-2-3 (20 hours)

15-19 July, Monday — Friday, 0730-1130, Cerro Coso Community College, Room 122. By: Clay Withrow.

**Prerequisite:** Computer literacy or prior experience using microcomputers.

**Intended audience:** Beginning users of Lotus 1-2-3.

**Scope:** This lecture and hands-on workshop will teach students how to use all major commands and function keys to build a complete worksheet model and how to create a data base by applying the sorting, selecting, and other capabilities of Lotus 1-2-3. Students will work with both text and numerical data.

**Note:** This course is presented on Rainbow computers using MS-DOS. Skills are transferable to IBM machines using PC-DOS.

Deadline: 3 July.

#### FILES IMPROVEMENT AND RECORDS DISPOSITION

23-25 July, Tuesday-Thursday, 0800-1130, Cerro Coso Community College. By: Pam Rivera.

**Objective:** To help record keepers understand and apply basic rules related to filing.

**Scope:** Topics covered are eliminating needless filing; cross-referencing; indexing; using filing aids (color codes, labels, file guides, recommended file folders); microfilming; identification of record material; disposal of records; and use of the federal records centers for storage. The use of the Navy Standard Subject Identification Codes will be discussed.

Deadline: 9 July.

No. 62-031, Engineering Technician, DT-802A/1, Code 6221 — This position is located in the Air Operations Branch, Range Operations Division, Range Department. The incumbent functions as an air controller during the conduct of RDT&E flight tests and works in a fluid real-time environment which requires the precise positioning of test aircraft on predetermined flight trajectories. **Job Relevant Criteria:** Knowledge of geometric functions; knowledge of Lambert and geodetic grids and interpolation of magnetic, grid, and true headings; and knowledge of ordnance that is to be expended, location of instrumentation and its capabilities on the ranges. Status eligibles may apply.

No. 621-044, Engineering Technician, DT-802-2, Code 62131 — This position is located in the Calibration and Maintenance Section, Instrumentation Branch, Ordnance Test and Evaluation Division, Range Dept. The incumbent will provide direct technical support in the calibration, design, fabrication, and modification of measurement systems, originate and develop special test setups and procedures, develop devices to facilitate the testing process, perform work requiring the use of very specialized test equipment, plan/conduct laboratory and field tests, be responsible for accurate analysis and reporting data. **Job Relevant Criteria:** Knowledge of calibration principles and techniques, ability to calibrate, repair, maintain and troubleshoot electronic, mechanical, pneumatic and hydraulic process control systems. Ability to develop and interpret schematic and engineering drawings. Ability to calibrate, repair, and evaluate transducers under laboratory and field conditions using standard practices and techniques. Promotion potential DT-3.

No. 621-051, Electronics Worker, WG-2604-8, Code 6213 — This position is located in the Instrumentation Branch, Ordnance Test and Evaluation Division of the Range Department. The incumbent is responsible for the installation, modification, maintenance, test, and repair of the following systems; closed circuit television systems, data acquisition systems intercom communication systems, instrumentations systems and digital control systems. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly; installation and repair; use of test equipment; theory of electronics ability to use hand and power tools; and troubleshooting. Position has promotion potential to WG-10. Supplemental Qualification Statement required.

No. 621-054, Instrument Worker, WG-3359-8, Code 6213 — This position is located in the Instrumentations Branch, Ordnance Test and Evaluation Division of the Range Department. The incumbent assists journeymen Instrument Mechanics in the maintenance, installation and repair of industrial, electronic, pneumatic, hydraulic and mechanical process controller, recorders, and monitors. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of assembly, repair, installation, etc. of instruments; theory and instruments, trade practices; blueprints specifications; etc.; tools and equipment of the trade; and troubleshooting. Position has promotion potential to WG-11. Supplemental Experience Statement required. Status eligibles may apply.

No. 64-090, Clerk Typist, GS-322-3/4, Code 6412 — This position is located in the Fleet Support Branch, Recovery Systems Division of the Center's Aerosystems Department. The incumbent provides clerical support to the members of the Branch. **Job Relevant Criteria:** Ability to use DEC Rainbow or IBM Displaywriter; ability to prepare messages. Status eligibles may apply. Promotion potential to the GS-4.

