

**Community Events**



REHEARSING FOR SHOW — Among the models who will appear in the WACOM fashion shows scheduled April 7 are Sue Moulton, Maureen Toftner and Linda Thomas. — Photo by PH2 Rick Moore

**Fashion show on April 7**

Fashions will highlight the day and evening both on Tuesday, April 7, when the Women's Auxiliary of the Commissioned Officers' Mess will hold its annual spring fashion show. New this year is that one showing will be held for WACOM members at their regular mid-day meeting and a second showing will be open to the public at the Commissioned Officers' Mess at 7:30 that evening.

A \$4 donation is asked for tickets for the evening presentation; tickets can be obtained at Buttons & Bows, McNeil's, Main Street, The Fashion Outlet and The Pinafore Shoppe in Ridgecrest and at the COM Office on board the Center.

Pat Bonner, chairman of the show's committee, says that although the theme is "Safari Connection," there will be a variety of women's styles and fashions for women of all sizes from petite to the new, exciting full-figure fashions.

Stores participating include The Fashion Outlet, J.C. Penney's, Main Street, McNeil's, The Pinafore Shoppe and Todd's Mountaineer. Sweater fashions from Vincenzina's will also be shown, as will custom creations by individuals.

Jan Tsubakihara will serve as commentator, with Liz Marquez responsible for music. Makeup is by Lani Misner, consultant for Mary Kay Cosmetics.

**Lecture set**

"Cave Paintings of Baja California" is the topic of a free slide illustrated presentation scheduled for 7:30 p.m., Tuesday evening, March 31, in the Sylvia Winslow Gallery of the Maturango Museum. Janet Westbrook will present her talk using the experiences and slides from her three trips through the mountain ranges of Baja.

Westbrook's talk is one of a number of presentations made available by the Maturango Museum as part of its lecture series. The public is welcome to attend.



	Max	Min	Peak Gust	Precip
Fri.	62	28	14 knots	-
Sat.	53	41	26 knots	trace
Sun.	67	40	18 knots	-
Mon.	69	33	21 knots	-
Tues.	63	44	27 knots	trace
Wed.	68	46	34 knots	-
Thurs.	77	39	-	-

All measurements are made at Armatage Airfield.

**Hold April 4 open**

**Open swap meet slated**

More publicity, a larger pool of prospective buyers and lots of parking are just a few of the benefits the Recreational Services Department's Swap Meet next Saturday (April 4) offers to sellers. This is a chance to get rid of the winter's accumulation of unwanted (or unneeded) items. Sellers can make a nice profit while providing some income to the Youth Activities Branch with this gigantic one-day sale. Pre-registration is no longer needed. Just show up at Bennington Plaza's parking lot and pay the small fee. Active duty and retired military personnel pay \$2.25 for a 10 x 10 parking space while DOD employees pay \$2.50 and private citizens pay \$3. Tables may be rented for \$3 each. The sales day begins at 8 a.m.

Any profits by Recreational Services Department will benefit the Youth Activities Branch, making it possible to keep youth program fees at a minimum.

By making this one giant parking lot sale, traffic in the housing area can be reduced and buyers can find a large assortment of goods on sale in one easy location.

For additional information on the swap meet call NWC ext. 2010. The next two sales can make or break the program according to Recreational Services Department officials. They hope for a large turnout of sellers and buyers to make this a success.

**Scholarship to be offered**

BOSS (Black Original Social Society) is accepting applications from graduating Indian Wells Valley high school students, college students or vocational school students for its annual scholarship award.

Application forms can be obtained from Burroughs High School at 113 Felaper and Mesquite High School, 140 W. Drummond,

Tonight's the night for the creative auction, with fun, fabulous prizes and a great dinner as well to reward all those attending.

Since the theme is western (and western dress is appropriate for everyone who'd like to get toggled up in jeans, etc.), there'll be the Wild West Bar Can-Can Girls to handle some of the entertainment.

Such Wild West characters as Gerry Hucek, Bud Biery, Paul Homer, Fred Lentz, Doug Henry and Mike Kelly will serve as auctioneers for the creative range of goods and services to be auctioned off to eager bidders. The money goes to scholarships for dependents of active duty or retired military, so it's in a good cause.

A social hour will open the evening from 5 to 6 p.m., with a dinner of either "burn your own steak" for \$7.95 or a red snapper dinner for \$7.95 or a chef salad for \$5.

Door prizes include such goodies as a trip to Las Vegas, just to keep the evening as intriguing as it will be entertaining.

This annual event is sponsored by the Military Officers' Wives Club at the Commissioned Officers' Mess.

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"Rasputin," a locally written and produced musical, has its closing performances tonight and tomorrow at 7:30 p.m. at the Burroughs High School lecture center.

General admission is \$6.50; students, military enlisted and senior citizens will be admitted for \$4.50. Tickets can be purchased in advance at a number of Ridgecrest businesses as well as at the box office before each performance.

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Today is the last day to make reservations for a talk to be given Monday by Kern County Sheriff John Smith on, "Effective Law Enforcement: Needs and Resources — Where's the Balance?"

The open meeting of the American Society for Public Administration at which Sheriff Smith will talk will be held at Rossi's Restaurant at the Heritage Inn in Ridgecrest starting at 11:30 a.m. on Monday. Cost of the lunch, including tax and tip, is \$6.50. Reservations can be made by telephoning NWC ext. 3354 today.

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The China Lake Photographic Society meets Thursday, April 2 at 7:30 p.m. in the China Lake Art Center, located at the corner of Blandy and Lauritsen Streets. Gladys Merrick will show a series of her slides related to the forthcoming Palm Sunday. Her program is entitled "Lines From Jobs."

In addition there will be a Photo Society of America program entitled "Posterization" — an instructional series of black-and-white and color slides.

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"Happy Days," a 1950's style Sock Hop and picnic will be held at Kern Regional Desert Park in Ridgecrest tomorrow from 10 a.m. until 12:30 p.m. as a benefit for the three Scovel children (aged 1, 2 and 8) who were orphaned earlier this year when their parents were killed in a local traffic accident. The benefit is sponsored by radio station KZIQ, the Ridgecrest Police Department, Kern County and NWC Fire Departments and the Kern and San Bernardino County Sheriff's Departments.

There'll be live 50's music by Siva and Frost, a 1950's costume contest, old hot rod cars and fun and games. Food and soft drinks have been donated by Albertson's, Safeway, Farris' Restaurant and Wonder Bread.

**Sale held**

Today from 9 a.m. to 8 p.m. and tomorrow from 10 a.m. to 4 p.m., a big pre-inventory sale is being held at the Craft/Hobby Center.

Shoppers will save 20 percent on all resale items and 50 percent on some selected items. More information can be obtained by telephoning NWC ext. 3252.

**Movies**

FRIDAY, SATURDAY	MARCH 27, 28
"FOREIGN BODY" Starring Victor Banerjee and Warren Mitchell (Comedy Adventure, rated PG-13, 112 min.)	
SUNDAY	MARCH 29
"MYSTERY MANSION" Starring Dallas McKennon and Greg Wynne (Suspense Drama, rated PG, 120 min.)	
MONDAY	MARCH 30
"POLICE ACADEMY 3: BACK IN TRAINING" Starring Steve Guttenberg and Bubba Smith (Comedy, rated PG, 84 min.)	
WEDNESDAY	APRIL 1
"NAME OF THE ROSE" Starring Sean Connery and F. Murray Abraham (Mystery, rated R, 129 min.)	
FRIDAY	APRIL 3
"HEARTBREAK RIDGE" Starring Clint Eastwood and Marsha Mason (Action/Adventure, rated R, 130 min.)	

Starting Time: Evening 7 pm

GI ALL AGES ADMITTED  
General Audiences  
IPGI ALL AGES ADMITTED  
Parental Guidance Suggested  
IRI RESTRICTED  
Under 17 Requires Accompanying Parent or Adult Guardian

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FROM \_\_\_\_\_ PLACE STAMP HERE

TO \_\_\_\_\_

**Teamwork instrumental as four win TD Award**

Teamwork in the development of training capability potentially afforded fleet pilots resulted in the Technical Director's Award being presented to Karl D. Stickel, Robert E. Sutton, Kevin J. Switzer and Lonnie W. Hobson, all from the Advanced Technology Branch of the Electronic Warfare Department.

The group jointly contributed in the development of the multiple ordnance aircraft TACTS (tactical aircrew combat training system) interface system — MOATIS.

MOATIS consists of hardware necessary to sample data being passed to various ordnance, encode the data at the weapon station, pass it over the fuse line, convert to 1553B (bus) format and pass to the airborne instrumentation subsystem pod for

transmission to a ground site.

Weapons that may be sampled by MOATIS for training exercises are HARM, Shrike and Sidewinder; in addition MOATIS allows for a simulation of dropping bombs without actually doing so and monitoring signal discretes to sense dispensing of chaff and flares.

Gerry Schiefer, NWC Technical Director, commented as he presented the awards, that we had contributed to TACTS upgrade over quite a period of years, but that the work of this group was especially significant in that MOATIS allowed training for a number of weapons from this one configuration.

The letter of nomination, submitted by Paul Homer while he was head of the Electronic Warfare Department, says that the

success in the demonstration of the MOATIS capability is due to the efforts of Stickel as project engineer, Sutton as hardware design engineer, Switzer as software design engineer and Hobson in the role of electronics technician.

They combined in investigating the data words of the various weaponry, investigating the various launchers of the aircraft involved, investigating the fuse lines of the aircraft and understanding the data bus format for transfer to the pod. Stickel and Sutton arrived at a functional design for MOATIS to meet the requirements and designed the necessary hardware. Switzer handled the software design on a very tight deadline. Hobson conducted the electronic assembly, packaging and checkout. His ability to work independently

and with ingenuity is credited with being a key factor in the timely success of the MOATIS demonstration flight test.

Stickel holds a bachelor's degree in electronic engineering from Montana State University. He has been at NWC since April 1979.

Sutton, who holds a bachelor's degree in electronic engineering from Washington State University, has been at China Lake since July 1982. He was not present to receive his award because he is currently on an NWC fellowship.

Switzer, who has a bachelor's degree in electronic engineering from the University of Kansas has been on board since June 1983.

Hobson, an electronics technician, has been a China Laker since December 1983.



EFFORTS REWARDED — Capt. John Burt and Gerry Schiefer join with (l. to r.) Lonnie W. Hobson, Karl D. Stickel and Kevin Switzer, who have just received a Technical Director's Award for their work with the

multiple ordnance aircraft TACTS interface system. Not present for the picture was the fourth member of the MOATIS team, Robert E. Sutton who is on an NWC fellowship.

**Earthquakes are subject of radio chat**

April has been declared earthquake preparedness month for California. This month was chosen because the great San Francisco earthquake occurred on April 18, 1906.

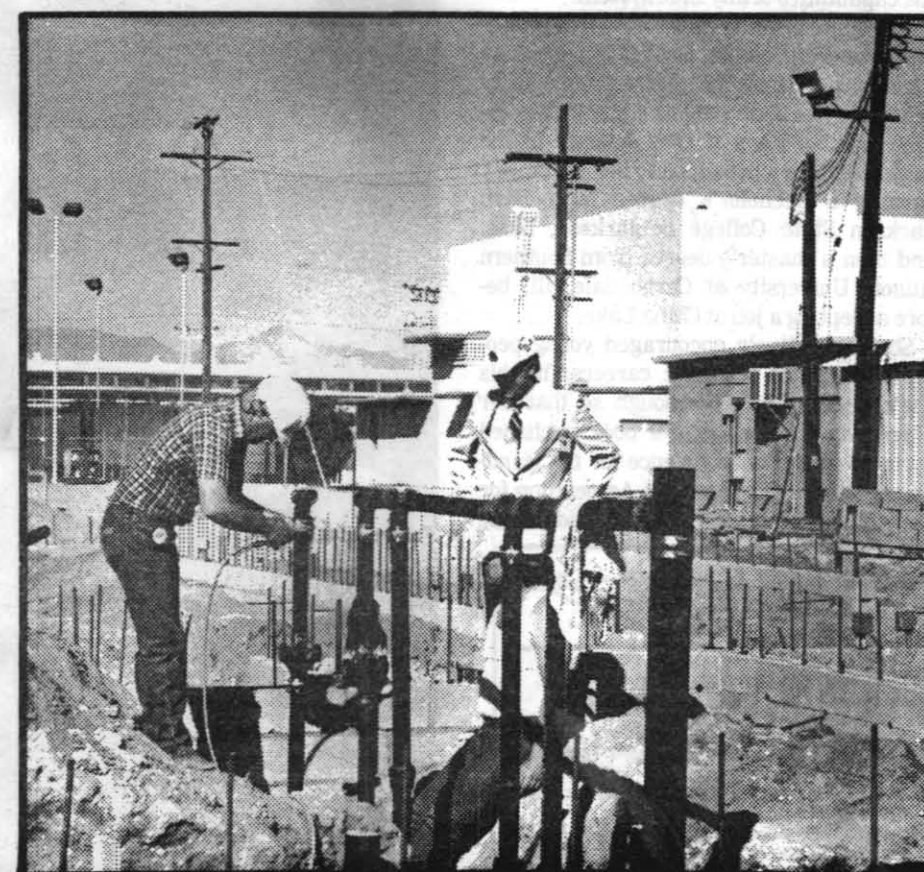
Since the local area could well suffer a damaging earthquake, Radio Station KLOA will conduct a series of three programs next week on disaster preparedness in the Indian Wells Valley. The programs will be aired at 8:15 a.m. Tuesday through Thursday.

On Tuesday, March 31, the emphasis will be on personal preparedness.

How can the average family prepare for a quake and why does a family need to make preparations here will be discussed by Dick Millis, NWC Disaster Preparedness and Crisis Management Officer, and Mickey Strang.

Wednesday officials of the Kern County Fire Department, Ridgecrest Police Department, and NWC Fire Division will

(Continued on Page 2)



CONSTRUCTION PROGRESS — Jim Bowen, NWC's Deputy Support Director, checks the progress of the new youth center now under construction near Hall Memorial Lanes. The new facility is expected to be ready for use by the Recreational Department later this fiscal year. — Photo by Jan Silbergberg

**Library: Heavy use has small staff busy**

With 92 percent of the Center's 942 military personnel, 2,200 civilian DOD and contractor personnel and 144 retired military and their dependents registered to use the Center library, it's no surprise that 57,000 books were checked out last year in addition to all the materials used in the library itself. Since the library has only 39,500 volumes on its shelves, that's a very large circulation.

Heavy use is also made of the 90 periodicals to which the library subscribes, including newspapers and the more than 1,300 record albums that can be checked out.

Last year 350 groups, mainly of young people, also visited the library. These were such groups as Girl Scouts and Boy Scouts and children from the Children's Center.

Library facilities are in use by Literacy Council and the high school's One-on-One program and are also used by a counselor who serves NWC personnel.

Currently, the library is open from 11 a.m. until 8 p.m. five days a week, which keeps librarian Elizabeth Shantleer and her staff of Connie Hall-Moore, a part-time permanent employee and two temporary personnel busy.

In addition to helping book-borrowers, they provide reference assistance to patrons who need to locate elusive quotations or other data both for their jobs on the Center and for their off-duty pursuits.

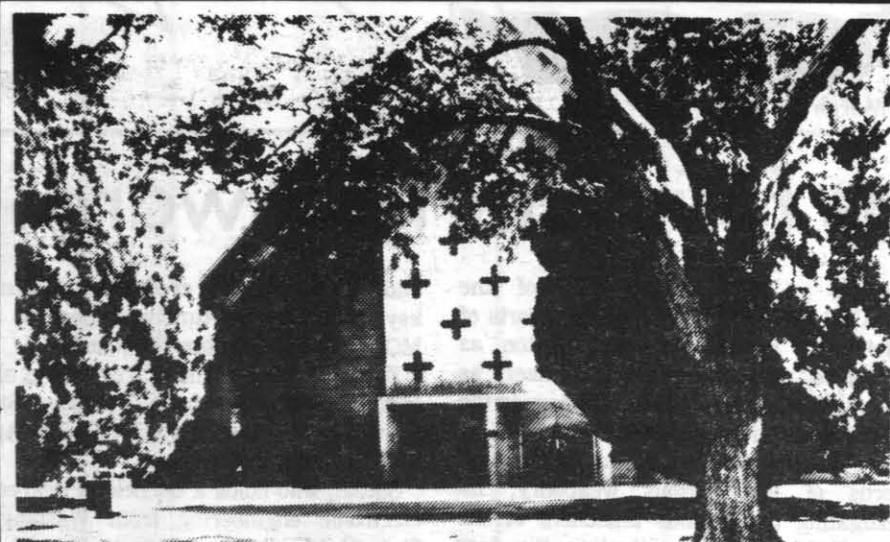
They also need to handle the variety of house-keeping chores such as processing in new books and other materials. Last year about 2,000 books were added to the collection, of which 400 were gifts from patrons.

Gifts from patrons have been especially welcome in these times of tight finances. What the library can always use is new fiction and books about current events, in addition to recent reference materials.

In some communities a "Friends of the Library" group has been formed to help with raising funds for such materials and to provide volunteer assistance to library personnel with various programs, such as volunteers are used by museums like the Maturango Museum. Efforts are underway to form such a group here at China Lake. Anyone interested should contact the library.

(Continued on Page 3)





## Divine Services

**PROTESTANT**  
**SUNDAY WORSHIP SERVICE** 10:30 a.m.  
**SUNDAY SCHOOL** (Annexes 1, 2, 4, and the East Wing) 9 a.m.  
**BIBLE STUDY** (East Wing)

Wednesday 11:30 a.m. Sept. through June  
 Thursday 7:00 p.m. Officer's Christian Fellowship  
 Christian Military Fellowship  
**ROMAN CATHOLIC**

**SUNDAY MASS** 9:00 a.m.  
**CONFESSIONS** (Sunday) 8:15-8:45 a.m.  
**COMMUNION SERVICE** (Monday) 11:35 a.m.  
**DAILY MASS** (Tuesday through Friday) 11:35 a.m.  
**CONFESSIONS** (Friday) 4:30-5:00 p.m.  
**RELIGIOUS EDUCATION CLASSES** (Sunday) Sept. to May 10:30 a.m.

**JEWISH**  
**WEEKLY SERVICES** (Friday, East Wing) 7:30 p.m.  
**ADULT EDUCATION** (Saturday, Annex 4) 9 a.m.  
**RELIGIOUS SCHOOL** (Sunday, Annex 4) 1 p.m.

Chaplain J. Milton Collins, Capt. CHC USN  
 Chaplain A. J. Smith, Cdr. CHC USN  
 Chaplain C. R. Breda, Lt. i/c CHC USNR  
 Hearing-impaired equipment available. Nursery available.  
 Phone NWC ext. 3506, 2773

## Health Fair Expo set

Free health screenings and an inexpensive blood test showing more than 20 factors will be offered at the eighth annual Health Fair Expo on Saturday, April 4 from 9 a.m. to 6 p.m. at the Ridgecrest Community Hospital and Drummond Medical Group in Ridgecrest.

Purpose of Health Fair Expo is the early detection of abnormalities and promotion of health awareness.

Free services and screenings will be offered for height, weight, blood pressure, anemia, vision and health counseling. The blood screening costs \$12.

Those who plan to attend are asked to telephone to make an appointment to avoid congestion and ensure a steady traffic flow.

Appointments can be made by telephoning Claire Gilbertson at the Volunteer Center, 375-9662 on Tuesday or Thursday between 9 a.m. and 5 p.m. or Wednesday from 9 a.m. to 1 p.m.

More than 100 volunteers will be needed to assist on the day of Health Fair Expo. Those wishing to volunteer (or to learn more about volunteering) are asked to telephone either the Ridgecrest Community Hospital at 446-3551 or the Drummond Medical Group at 446-4571.

Health Fair Expo is sponsored by the Ridgecrest Community Hospital, Drummond Medical Group and the Exchange Clubs of Ridgecrest.

## Chapel plans training

Tomorrow Sunday School teachers, pastors, Child Evangelists and others interested in teacher training for Christian workers are invited to attend a free one-day workshop at the All Faith Chapel.

Preparation, discipline, organizing materials and object lessons. There will be a question and answer session.

The session starts with registration at 9:20 a.m. at the All Faith Chapel and is expected to last until about 2 in the afternoon.

Lunch will be a potluck. Those attending are asked to bring a salad or a desert or sandwiches to share. Drinks and table service will be provided.

No pre-registration is necessary.

Carol Bury and Mary Eason from Child Evangelism will present help in teaching in this field. They will discuss teaching about Easter and preschooler help. In addition, they will conduct workshops on lesson

## IWVARC seeks members

Seeking members is the Indian Wells Valley Association for Retarded Citizens. Memberships, at \$10 for an individual, \$15 for a family and \$25 for an organization are all tax deductible.

The ARC works in this community and throughout the nation to improve opportunities for children and adults with mental retardation and to improve conditions for their families.

Since the government is preparing to make massive budget cuts in government programs to reduce the federal deficit, programs such as special education, developmental disability and vocational rehabilitation are threatened. The ARC is especially important at this time to assist those who are unable to help themselves.

For further information or to join the IWVARC, either write or telephone IWVARC, 216 North Gold Canyon Drive, Ridgecrest, CA 93555, 375-9787.

## Rock art unrivaled by the modern world

Deep in the recesses of the Naval Weapons Center lie thousands of clear visual reminders of an ancient people who lived and hunted in the high desert hundreds, if not thousands of years ago.

In the isolated canyons of the Coso Mountain Range are the petroglyphs, rock drawings that may tell a story about the people who left them in this remote desert environment.

No one knows for sure who left these drawings. No one is certain just what the many drawings mean or why they were done.

Expert opinions vary widely about why they were done. Were they made for ceremonial purposes? Were they made for telling stories to pass along the mythology of their makers? Or, are they records of hunting hopes or successes?

The petroglyphs are pecked, engraved and chiseled into the desert varnish or patina that forms on volcanic rocks with time and weathering.

This rock art is important to the cultural heritage of the Center and the nation. Because of that, Little Petroglyph Canon was added to the National Register of Historic Places. Everything in the canon is fully protected by federal and state laws, as well as NWC regulations. This

includes the petroglyphs, any tools and obsidian chips.