No. 64-105, Computer Engineering Technician, DT-802-A/1, Code 6421, (Multiple Vacancies) — Located in the Recovery Systems Instrumentation Branch, Telemetry Test/Engineering Division, Aerosystems Department. The incumbent is responsible for initiating production pro-

grams and runstreams; entering data and making routine file backups; maintaining computer hardware; processing data and providing plots and reports on laser, radar, metric, video and telemetry data. **Job Relevant Criteria:** Ability to operate a DEC VMS system and its associated peripheral equipment (printers, plotters, tape decks, etc.), including the ability to maintain computer hardware; knowledge of Fortran; ability to communicate well in writing. Promotion potential to the DT-3. Status eligibles may apply.

No. 64-100, Fabric Worker, WG-3105-7, Code 64321 — This is a part-time position (32 hours per week). The incumbent manufactures, modifies, and repairs various types of standard and experimental aerodynamic decelerators, containers, harnesses, cargo, missile, and satellite recovery systems, and accessory and peripheral equipment. Under supervision of a journeyman fabric worker, the incumbent prepares materials, performs basting, fabricates components, fabricates canopy panel sections, etc., using a variety of blueprints and sketches to accomplish the work. **Job Elements:** Ability to do the work of the position without more than normal supervision; ability to interpret instruction, drawings, and blueprints; measurement and layout; ability to maintain and use tools and equipment; knowledge of equipment assembly installation, and repair; technical practices; knowledge of materials. Promotion potential to WG-9. Status eligibles may apply.

No. 33-023, Administrative Officer, DA-341-1/2/3, Code 33302 — This position is located in the Phoenix Ordnance Components Technical Office, Fuze and Sensors Department. As the Phoenix Business Manager, the incumbent will manage all program administrative duties. The technical office is responsible for the direction and coordination of all technical aspects of the Phoenix Ordnance Development and production programs under cognizance of the NAVWPNGEN. **Job Elements:** Ability to manage the financial support for a complex weapons development/production program; knowledge of financial management and program management; ability to communicate both orally and in writing; knowledge of program office operation and management goals; and ability to perform independently. Status eligibles may apply. If filled at the DA-1 or DA-2 level, promotion potential is to the DA-3 level, but not guaranteed.

No. D-34-028, Administrative Officer, Head of Staff, DA/DP-341-3, Code 3402 — This position is head of staff of the Technical Information Department. The incumbent provides administrative and resource management support and consultation to the department head and eight division-level managers, and personnel management support of employees. Primary duties include directing a staff in providing budget planning and management, organizational analysis, safety and security programs, space and equipment planning and acquisition for administrative purposes, and maintaining a functional contact with other departments on Center. **Job Relevant Criteria:** Knowledge of Center-wide administration processes; to include planning and managing a G&A budget, knowledge of the personnel processes, facilities and space management; ability to communicate effectively orally and in writing; ability to implement and administer management policies, demonstrating initiative and originality in dealing with administrative problems. Status eligibles may apply.

No. 35-047, Interdisciplinary (Engineering/Electrical Engineering/Computer Engineering/Electronics Technician), DT-802/856-3, Code 3511 — This position is for a digital systems technician to head the further development of the HARM SSSF hardware and software. The incumbent will be responsible for project definition, planning, and implementation. Tasks include improving automation and validation of the digital software test system. Approach will be drawn from branch, Center, and industry experience. This branch supports this effort with state-of-the-art software

and hardware planning, development, measuring, configuration management, and documentation computer hardware and software tools. **KSAs:** Knowledge of digital hardware design and hardware/software integration; technical planning; realtime software facilities. Ability to plan digital system technology tasks with multi-disciplinary staff; present plans to on and off-Center sponsors. Previous applicants need not reapply.

No. 36-260, Administrative Officer, DA-341-2/3, Code 36081 — Incumbent provides full staff and management support to the Program Office and the Manufacturing Facility including personnel advice and services, planning a budget, manpower and financial management, contract administration and general administration. **Elements:** Knowledge of administrative policies and procedures. Ability to prioritize; to assemble and organize facts for use in reports and presentations; to communicate both orally and in writing. Promotion potential to DA-3.