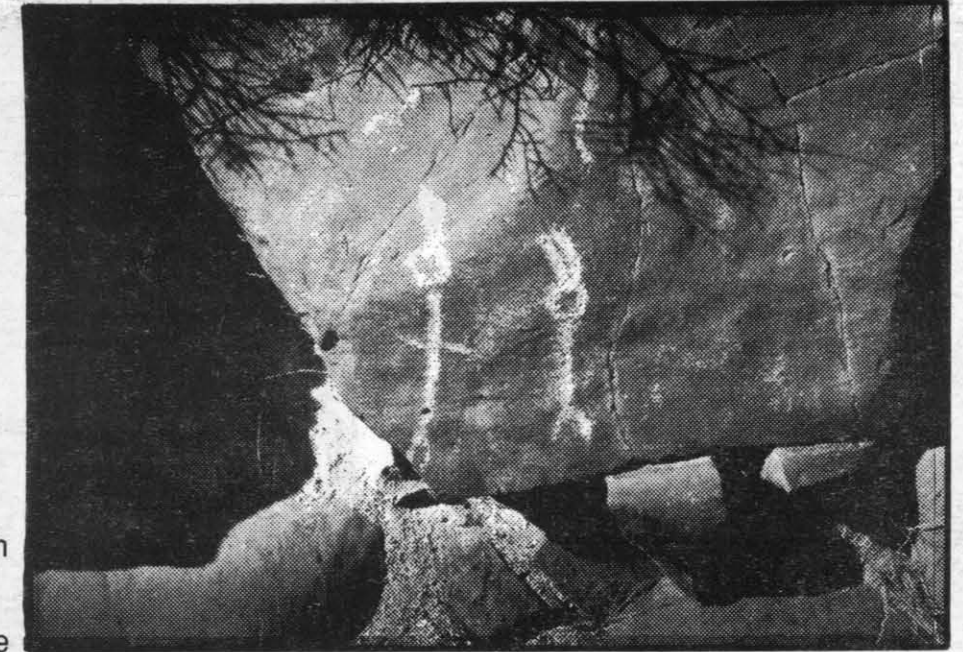
Examples of the rock art found in the canyon include hunters with throwing sticks or bows and arrows, mountain lions, bighorn sheep, birds, coyotes and other animals. A rare design near the entrance to the canyon shows two human figures shooting at each other with bows and arrows.

The petroglyphs area is more than 5,000 feet in elevation and visitors find it cooler there than on the floor of the Indian Wells Valley. Visitors will walk along the canyon floor for about three miles if they are going to see all the major displays of rock art.

Trips to the petroglyphs are permitted only on a non-interference basis with respect to the Center mission. The Maturango Museum in Ridgecrest schedules trips to the canyon some weekends and holidays if no tests are scheduled and weather permits.

Controlled access to NWC ranges for the past 40 years has provided more protection for this rock art, native vegetation and wildlife than in other places.

As the saying goes. Visitors are asked to take nothing by photographs and leave nothing but footprints.



## Quake preparedness . . .

(Continued from Page 1)  
 talk about their response to an area-wide earthquake.

Thursday Bruce Auld from the Sierra Sands Unified School District, Jim Smith from the Kerr McGee Corporation and a

local businessman will discuss what would happen in the community of Ridgecrest and Trona if a major earthquake should occur during the working day.

## June Rooks likes new opportunities offered

"I feel that I've had a unique opportunity to grow, thanks to being at NWC where it's possible to switch from one position — and sometimes even one field of work — to another without having to leave the Center.

"In the past I worked mainly with a single weapon system, but now I'm learning about many," says June Rooks, an Operations Research Analyst in the Weapons Planning Group.

She had spent most of the time since she came on board in 1979 in the Aircraft Weapons Integration Department out at Hangar 3 before moving to her current position in September 1985.

"Working in the hangar was a really good learning experience," she adds, "because I had the opportunity to talk to a lot of pilots about aircraft and weapons."

This information is of great use in her current work because she's establishing a Blue Data Base Collection — compiling the characteristics and capabilities of United States weapons systems ("Blue refers to U.S. systems in military parlance).

Much of the work that she has been doing, she says, is with the Shrike Electronic Warfare Simulator (SEWS) group in Code 35 and Code 12's Weapons and Tactics Analysis Center (WEPTAC). "But," Ms. Rooks adds, "I hope to be a resource for any Center employee who needs to know the capabilities of any Blue system."

The opportunity to learn has always been very important to Ms. Rooks. In her native Vicksburg, Mississippi, she began the study of physics because she says she had to really work to learn it. The interest in the subject that developed led to her eventually earning a bachelor's degree in it from Jackson State College in Jackson, Miss. and then a master's degree from Southern Illinois University at Carbondale, Ill. before accepting a job at China Lake.

She has actively encouraged young people to consider scientific careers; in this she's been successful enough so that her biography is included in a book published by the Foundation of Science for the Handicapped since the American Association for the Advancement of Science considers her

an exceptional role model for young people.

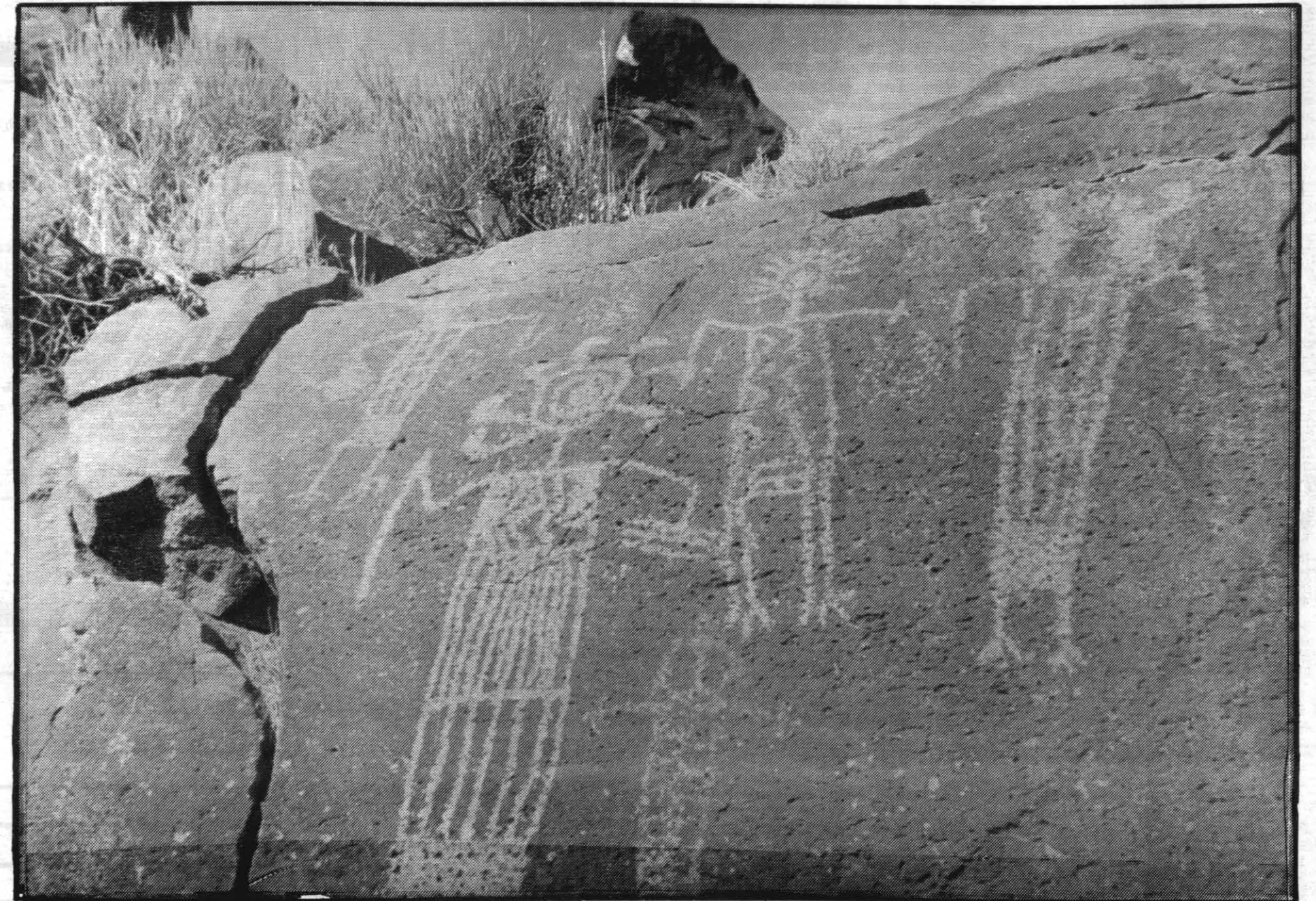
Her own handicap, resulting from contracting poliomyelitis, has not slowed her down. She swims regularly and drives her own specially equipped car.

"And I've also developed an interest in

politics," Ms. Rooks notes. "I'm doing a lot of reading about politics, especially about Washington events. The results of politics have such an effect on all of us, especially those of us working for the government," she added.



**FASCINATED BY JOB** — June Rooks says a unique benefit of working for NWC is the ability to switch from one field of work to another and to continue learning new skills. — Photo by PH2 Rick Moore



## NWC Rocketeer

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# Wind and cold weather slows soccer beginning

Despite the wind, cold and rain NWC's Youth Soccer began play last week. Youth Soccer will continue until the end of May.

**Roughnecks 5, Whitecaps 1**  
Superb team play and great defense from Ryan Webb and Ben Friedman won the day for the Roughnecks. Jonathon Rae kicked in two points and Aaron Schwartz knocked in a point with a penalty kick. Sean Williams with an assist from Steve Lewis, and Eric Armstrong, with an assist from Williams each scored a point in the win. Despite being a few players short, the Whitecaps provided good plays from Tom Guane, Elliott Borden and the lone goal by Steven Sticht.

**Diplomats 2, Tornados 1**  
Hugh Montes with the help of Natalie Noel scored the first goal for the Diplomats. Kenny Carr, assisted by Howard Gamble, tied the score in the first half for the Tornados. In spite of some good plays by Todd Redmond and Joseph Battaglia, the Tornados couldn't break the tie. In the last second of the game, Noel scored the winning goal for the Diplomats.

**Sounders 1, Kicks 0**  
Defensive plays by Mike Ogren, Thomas Foisy and Jerry Green prevented the Sounders from making more than one point. Matthew Bullock played great defense for the Sounders and Jamie Scholl played great offense. Beau Arnold, assisted by Stephen Yoo, scored the only goal.

**Whitecaps 1, Fury 0**  
Good defense by Ralph Jorgenson and Ashly Fortune prevented the Fury from scoring. Tommy Watt and Dean Barnette both made good attempts at the Whitecaps' defense, but to no avail.

**Rowdies 1, Eagles 0**  
Leading the Rowdies on defense and holding the Eagles scoreless were Kate George, Peter Greedy and Crystal Covey. Keving Cornett, striking after a long drive, scored the only goal of the game for the Rowdies. Nicholas Ford and Meg Frisbee handled the ball well for the Eagles. Andrew Benson blocked several drives and Jonathan Ford made several saves as goalie in the loss.

**Aztecs 0, Lancers 0**  
Good play by Joe Mechtenburg, good moves from John Huttmacher and a great defense from goalies Tony Dominguez and Neil Covington prevented the Lancers from scoring. Good play by the Lancers prevented the Aztecs from scoring.

**Express 0, Apollos 0**  
Great plays by both teams prevented a

score. Jason Lint and Todd Downs threatened the Apollos by their aggressive behavior. Jason Bainbridge, Express' goalie, blocked some strong shots by the Apollos. Matt, Chris and Gary made strong plays for the Apollos.

**Strikers 2, Timbers 0**  
Good passing and dribbling by the offense and a defense made the Strikers victorious. Andy Grabowski and Renee Armstrong knocked in the winning goals. A good try for a goal for the Timbers was made by Nathan Arnold. Defensive play by Traci Thornberry and two stops at goal by Owen proved the Timbers a good team to watch.

**Owls 3, Coyotes 1**  
Plays were marked by a lot of hustle and great kicks on both sides in this exciting game. A early lead was taken by the Owls with a goal made by David Rollinson. Behrang Goodarzirad and Cheryl Wiegert made the other two goals. Anastasia Wunderlick and James Ferguson played a great defense while Blake Harden defended the goal for the Coyotes. Justin Martin made the Coyotes' lone goal.

**Sockers 3, Drillers 2**  
Ryan Lilly booted in two goals while Greg Greedy knocked in one goal for the Sockers. Good defense for the Sockers was provided by John Hopeck and Christopher Disdier. Chris Patten and Mark Castillo each kicked in a goal and David Prince provided some great defensive plays for the Drillers.

**Roadrunners 2, Cobras 1**  
Matthew Armstrong made the first goal of the game for the Cobras. Then Roadrunners' defense went to work, holding the Cobras scoreless for the remainder of the game; while Salvador Ramirez scored two goals, with an assist from Kurt Katzenstein in the second half for the Roadrunners. Good play was provided by Scott Giroux, Joshua Kirkpatrick and Timothy Best for the Cobras.

**Whitecaps 1, Rogues 0**  
Super play by goal keeper Chris Marshall prevented the Rogues from scoring. Aaron Crook booted in the only goal for the Whitecaps. The Rogues didn't turn in a score sheet.

**Stings 1, Earthquakes 0**  
Half-time showed a score of 0-0 in this evenly matched game. Just a few minutes before the end of the last half Akini Garrett, assisted by Michael Koelsch, knocked in the tie-breaker for the Stings. The Earthquakes didn't turn in a score sheet.



## Sports

### Triathlon training time

NWC's Recreational Services Department's Youth Activities Branch is joining the Ridgecrest Recreation Department in sponsoring the Junior Olympics next month and the Youth Mini-Triathlon in early May. To prepare young athletes for this competition schedule, conditioning events will be held on Saturday, April 4.

Interested athletes from six to 17 years of age are urged to take advantage of this training opportunity.

From 9 a.m. to 9:45 a.m. biking entrants will be at Murray Junior High. From 10 a.m. to 10:45 a.m. swimming will be at the NWC indoor pool. No advance registration is required, but there will be a \$2 per person, per event fee charged the day of the training.

For more information call the Information, Ticket and Tour Office at NWC ext. 2010 or the Ridgecrest Recreation Office at 375-1522.

### OTHTC event scheduled

Tomorrow's Orienteering Run sponsored by the Over-The-Hill Track Club is a test of the ability of entrants to read a map and, once they know where they are going, the quickest way to get there using their own skills.

The four- to five-mile course is a cross-country adventure with several different ways to reach the eight bench marks. Runners get a chance to use special skills such as bouldering and hill running if they want to get there quicker.

Each entrant will be provided with a map showing the bench marks, paper and pencil to write down the station number and a special symbol to show they made all eight bench marks. There will be two water stops along the course.

Oh yes, organizers will sweep the course for lost or wandering entrants after the race.

For additional information, or to volunteer to help with the race, call Glenn Roquemore at 375-2073 or Dave Rugg at 375-2191.

### Tennis tournament set

The China Lake Tennis Club is sponsoring a Fun Mixed-Up Doubles Tournament on Saturday, April 4 from 10 a.m. to 3 p.m. at the base courts. The event is open to all.

A \$3 entry fee (payable at the courts) will be used to cover the costs of tennis balls and prizes.



**SOCCKER TIME** — The beginning of spring at the Naval Weapons Center has brought the start of the 1987 spring Youth Soccer League sponsored by the Recreational Services Department's Youth Activities Branch. Teams in four divisions will play Saturday mornings for the next two months. — Photo by Steve Boster

## Sporting reports around the Naval Weapons Center

NWC's Sports Branch is considering an open league summer basketball season to start in June of this year. Any basketball players interested in participating in such a league are asked to stop at the NWC Gym so they can be included on a list of interested athletes.

For additional information on this planned summer hoop loop, call the Sports Office at NWC ext. 2334.

For only a \$5 entry fee, some good prizes will be available to NWC's top pool players. Sponsored by the Enlisted Mess, the double elimination tournament is scheduled for 6 p.m. Friday, April 3. All entry fees become part of the prize fund. Table fees will be paid by the Enlisted Mess. For additional information call RMZ DeChamplain at NWC ext. 3043 or June Thomas at 446-4696. A sign-up sheet is now available at the Enlisted Mess.

Three teams remain unbeaten in NWC Intramural Volleyball League play after two weeks of action; all three boast 4-0 records.

In the "A" Division, GBU and the Ball Busters are sharing the lead. Over in the "B" Division, the Rocketeers are undefeated at this early stage of the season.

Several teams in each division are sporting 3-1 records and others are at 2-1. Only nine of the 26 teams are losing records at this point. One team, the Network squad in the "B" Division has dropped from league competition.

Intramural volleyball games are played in the Center Gym Monday through Thursday nights, with acting getting underway each night starting at 6 p.m.

Due to a mistake in reporting a score, the final standings in the "B" Division Intramural Basketball have been changed to show Texas Instruments and Desert Motors as co-champions for the 1987 season with identical 9-3 records.



## The Skipper Sez...

### QUESTION

**Civilian employee** -- I have a membership for the gymnasium and each year the rates keep getting raised and raised, which isn't bad; but since they have been doing this, it seems like everything needs to be fixed or replaced. Now that I have a large membership they have just taken out four shower heads, which leaves six shower heads for I don't know how many members during noon time and there are quite a few machines not working properly, or broken. We are told when we asked about them that Public Works is working on them or parts are on order. When they keep asking for more money and more money, you like to see the things operating properly, or at least working. The locker room, a lot of the time, is dirty and smelly; there are people in there sweating, but it smells more like urine than sweat. Both of the weight scales, which we use frequently -- daily as a matter of fact on a weight program -- are not working properly. Both of them are off, both of them are broken. I was wondering if you could look into it and see if we could get extended use and not have to pay for it this coming September, a refund, or get things fixed. We would greatly appreciate it.

### ANSWER

The gymnasium has had problems with one tree of shower heads since last August. The problem was submitted to Public Works at that time but due to MILSUP funding limitations, the repair of the broken showers had to be postponed until the new fiscal year.

Beginning in October, Public Works initiated action and ordered the parts. The parts had to be special ordered by the only company that manufactured that type of shower components; the parts are a specialty item and are only manufactured following a special order. The parts have finally come in and have been installed.

As a result of your inquiring, the scales were checked and do operate, but weigh light. New scales have been ordered.

The dressing/shower area is cleaned daily but with over 250 persons per day using the facility, certain amounts of debris and odor do accumulate in such a confined area. The recreation aides at the gymnasium have been directed to inspect the area at least twice a day to remove debris. The main cause of odor is that many patrons often fail to flush the urinals and toilets. Signs are being posted as a corrective measure. All patrons are asked to help solve this problem.

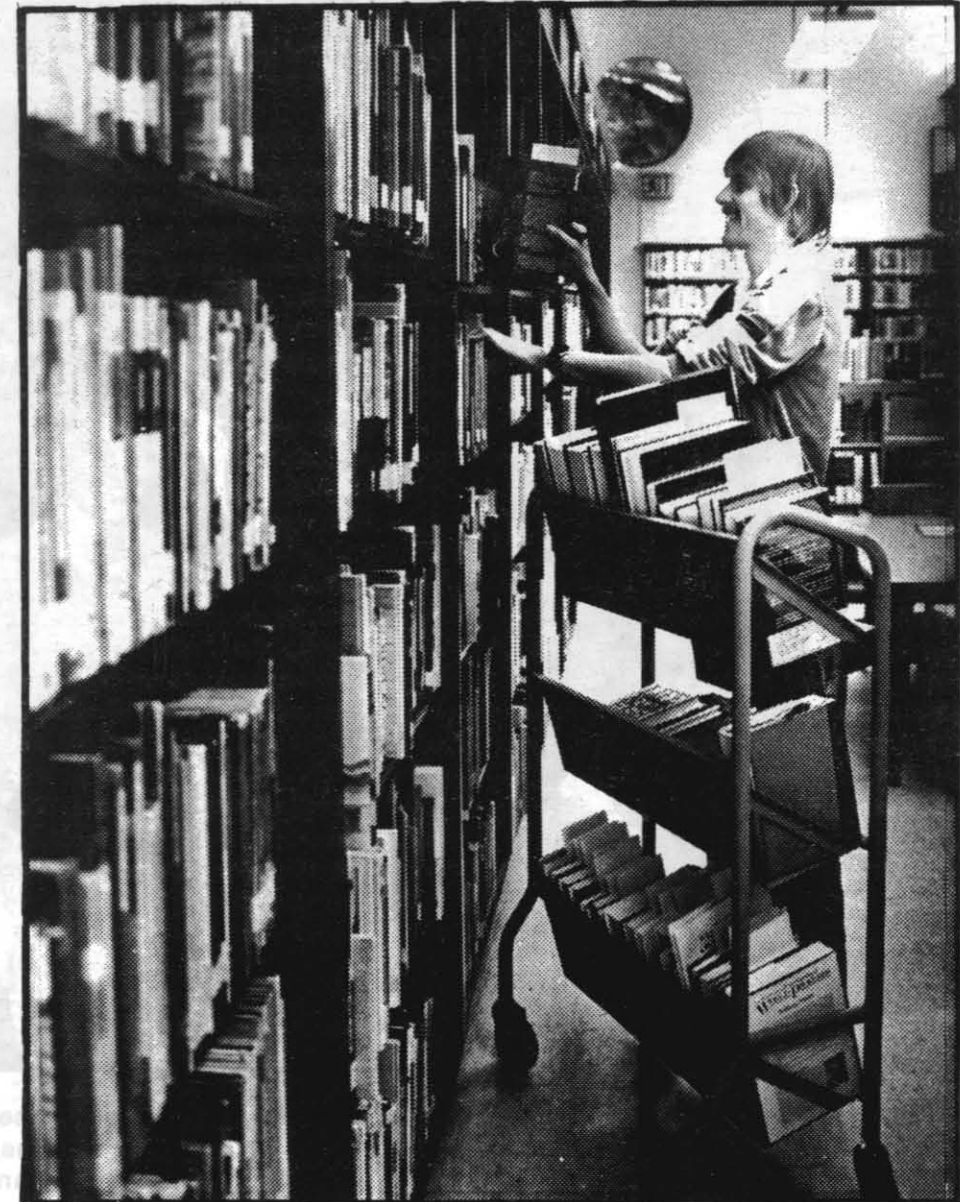
### QUESTION

**Civilian employee** -- We at the northern end of Michelson Lab have a continuing problem with the candy machine on the north side. More often than not, people lose their money in the machine and they don't get refunded. I have tried calling the company, but all I get is an answering machine. No one ever returns my calls. Another problem we have with the machine, even if it did work, there are no prices listed on the machine. Could you please resolve this problem? I would appreciate a prompt response. Thank you very much.

### ANSWER

We regret the inconvenience caused by the malfunctioning vending machine at the north end of Michelson Lab. The machine was removed for repairs, but should be back in place at this time. The Navy Exchange has corrected the problem of not responding to phone calls. The vending phone (446-4090) will be answered from 7:30 a.m. to 4 p.m. on workdays. At other times, a message may be left with the answering machine. These calls will be answered by an Exchange employee the next working day morning. Don't forget to leave your name and number.

All China Laker's 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. John Burt. 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 not required otherwise. There is no intent that this column be used to subvert normal established chain of command channels.



**LOTS OF WORK** — David Kollmeyer shelves books in the Center library, one of the many tasks that library employees need to accomplish in order to keep the operation running smoothly.