No. D-39-053, Supervisory Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-3/4, Code 3954 — This position is head, Radio Frequency Systems Branch, Radio Frequency Division, Weapons Department. The branch is responsible for RF systems for air-launched weapons. The incumbent's primary duties and responsibilities will be predominantly technical in nature. The primary focus of time is devoted to directing and actively participating in the technical tasks of the personnel being supervised. The remaining duties will be directed toward administrative matters and personnel management. **KSAs:** A background in transmitters, receivers, signal processing and RF guidance systems is desired; knowledge of RF systems and subsystems, radar seekers and electronic counter-countermeasures techniques; ability to interface with and make presentations to NWC management and sponsors; ability to communicate well, both orally

and in writing; ability to deal effectively with people; understanding of NWC personnel policies and procedures; support of NWC EEO policies and goals. Promotion potential to DP-4, however, promotion is not guaranteed. Reassignment at the DP-4 level only.

No. D-39-056, Office Services Clerk, GS-303-4/5, Code 3908 — Incumbent will provide office services in the Sparrow Program Office. Duties will include the following: Provide aid to the Administrative Officer in the fiscal control system of the program, distribute cost data, coordinate periodic and special reports and maintain financial files. **Job Relevant Criteria:** Familiarity with Center cost printouts, ability to communicate orally and in writing; ability to deal effectively with people, willingness to exercise initiative. Promotion potential to GS-6.

No. 61-054, Interdisciplinary, Supervisory, Mechanical/General/Electronics/Aerospace Engineer, DP-830/801/855/861-3/4, Code 613 — This position is head, Engineering Support Division of the Aircraft Department, Test and Evaluation Directorate. The primary functions of the division are (1) central point of contact for coordination of the production and logistics support to the Full Scale Aerial (FSAT) programs assigned, (2) provide engineering and technical services in support of aircraft modifications and instrumentation, (3) overall planning and administration of the Integrated Target Control System (ITCS). **Job Elements:** Knowledge of air weapons systems and requirements for test and support, knowledge of reliability and safety requirements, knowledge of configuration management; ability to manage an organization, ability to work effectively with senior management; knowledge of Affirmative Action Principles including a willingness to implement EEO practices and knowledge of program/project management requirements in a production environment. Promotion potential to the DP-4 is dependent upon performance and the desires of management.

## Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 14-031, Interdisciplinary (General/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-1/2/3, Two Vacancies — This position is in the Personal Computer Resources Section of the User Support Branch, Code 1411. Incumbent will provide hardware/software support and consultation to customers. Support will include, but is not limited to: helping customers select optimum PC hardware/software, instructing in use of hardware/software, analyzing customer PC problems and recommending appropriate solutions. **Job Relevant Criteria:** Experience with personal computer hardware/software, (especially IBM PC/Clones, Macintosh and Hewlett Packard), understanding of PC operating systems and communication techniques, familiarity with peripherals and interfaces, ability to listen carefully, express thoughts effectively and work as part of a team. To apply for this position, send an updated SF-171 to Chuck Jones, X2885, Code 1411.

No. 35-066R, Interdisciplinary (Electronics/Aeronautical/Mechanical/General Engineer, Physicist), DP-855/861/830/801/1310-2/3, Code 35063 — Provides data analysis and assessment for HARM ground and flight test development. Reviews, evaluates, and analyzes all components of the HARM weapon system including missile, avionics, and associated aircraft and electronic warfare subsystems.

Specific on-going programs include integration on new aircraft platforms and integration with new electronic warfare equipment as well as block changes to the HARM missile and avionics. Uses knowledge of aircraft, avionics and missile systems, anti-radiation missiles, and tactical embedded computer systems in carrying out responsibilities. To apply for this position forward an updated SF-171 to Dave Janiec, Code 3506B, extension 2951.

No. 35-068R, Interdisciplinary (Electronics/Aeronautical/Mechanical/General Engineer, Physicist), DP-855/861/830/801/1310-2/3, Code 35063 — Acts as HARM Aircraft/EW Integration Engineer, managing and coordinating the initial and block improvement integration of the AGM-88A HARM missile system with various Navy aircraft and their associated on-board avionics suites. Plans, schedules, and budgets systems engineering, and coordinates technical government and contractor support for the integration efforts through system deployment in the fleet. Incumbent uses knowledge of tactical air launched weapon systems and aircraft, systems engineering, anti-radiation missiles, and tactical embedded computer systems in carrying out responsibilities. To apply for this position, forward an updated SF-171 to Dave Janiec, Code 3506B, extension 2951.

No. 35-067R, Interdisciplinary