## Center library . . .

(Continued from Page 1)

Some specialized funding became available this year that permitted the purchase of furniture and a new card catalog for the Center library. Mrs. Shanteler hopes to be able to use the same type of funding this year to purchase VCRs and educational videotapes.

Latest word from the budget office in-

dicates an upward trend in library financing for FY 88 that could mean both more staff and library materials to serve NWC's patrons.

Sunday library service has again begun. The library is now open each Sunday afternoons from 12 to 4 p.m.

## Alarm/lock techs move

Alarm and lock technicians and the Key Control Center/Trouble Desk, Code 2431, have been relocated to Building 851, directly behind the police station. Telephone numbers for this facility are NWC ext. 3033 and 3398 are good between 7:30 a.m. and

4:30 p.m. Mondays through Fridays.

Requests for emergency services after normal work hours can be obtained by telephoning the police dispatcher at NWC ext. 3323.

## Internal management controls prevent fraud

When a bank teller closes out at the end of the day, a detailed accounting of every transaction that's been made accompanies the canceled checks, coins and currency. A supervisor immediately verifies the report. It's just a standard procedure banks use to guard against loss or theft.

For many years, managers in the Department of Defense and the services have been guided by a system of checks and balances to be sure that all of the resources under their control are properly managed and controlled. One person determines that a pay voucher is accurate and someone else certifies it for payment. One person fills out time cards and someone else certifies their accuracy. It's all part of the internal management control system, a system designed to prevent actions or inaction resulting in fraud, waste or mismanagement.

But in 1982, Congress directed DOD and all other federal agencies to come up with formal programs to prevent and correct fraud, waste and mismanagement.

Managers at every level are now required to document their internal management control efforts.

"Managers throughout the Department of Defense are required to do formal evaluation of their administrative and financial controls and identify weaknesses," said Blair Ewing, director for management improvement at the Pentagon. "After they identify the likely cause of those weaknesses, if any, they are required to develop programs to address them."

Those programs can be as simple as a minor change in procedure to a full-scale re-examination of how an agency does business. The most significant findings, said Ewing, are reported to higher headquarters. Those of interest to the President and the Congress are detailed in yearly reports signed by the Secretary of Defense and forwarded to the White House and both houses of Congress.

Since the reports were first ordered in 1983, 316 significant weaknesses have been detailed in DOD yearly reports. Of those,

217 (81 percent) have been corrected. Ninety-nine others are pending. The fiscal 1986 report indicates that the emphasis on tighter controls has resulted in the correction of two long-standing problems in one DOD component -- acquisition of spare parts and a reduction in the dollar value of unpriced contracts.

Also during fiscal 1986, the DOD inspector general and the audit services of the military departments reported that every DOD agency was in compliance with Office of Management and Budget and General Accounting office guidelines concerning financial and management integrity since those guidelines went into effect in 1983.

But the majority of the credit for what Secretary of Defense Caspar W. Weinberger called the substantial progress in strengthening internal management controls belongs to the thousands of managers at every level who make the program effective.

Scarlett Curry is the internal management control team leader within the Direc-

torate for Management Improvement. She develops guidance for DOD managers to use. Curry noted that DOD's internal management control program continued to mature in 1986 for DOD components to "isolate, control, set milestones and pursue actions to prevent and promptly correct material weaknesses."

But Curry and her associates aren't finished. She said an updated directive that will streamline the process and reduce paperwork will be out in fiscal 1987. "We will also be looking at ways to share the lessons learned and provide more guidance on how to discover potential problems," she said.

The internal management control program won't totally eliminate errors or irregularities because of inherent limitations in any system of controls. "But it is a large step in the right direction," said Robert Rodman of the internal management control team.

By Tom Joyce  
American Forces Information Service





WASHINGTON MEETING — Members of Naval Weapons Center Chapter 28 of the Federal Managers' Association met with Representative William Thomas during their attendance at a recent Washington convention of the FMA. Shown are (l. to r.) Betty Gross,

Dounette Capysello, Jacquie Clawson, Congressman Thomas, Rosemary Costanzo (Legislative assistant to the Congressman), Donna Gonder and Joe Hibbs. One of the functions of FMA is lobbying Congress for legislation favorably affecting federal employees.

# Bomb threats not any joke

Think that caller's threat about a bomb is a practical joke? Better think again. People who call in bomb threats usually aren't joking. How you react to a bomb threat can mean the difference between life and death.

The car bomb that leveled the Marine Corps barracks in Beirut, Lebanon, killing 241 servicemen, demonstrated the destructive capacity of a single bomb.

Fortunately, the Beirut tragedy hasn't been repeated at other U.S. military installations. But no base, post, depot or training site overseas or in the United States is immune to the threat.

Each service and command has established plans for dealing with bomb threats. In every case, level heads and a speedy response to threats can help save lives and property.

Federal firearms experts advise the person receiving the threat to immediately notify the designated military police or Federal Protective Service representative and provide as many details as possible that may help in the investigation.

If a bomb threat is called in, they advise the person answering the telephone to take the following steps.

- Keep the caller on the line as long as possible. Ask to have the message repeated and record every word spoken by the caller.

- If the caller doesn't say where the bomb is located or what time it is expected to detonate, ask.

- Tell the caller the building is occupied and that an explosion will kill or injure many innocent people.

- Listen for peculiar background noises such as car engines, music or other sounds that could help determine the caller's location.

- Pay particular attention to the caller's voice for indications of sex, emotional state, accents and speech impediments.

If a written threat is received, experts advise:

- Avoid unnecessary handling of the message to retain fingerprints or other evidence that could be valuable to an investigation.

- Save the envelope or container in which the message arrived.

Armed Forces Press Service

# Government surplus auction Tues.

Public Local Auction IFB 41-7286 will be held on Tuesday, March 31 at 9:30 a.m. in Building 1073 (Warehouse 41), according to an announcement by the Defense Reutilization and Marketing Office, China Lake. The public is encouraged to bid.

Among the 251 items offered are pickup trucks, oscilloscopes, tube testers, voltmeters, typewriters, welding equipment, valves, hydraulic press, desks, camping cots, fire extinguishers, compressed gas cylinders, hydraulic pump, drums, trailers, work benches, generator sets, storage lockers, forklifts and wood pallets.

The items have been on display for inspection beginning Monday, March 23 from 8 a.m. to 3 p.m. Mondays through Fridays. A complete list of items offered as well as sale terms and conditions can be seen at Building 1073 (Warehouse 41).

Registration begins at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid; mailed bids cannot be accepted.

Items purchased may be removed on the sale date provided full payment is made.

Payment must be in cash or guaranteed instrument (money orders, cashier's check, traveler's check, etc.). Purchasers have until April 7 to pay for and remove items before storage charges are applied.

Because the Defense Reutilization and Marketing Office is located within the NWC interior security fence line, prospective bidders must stop at the main gate and obtain a pass before coming aboard.

For further details, contact Greg Berry at Building 1073, Code 97, NWC ext. 2502 or 2538.



## China Lake Police Reports

A military man's wallet was found in a trash can at Burroughs High School and was turned in to the police. They are holding the wallet until its owner can reclaim it.

A vandalism report was filed when the victim reported that his car parked in the BEQ parking lot had scratches on its side caused by a suspect who kicked the vehicle.

Police received a phone call reporting that a bomb was in Michelson Laboratory. A subsequent check did not locate such a bomb.

Vandals entered a residence on Kearsarge sometime during the past couple of months and painted nail polish and hair coloring on floors and walls inside.

An assault report was filed with police after two individuals at the pass desk got involved in an argument. One threw a bottle of correction fluid at the other.

On Saturday when police made a traffic stop they discovered that the driver had outstanding warrants from Trona. He was arrested and taken to jail in Ridgecrest.

When police made a traffic stop the main gate they discovered that the juvenile driver was unlicensed. He was arrested and then released to his guardian.

Early Sunday morning a driver stopped at Bowen and Parsons was found to be under the influence of alcohol. The military man was arrested, held for five hours to sober up, cited and released.

A resident of a house on Nimitz reported that an unknown person had removed a lawn mower from the garage.

A burglar at TID broke into a closet, according to a report filed with police.

Letters were stolen from the marquee at Lauritsen and Blandly.

Two bicycles were stolen from the front porch of residences on the Center. One was reported taken from a house on Blueidge and the other from a house on Kearsarge.

At the Coso Geothermal Site someone broke into a locked cabinet and removed syringes.

A resident brought a butterfly knife in that he had found near his residence. Such a knife is contraband.

A victim reported that her purse was taken from Annex 1 at the Training Center.

**NWC HOTLINE**  
Integrity, efficiency program  
Call: NWC ext. 3636 (24 hrs.)  
or call the Inspector General at:  
(800)522-3451 (toll free)  
288-6743 (Autovon)  
(202)433-6743 (commercial)

# Post trip set

Only members of the China Lake Post of the Society of American Military Engineers will be able to go on a field trip to the Coso Geothermal Field scheduled on Tuesday, April 7. Members who plan to attend must make their reservation by close of business on Tuesday, March 31. Reservations must be made by telephoning Philip Branson, NWC ext. 3411/315 or Lt. j.g. Marc Myrum, NWC ext. 3411/352.



Capt. David B. Young commanded the Naval Ordnance Test Station from September 1953 to July 1955.

Following graduation from the Naval Academy in 1927, he served on both battleships and destroyers until he had flight training at Pensacola, Florida in 1934.

Among other assignments, Capt. Young served on the USS Lexington, for which a Center street is now named. He spent time with both the Bureau of Aeronautics and the Bureau of Ordnance in Washington during World War II, as well as seeing combat duty in the Pacific.

Prior to coming to China Lake he also was Naval Aide to the Secretary of the Navy in 1951-52 and commanded the aircraft carrier USS Bennington in 1952-53.

His assignment as Commander, NOTS, ended with his retirement from the Navy.

# PRT testing resumes for NWC military personnel

Military members at the Naval Weapons Center will start the next round of Physical Readiness Tests (PRT) the week of April 20. For the physically fit, PRT is a piece of cake. For those who are not physically fit, it can mean grueling pain mentally and physically while they get ready to "gut it out."

The frightening part is that people who just gut it out twice a year could be counting disaster in the form of serious injuries or even death. If that seems hard to believe, observe people carefully at the next PRT. Does it have to be that way?

OPNAVINST 6110.1c governs the Physical Readiness Program and fitness standards. The PRT is in 10-year age groupings, meaning a 20-year old male and

a 29-year-old male must meet the same standards.

What makes up the test? Sit and reach, sit-ups, push-ups, run or swim.

The sit-reach is a measure of flexibility — the ability of a joint to move through a full range of motion. No general test measures the flexibility of all joints, but the sit-reach serves as an important functional

measure of hip and back flexibility.

Sit-ups and push-ups measure strength and muscular endurance. Lower back injuries have been a problem in the Navy since before the days of sail.

Some 80 percent of all Navy occupations require pushing, pulling, lifting or carrying. For many sailors, pushing away from the table would be the best form of exer-

cise. Navy jobs require upper body strength and endurance and that's what push-ups measure.

Sailors who spend at least 30 minutes, three days a week maintaining fitness will have no trouble passing the PRT, it really will be a "piece of cake" for them.

Personnel who are doing nothing at all to maintain their fitness level, because they can still gut it out — are likely to get a little mandatory assist following the spring PRT in the form of a command exercise class designed to get sailors in shape and keep them that way.

Lt. j.g. Martha VanderKamp is the NWC Command Fitness Coordinator. For more information on the NWC PRT contact her at the Military Administration Department or ABC Randy Tye.



## Military News

# Government catching more service members for spying

Navy Petty Officer 3rd Class Robert D. Haguewood, an aviation ordnanceman, sold confidential material on an advanced air-to-air missile to an FBI agent posing as a Soviet intelligence officer. His asking price: \$360. The cost: two years confinement at hard labor, forfeiture of pay and allowances and a dishonorable discharge.

Private First Class Charles D. Slatten stole a confidential communications cryptor. Army investigators caught him before he carried out his plan to travel to Paris to sell the equipment to the Soviet embassy for \$1 million. His sentence: nine years at hard labor, forfeiture of pay and allowances and a dishonorable discharge.

Marine Corps Pfc. Robert E. Cordrey contacted the Soviet and Czechoslovakian embassies, offering to sell nuclear, biological and chemical warfare information. He showed a Czechoslovakian intelligence officer several pages of unclassified information. Cordrey was convicted of failing to report contacts with a communist citizen. His sentence: 12 years confinement at hard labor, forfeiture of pay and allowances and a dishonorable discharge.

Air Force Sgt. Edward O. Buchanan contacted the East German and Soviet embassies and the Soviet Consulate offering to sell classified defense information. Air Force and FBI agents, posing as Soviet intelligence officers, purchased several documents for \$1,000. Although Buchanan said they were classified, they were actually copies of an electronics magazine article. After his arrest, Buchanan admitted that he had planned to sell top secret information to the Soviets once he was given access to it. His sentence: 30 months confinement, reduction to E-1, forfeiture of pay and allowances and a dishonorable discharge.

The Department of Defense is uncovering more and more cases of actual and attempted espionage by service members and DOD civilians.

From 1981 to 1984 alone, DOD conducted 44 of what John F. Donnelly, director of counterintelligence and investigative programs, calls significant investigations.

More than 15 of those resulted in courts-martial, and a comparable number were prosecuted in federal courts.

Donnelly said the number of prosecutions is up, not because more DOD employees are engaging in espionage, but because more are getting caught.

He attributes this to a five-year effort that

has boosted manpower and funding for the DOD counterintelligence effort by 80 percent. This boost, he said, means a broader, more concentrated counterintelligence program.

Most investigations don't get splashed across the newspapers or dominate the airwaves. Some never involve passing classified information to hostile intelligence sources.

But according to Donnelly, cracking the minor cases is just as important as uncovering the major ones. These investigations put inexperienced spies behind bars before they become more experienced, more dangerous spies.

"In many cases, we're catching people before they ever get involved in espionage," Donnelly said. "Some of the people we've caught would have become the John Walkers of 1995." Walker masterminded a highly publicized spy operation described by defense officials as one of the most damaging ever to U.S. national security.

Donnelly said awareness is a key in the counterintelligence effort.

Recent revelations of major spy operations have increased public awareness.

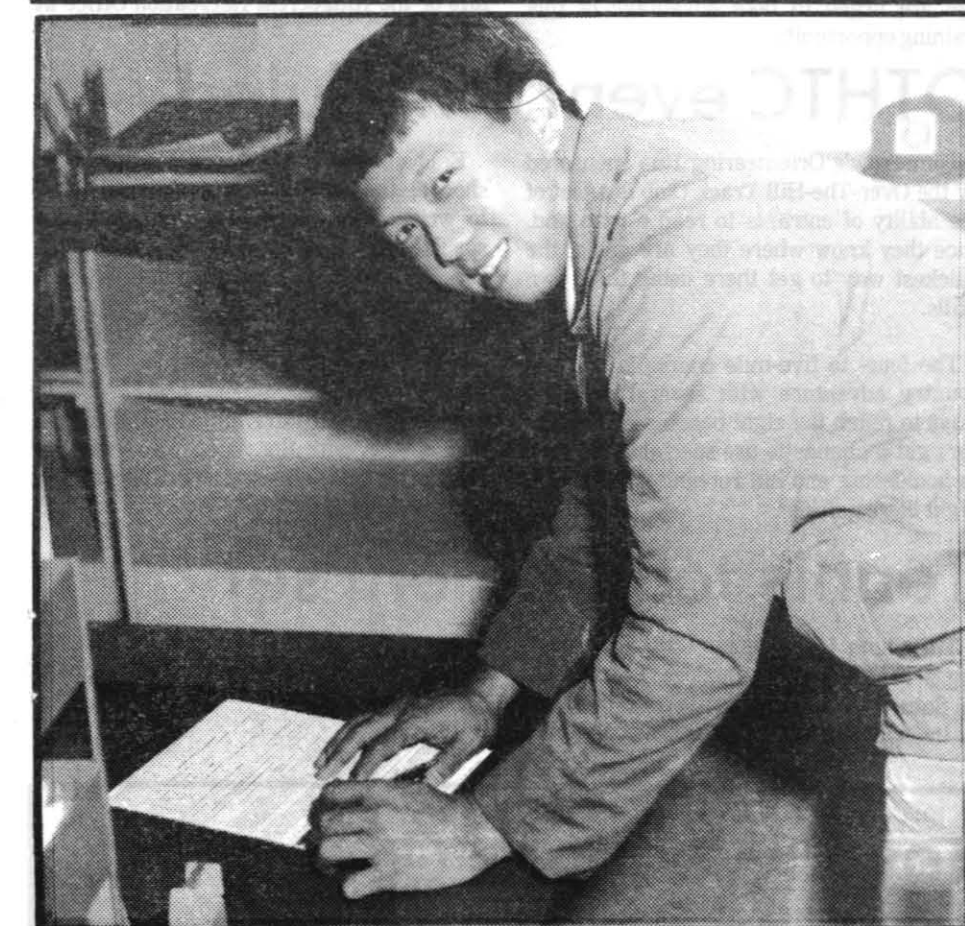
"Before the Walker case, Jerry Whitworth (a key player in the Walker spy ring) was involved in security breaches involving cryptographic information on five separate occasions," Donnelly said. "Each time, the matter was handed internally. Whitworth was never reported to NIS (Naval Investigative Service)."

Donnelly said incidents like that aren't likely to happen again. Security breaches are being reported more and more throughout DOD.

Air Force Lt. Col. Francis Taylor, Donnelly's deputy, summed it up: "When people commit espionage, they run a tremendous risk of getting caught. When they're caught, they're going to be prosecuted and jailed. It's just not worth the cost."

Some of the more obvious activities that should be reported immediately to the unit security officer or counterintelligence authorities include: attempts to obtain information when there's no need to know; requests for sensitive or classified information through non-official channels; excessive curiosity about what others in the office are doing; unauthorized removal of classified material from work areas; introduction of cameras or recorders into work areas; repeated overtime or unusual work hours not required by the job; unexplained affluence; and unreported social or business interactions with citizens of communist bloc countries.

NAVY PHYSICAL READINESS STANDARDS											
RAW SCORES											
17-19		20-29		30-39		40-49		50+		50+	
MALE	FM	MALE	FM	MALE	FM	MALE	FM	MALE	FM	MALE	FM
NUMBER OF SIT-UPS (2 MIN)											
OUTSTANDING	89	86	84	84	75	74	73	72	68	67	
EXCELLENT	72	67	68	61	54	54	48	48	45	45	
GOOD	60	52	50	45	40	39	35	34	33	32	
SATISFACTORY	45	40	40	33	32	27	29	24	27	22	
NUMBER OF PUSH-UPS (2 MIN)											
OUTSTANDING	62	36	52	29	45	23	41	22	38	21	
EXCELLENT	57	31	48	24	41	19	37	18	35	17	
GOOD	51	24	42	17	36	11	32	11	30	10	
SATISFACTORY	38	18	29	11	23	5	20	5	19	5	
1.5-MILE RUN/WALK TIME											
OUTSTANDING	9:00	11:30	9:15	11:30	10:00	12:00	10:15	12:15	10:45	12:45	
EXCELLENT	9:45	13:30	10:30	13:15	11:45	13:45	12:15	14:15	12:30	14:45	
GOOD	11:00	15:00	12:00	15:00	13:45	15:30	14:30	16:15	15:15	16:45	
SATISFACTORY	12:45	16:15	13:45	16:45	15:30	17:15	16:30	18:15	17:00	19:00	
500-YARD SWIM TIME											
OUTSTANDING	8:00	9:15	8:00	9:15	10:15	12:15	11:15	13:15	11:45	13:45	
EXCELLENT	9:45	11:45	9:45	11:45	11:45	13:45	12:15	14:45	12:45	15:15	
GOOD	11:30	14:15	11:30	14:15	14:15	15:45	15:15	16:45	15:45	17:30	
SATISFACTORY	13:15	17:00	13:15	17:00	15:45	17:15	16:45	18:30	17:30	19:15	
REQUIRED POINT SCORES											
17-19		20-29		30-39		40-49		50+		50+	
MALE	FM	MALE	FM	MALE	FM	MALE	FM	MALE	FM	MALE	FM
FOR MEMBERS WHO DO THE 1.5-MILE RUN/WALK											
OUTSTANDING	278	235	262	226	242	207	234	202	223	193	
EXCELLENT	252	199	235	187	206	172	193	162	187	155	
GOOD	227	168	202	154	175	139	162	129	153	123	
SATISFACTORY	188	142	166	125	144	92	132	83	126	77	
FOR MEMBERS WHO DO THE 500-YARD SWIM											
OUTSTANDING	263	248	269	239	241	208	230	200	220	192	
EXCELLENT	253	212	240	199	209	177	196	167	188	166	
GOOD	226	177	207	163	177	144	163	134	157	138	
SATISFACTORY	189	146	175	132	149	100	138	91	131	75	



THREE MORE — AD1 Eirín Viado, a phase crew supervisor in the NWC Aircraft Department, took the oath of enlistment for another three-year hitch in the Navy recently. The aviation machinist's mate first class was administered the oath by Cdr. R.O. Erickson, head, Aircraft Support Division.

# Theater salutes children

In celebration of the Month of the Military Child, parents who bring their children and pictures of their children to any "G" rated movies at the Center theater

during April will receive a substantial discount on the regular adult admission price — only 70 cents instead of the usual \$1.35 for a ticket.





## Personnel Development Opportunities

### SPECIAL SESSION FOR SECNAVINST 5216.5C

April 9, Thursday; 0900-1100; Training Center. By Odessa Newman, Code 0821.

Scope: This is a 2-hour session to answer special questions about the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. The session will be open to technical writers, secretaries, and other clerical personnel and will be conducted on a drop-in basis with no paperwork required.

### DEVELOPING YOUR POWER TO SUCCEED AT WORK

April 15 and 22, Wednesday; 0800-1600; Training Center. By B. Barer.

Scope: This course shows all levels of employees how they can exercise their initiative and assume more responsibility for their job growth and development. The workshop will show you how you can upgrade and maintain your power at work, improve your job performance, and advance your career. You will acquire skills to exercise influence over people and events.

Topics include how the characteristics of power operate on all levels; how your personal influence can lead to your control and direction of your job; how to find sources of power in a department or organization; how networking with all levels of personnel improves your job effectiveness and growth; how to apply your personal style of influence with all levels of personnel; how your personal influence skills allow you the opportunity to improve your job performance; and how to demonstrate your competence to supervisors, equals, and subordinates.

Deadline: April 1.

### BUILDING A SUCCESSFUL CAREER

April 16, Thursday; 0800-1600; Training Center. By J. D. Hodson.

Scope: This course will help you identify career goals and develop a plan to achieve them. Also, you will learn six key skills for success that you can use throughout your career. Topics include how to integrate personal goals with organizational goals, creating opportunities for advancement, how to position oneself to take advantage of career openings, and training a successor.

The course will be a workshop with little lecture. You will work on individual exercises, take part in group discussions, and will be invited to explore your own ideas about career.

For more information, contact Pat Baczkiewicz or Carol Koontz, NWC ext. 2686.

Deadline: April 3.

### BASIC NAVAL CORRESPONDENCE

May 14, Thursday; 0800-1600; Training Center. By Odessa Newman.

Intended Audience: For typists new to the Navy; however, the course will provide a good review for anyone who types naval correspondence.

Scope: Focuses on the policies and procedures for typing naval letters and memorandums. The course also highlights Chapter 1 (Naval Writing Standards) to the Department of the Navy Correspondence Manual. Please bring a Correspondence Manual if you have one.

Deadline: April 30.

### LEADERSHIP AND DELEGATION TECHNIQUES FOR SUPPORT PERSONNEL

May 12 and 13, Tuesday and Wednesday; 0800-1600; Training Center. By Deborah Ward.

Intended Audience: Support personnel who may not directly supervise others, but who, nevertheless, must get their work done through others.

Objectives: In this course you should learn to:

Effectively lead and delegate to others who are up, down or across from you in the organization.

Identify and explain your own style of leading and delegating using a self-assessment tool.

Identify and explain the styles of others and the types of leadership and delegation required by each style.

Describe the theories of leadership and the appropriate situations for each.

Identify the unique dynamic opportunities and pitfalls of leading and delegating from a support position.

Define the five components and six degrees of delegation and appropriate situations for the use of each.

Apply theories in class activities.

Design an action plan to apply learning back on the job.

Deadline: April 28.

### PROOFREADING

May 4 and 6, Monday and Wednesday; 0730-1630; Cerro Coso Community College, Room 145. By Odessa Newman.

Objectives: In this course you should learn what proofreading is and various techniques involved to proofread effectively. Practical exercises will be used. Also included are exercises for correct punctuation, capitalization, abbreviations and numbers.

Deadline: April 20.

### FILES IMPROVEMENT AND RECORDS DISPOSITION

May 19-21, Tuesday-Thursday; 0800-1130; Training Center. By Pam Rivera.

Scope: This class is designed to help record keepers understand and apply basic rules related to filing. Topics covered are standard filing procedures; eliminating needless filing; cross-referencing; indexing; and using filing aids such as color codes, labels, file

guides, and recommended file folders. Use of the Navy Standard Subject Identification Code and use of microfilming, identification of record material, disposal of records, and use of the Federal Records Centers for storage will be discussed.

Deadline: May 8.

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

### Dr. Prabhakar, CSUN, to be on-Center April 22

Dr. Jagdish Prabhakar of Cal-State University Northridge (CSUN) will be on-Center April 22 to advise current and prospective students in the external degree programs offered by the school. Dr. Prabhakar is particularly interested in counseling current and prospective students in electrical engineering.

CSUN has external degree programs in electrical engineering, applied mechanics,

and mechanical engineering at NWC which lead to a master's degree. CSUN also has an external degree program in electrical engineering which leads to a bachelor's degree.

Those who wish to see Dr. Prabhakar are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2648.

### Computers discounted for students

Students of Cal-State Bakersfield, Cal-State Chico, and Cal-State Northridge may purchase, through their respective University bookstores, Apple Computers at

a discount price.

For copies of current price lists and more information, please contact Cyndi in Room 212 of the Training Center.

### Elimination of Windfall Benefits for SS

An amendment to the Social Security law enacted in 1983 provides a different method of figuring Social Security benefits for people who are eligible for both Social Security benefits and a Civil Service annuity based on employment not covered by Social Security. This new computation formula is referred to as "Elimination of Windfall Benefits."

The original intent of Congress was to help workers who had low earnings by providing them with benefits that were higher in relation to their previous earnings than the benefits provided workers who had high earnings. The unintended effect, however, was to favor people who worked for only a relatively brief time in covered employment by computing their Social Security benefits as if they had earned low wages over an extended period of time. People working for Civil Service fall into this category.

The 1983 change applies to retired and disable workers who are first eligible after 1985 for both a Social Security benefit and a Civil Service annuity based in whole or in part on employment not covered by Social Security. Civil Service employees covered under CSRS will be affected by this change, whether or not they transfer to FERS. Civil Service employees hired after January 1, 1984 who are under the FERS retirement system only will not be affected.

There are also other exceptions, i.e. employees of nonprofit organizations for whom Social Security coverage was mandated on January 1, 1984, and workers with at least 30 years of Social Security coverage. In this respect, employees may now come under this provision, but by transferring to FERS they will be able to build up their years of coverage and may eventually meet the 30 years of Social Security coverage exception.

The regular Social Security benefit formula has three levels. Each level of earnings is multiplied by a specified percentage. The first level of earnings is multiplied by 90 percent; the second by 32 percent, and the final level by 15 percent. The results are added to obtain the basic benefit rate.

The new benefit formula that applies to people with Civil Service annuities from employment not covered by Social Security lowers the 90 percent factor in the first level of the formula to 40 percent. This reduction is phased in during a 5-year period as follows:

Year you reach age 62 or become disabled:	The first factor in the benefit formula is:
1986	80 percent
1987	70 percent
1988	60 percent
1989	50 percent
1990 or later	40 percent

You're probably wondering how much your Social Security benefit will be under the new benefit formula after 1985. You can make an approximate estimate by following the directions in the leaflet, "Estimating Your Social Security Retirement Check -- Using the Indexing Method," steps 1-7. In "step 8 for workers who reach age 62 in 1986," replace the 90 percent factor with the revised percentage, shown in the "phase in" period above. The maximum amount of reduction at age 62 under this change will be about:

Percentage	Reduction
80%	\$ 23.80
70%	49.80
60%	78.70
50%	110.70
40%	146.00

(The above amounts for 70% through 40% are projected figures, not actual amounts.) If you need more information about the new Social Security benefit formula or help in estimating your benefit, contact the Ridgecrest Social Security Office. The people there will be glad to help you.

By John W. Powers  
Social Security Resident Representative



# Personnel News & Notes

No. 89 / March 27, 1987

Naval Weapons Center, China Lake, California 93555 6001

## Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). 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 then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on 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. 08-018, Mail/File Clerk, GS-305-5, Code 0852 - This position is located in the Mail, Files and Records Branch. Incumbent will work in the central mail unit of the Naval Weapons Center and is concerned primarily with the processing of registered mail and assisting in maintaining records for all secret material on-Center. Job Relevant Criteria: Ability to index and file; ability to work independently; ability to work effectively with others. Promotion potential GS-5.

No. 08-019, Administrative Assistant, DA-341-I, Code 08502 - This position is located in the NWC Liaison Office, Arlington, VA. The incumbent provides administrative support for the NLO, high ranking government officials, NWC travelers on official duty in the Washington, D.C. area, and to NWC,

China Lake, as appropriate. Job Relevant Criteria: Knowledge of NWC and Washington, D.C. agencies, including DOD, U.S. Congress, and consulates; ability to deal effectively with people; ability to interpret and apply rules, regulations, policies, procedures, and instructions. Promotion potential to DA-2.

No. 08-020, Computer Operator, GS-332-8, Code 0881 - One vacancy for first shift (0730-1630). Position is located in the Computer Operations Branch, Computer Systems Division. Serves as senior level lead computer operator in operation of major ADP systems (Sperry 1100/890) with full operational responsibilities over on-line peripheral equipment and associated devices. Job Relevant Criteria: Knowledge of Data

Processing; ability to interface effectively with people; ability to work under pressure. Promotion potential to GS-8.

No. 09-003, Clerk Typist GS-322-4 or Staffing Clerk/Assistant, GS-203-4/5/6, Code 09202 - This position is located in the Professional Recruitment Office, Employment/Classification Division, Personnel Department. The incumbent performs a variety of tasks associated with the recruitment of Junior Professionals and administration of the Cooperative Educational Programs. Job Relevant Criteria: Ability to organize work; ability to work on different tasks at various stages of completion; ability to communicate orally; ability to work with personnel from various disciplines and from various levels within the organization; ability to type. Knowledge of travel regulations is desirable. Promotion potential GS-203-6.

ability to interact effectively with a variety of technical personnel in resolution of conflicting requirements; ability to communicate effectively in writing. Promotion potential to DP-3. Status eligibles may apply.

No. 22-8707, Motion Picture Projectionist, NA-3910-3, \$4.64 per hour, Intermittent Scheduled, Code 2225 - Incumbent will operate the Xetron (state of the art) projector; set up films for showing and tearing down films for shipment; operating 8mm and 16mm motion picture projectors; setting up and operating slide projector; inspects incoming films and makes required reports as to the condition of the films; works as an attendant during the times special groups rent the theater; occasionally sell tickets to theater patrons. Incumbent will also be trained in the use of other theater equipment (lighting system, sound system, backstage area, theater heating and cooling systems, etc.) Job Relevant Criteria: Incumbent must be available at least 5 nights a week (MWFSS) and also during an on-call basis. THIS IS NOT A CIVIL SERVICE POSITION.

No. 14-005, Engineering Technician, DT-802-3, Code 1421 - This position serves as the Center's focal point for defining facilities requirements for a Center-wide 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 center-wide effort;

No. 24-013, Security Clerk, GS-303-4/5, Clerk Typist, GS-322-4, Code 24311 - This position is located in the Physical Security Branch of the Security Division, Safety and Security Department. The incumbent is a Security Clerk and as such, implements the requirements for the Badging Section and applies security policies in carrying out the requirements for the processing of the Center's visitor program, foreign visitor program as well as its contract employee program. Incumbent must possess tact, diplomacy, personality and skills required to deal with and maintain liaison even under adverse, stressful conditions with personnel

Thrift Savings Plan (TSP) enrollment forms have been received, and enrollments will be taken at a time and place designated by your department office.

TSP booklets have been distributed to all employees. If you have not received a copy of this booklet, contact your division office.

Enrollments processed by April 10 will be effective the first pay period in April (April 12). Enrollments received on or after April 12 will be effective the following pay period. This open season will close on April 30.

Only those employees that want to enroll in the Thrift Savings Plan need to complete an enrollment form.

For more information contact Virginia Spille at NWC ext. 2592.



of all levels of government and private industry. **Job Relevant Criteria:** knowledge of OPNAV; SECNAV; and NAVWPNCEN instructions relating to personnel and physical security. Promotion potential GS-5.

**No. 26-017, Facility Management Specialist, DA-1640-2/3, Code 268** - The incumbent performs the duties of Project Design Manager and is responsible for developing scope of work statements for proposed projects, preparing Government estimates, negotiating delivery orders, and all project/design decisions related to assigned projects. **Job Relevant Criteria:** Knowledge of Public Works organization, project management as applied to indefinite quantity contract procedures, delivery order preparation and contract administration of indefinite quantity contracts; knowledge of and experience in the administration of indefinite quantity projects; knowledge in several trade disciplines; ability to work well with all levels of Center management and contract personnel; ability to communicate effectively orally and in writing. Promotion potential to DA-3.

**No. 29-004, Fiscal Accounting Clerk (Typing), GS-503-4, Code 291** - This position is located in the Administrative Division of the Commissary Store. The incumbent will provide administrative services to the Commissary Store Offices and Accounting/Clerical Support to the Commissary Store and the Store Group Offices. **Job Relevant Criteria:** Knowledge of standard procedures used to process and record transactions and accounting data in a segment of a general fund accounting system; knowledge of government practices and accounting procedures to process, record, research and adjust a wide variety of transactions in cash accounting and supply operations; ability to prepare and maintain accurate reports and records in a timely manner; ability to type and operate basic office machines.

**No. 31-003, Computer Specialist, DS-334-1/2/3, Code 3144** - The Weapons Integration Branch in the System Integration and Evaluation Division of the Aircraft Weapons Integration Department has an opening for a software specialist to work with a team of civil servants and contractors in machine language software development and maintenance for the Stores Management System (SMS). **Job Relevant Criteria:** Knowledge of machine language programming on the INTEL family processors (8080, 8086); structured software development associated with aircraft weapons integration. Ability to work effectively as a team member; to work with project deadlines; to communicate, both orally and in writing; and to interface with all levels of personnel. Promotion potential to DS-3.

**No. 31-029, Supervisory Interdisciplinary Electronics Engineer/Physicist/Mathematician/Operations Research Analyst, DP-855/1310/1520/1515-3/4, Code 3158** - This position is that of Branch Head for the Target Recognition Systems Branch. The incumbent will be responsible for the transition of current targeting technology into air-to-air and air-to-surface missiles, especially antishipping missiles. The task requires experience in missile guidance systems, signal processing, and project management. Experience and training in radar systems, pattern recognition, advanced computer systems, pattern recognition, advanced computer systems, tactical computers, structured software design, ADA, and systems or operations analysis would be beneficial. **Job Relevant Criteria:** Skill in

algorithmic system development, project engineering/management, signal processing, and analysis. Ability to supervise; ability to communicate in writing; ability to communicate with technical managers; knowledge of affirmative action principles and willingness to support EEO. Selectee may have to serve a one year supervisory probation period. Promotion potential to DP-4.

**No. 31-030, Engineering Technician, DT-802-2, Code 3144** - This position is that of an intermediate technician within the Airborne Instrumentation Branch, System Integration and Evaluation Division, Aircraft Weapons Integration Department. Duties include the definition, implementation, and application of systems safety principles, analysis, methods, tests and evaluations, and techniques during the planning, design, and validation of airborne instrumentation systems. Tasks will include the analysis of airborne instrumentation systems to identify and eliminate safety hazards inherent in the design and definition of instrumentation systems. Because organization provides support to flight operations the incumbent will be required to work in all kinds of weather conditions. Incumbent will also be required to work overtime, on an as needed basis. **Job Relevant Criteria:** Knowledge of aircraft instrumentation; knowledge of aircraft safety procedures; knowledge of test range instrumentation; ability to analyze technical data, and ability to communicate in writing. Promotion potential to DT-3.

**No. 31-031, Supervisory Interdisciplinary (Mathematician/Physicist / General Engineer / Electronics Engineer / Computer Scientist), DP-1520/1310/801/855/1550-3/4, Code 3141** - This position is that of head, Data Analysis Branch in the Systems Integration and Evaluation Division of the Aircraft Weapons Integration Department. The Data Analysis Branch is responsible for development of systems for (1) analysis and presentation of aircraft and range test data; (2) development, implementation, and maintenance of data base management systems; (3) processing, reduction, and analysis of data from laboratory, ground and flight testing avionic/weapon systems of the WSSAs and other projects; and (4) specification, for accomplishment of data analysis functions. **Job Relevant Criteria:** Knowledge of physical systems and avionics; knowledge of operational software development and testing; ability to deal effectively with personnel within and outside the government at various organizational levels; ability to manage and motivate people and a willingness to support NWC's EEO policies; ability to communicate effectively, both orally and in writing; ability to supervise. Incumbent may be required to serve one year probationary period. Promotion potential DP-4.

**No. 36-023, Interdisciplinary, (Electronics / Electrical / General / Mechanical / Aerospace Engineer), DP - 855/850/801/830/861 - 3/4, Code 3604** - This is the position of Sidewinder Systems Engineer, Sidewinder Technical Office, Engineering Department. The incumbent will perform and direct performance of systems studies and investigations and monitor technical development activities both at NWC and at Sidewinder contractors. Projects include AIM-9R, AIM-9M, Sidewinder MODS, Sidewinder Component Development, and AIM-9R PIP. The incumbent should be familiar with the Sidewinder missile system and components and the Sidewinder theory of operation. **Job Relevant Criteria:** Ability to plan, organize and monitor technical performance on complex

systems tasks; ability to communicate orally; ability to communicate in writing; ability to present technical progress or accomplishment to NWC management, NAVAIR Sponsors, and other government or contractor personnel. Promotion potential DP-4. Previous applicants need not reapply.

**No. 36-027, Mechanical Engineering Technician, DT-802-3, Code 3646** - The incumbent works independently and with engineers and scientists in the design and fabrication of weapons systems hardware utilizing Computer Aided Manufacturing. Ensures that design files and drawings include the necessary information for tolerancing, configuration control, complex surface generation, least cost design, production control, quality control, and documentation standards. The incumbent is responsible for the coordination of assigned projects between the weapons system customer and the CAM processes involved including creating design files for inspection and as-built drawings. Develops new software and hardware to expand the use of Computer Aided Manufacturing processes. **Job Relevant Criteria:** Knowledge of the CAM process including APT and graphics programming for multi-axes fabrication functions; knowledge of design and detailing on interactive graphics; knowledge of design practices and design documentation standards; ability to plan projects, and program automatic tools via the graphic process; ability to program in APT (multi-axes).

**No. 38-002, Mechanical Engineering Technician, DT-802-2/3, Code 3816** - This position is located in the Advanced Optics Technology Branch of the Physics Division of the Research Department. This branch conducts basic and applied research and development in areas of optics technology related to imaging, seeker and laser components and systems. To this end, the NWC Optics Shop and Diamond Turning Facilities are available to provide component fabrication. The incumbent will primarily provide design, instrument construction and operational support to these facilities. The incumbent occasionally will also provide similar specialized support to other branches of the division. **Job Relevant Criteria:** A working knowledge of mechanical and optical design and construction practices and shop procedures; knowledge of and practical experience in the use of the specialized materials used in ultrahigh vacuum and optics fabrication including OFHC copper and copper alloys, stainless steel alloys and optical glasses; ability to work closely with scientists and other technicians in the division and to communicate effectively both orally and in writing; ability to plan and conduct own work once an outline of the task has been developed. Promotion potential to DT-3.

**No. 38-003, Electronics Technician, DT-856-2, Code 3814** - This position is located in the RF and Microwave Technology Branch, Physics Division, Research Department. The incumbent serves as the system manager of all branch computer systems. Currently, these systems include an HP-1000, an HP-9350, an HP-9836, a Zenith PC, a five-node Macintosh multi-user system, and links to the SEF VAX-11/780 computers. Incumbent interfaces laboratory instruments to these computers and writes computer programs utilizing these instruments. Also writes scientific programs for numerical analysis, signal processing, data transfer between computer, data reduction, and data display. Designs digital circuits for aiding communication with these computers as required. **Job Relevant Criteria:**

Thorough knowledge of the following computer operating systems: HP-UNIX, HP-RTE6, VAX-VMS, MS-DOS. Demonstrated ability to write scientific programs in the following computer languages: Fortran-77, Basic, Pascal, C. Basic knowledge of digital circuit design. Promotion potential DT-3.

**No. 39-016, Electronics Technician, DT-856-1/2, Code 3924** - This position is located in the Electronics System Branch of the Weapons Development Division. The incumbent will support engineers in the layout design, fabrication, and testing of flight hardware. Emphasis will be on configuring electronic circuits and hardware concordantly. **Job Relevant Criteria:** Working knowledge of analog and digital circuits from system to component level; ability to use light machine shop machinery; ability to read detailed electronic schematics and mechanical drawings with geometric dimensioning and tolerancing; ability to compose and prepare detailed documentation packages. Incumbent will be expected to work as a team member and as a team leader in some instances. Experience in these areas is desirable. Promotion potential DT-3.

**No. 61-006, Supply Clerk/Technician (Typing), GS-2005-4/5/6, Code 6142** - This position is located in the Ordnance Control Branch of the Ordnance Division. The incumbent will be responsible for preparing and maintaining documentation for all explosives and ammunition ordered, received, issued, and shipped to and from NAVWPNCEN. **Job Relevant Criteria:** Knowledge of general supply requisitioning policies, procedures, and related documents; knowledge of ordnance terminology and the Navy's ammunition stock procedures; ability to communicate effectively and tactfully with both military and civilian personnel; ability to meet deadlines; ability to work under a minimum of supervision. Promotion potential to GS-6. Status eligibles may apply.

**No. 64-164, Administrative Assistant/Officer, DA-341-1/2/3, Code 64102** - Provides administrative support to the head, Recovery Systems Division in the areas of budget, procurement, facilities, space, equipment, personnel, and security. **Job Relevant Criteria:** Knowledge of personnel, budget, plant account/equipment, procurement regulations and procedures. Promotion potential to DA-3.

## Wade Swinford to teach course during short semester

Wade Swinford will instruct a six-week course in digital communications at Cerro Coso Community College during the spring short-term semester.

This class is designed as an introduction to digital communication systems including the concept of information content, error correcting, analog-to-digital conversion, number systems and digital communication waveforms. Also covered will be concepts of sampled data system, the Discrete Fourier Transform and the Fast Fourier Transform. Classes will meet Tuesday and Thursday evenings from 5 to 6:20 p.m. starting April 7 at Cerro Coso's City Center, Room 107. For more information call the college at 375-5001.

## 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. 14-008, Interdisciplinary (Electrical / Mechanical Engineer), DP-850/830-2/3, Code 1421** - This position serves as the Center's focal point for defining facilities requirements for a Center-wide 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 systems and the power sources for it. To apply, submit current SF-171 to John LaMarr, Code 142, NWC ext. 3711.

**No. 31-005, Interdisciplinary (General / Aerospace / Electronics / Mechanical Engineer / Physicist / Mathematician / Computer Scientist), DP-801/861/855/830/1310/1520, DP-2/3, (multiple vacancies), Code 3194** - These positions are located in the F/A-18 Project Branch of the Aircraft Weapons Integration Department. Incumbents will be responsible for providing test plans, specifications, and procedures for performing verification and validation of the F/A-18 tactical software. Individuals will perform, as required, subsystem and system level testing (both lab and flight) and will provide analysis support on any design, development or problems reported. Position requires knowledge of operational software development; knowledge of digital computer simulation and the system engineering processes; analytical ability; ability to communicate effectively both orally and in writing. To apply, send updated SF-171 to R. D. Johnson, Code 3149, NWC ext. 5206.

**No. 33-007, Interdisciplinary (Electronics Engineer / Aerospace Engineer/Physicist), DP-855/861/1310-1/2, Code 3333** - This position is located in the Advanced Technology Projects Branch, which is involved in the design, development and production support of proximity fuzes and design support test equipment for fleet missiles, principally using active radar and electro-optical technologies in the development cycle. This branch is hardware-oriented and tasks routinely include work with digital and analog circuitry development, laboratory

and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as part of a team supporting programs in the branch, which includes development of target detection devices for SPARROW, AMRAAM, RAM and conducting advanced fuzing studies. Promotion potential is DP-3. To apply, send current SF-171 to Bill Vechione, Code 333, NWC ext. 1211.

**No. 36-022, Interdisciplinary (Electronics / Electrical / General / Mechanical / Aerospace Engineer), DP - 855/850/801/830/861 - 2/3, Code 3604** - This is the position of Deputy Test and Evaluation Manager, Sidewinder Technical Office, Engineering Department. The incumbent will perform planning, scheduling, directing, and monitoring of projects and expenditures on all Sidewinder Test and Evaluation activities. Projects include AIM-9M, Product Verification Testing, and Sidewinder aircraft integration and AIM-9R development T&E activities. Frequent contact will be required with sponsors, air crew personnel, NWC range personnel, technical design personnel, other government agencies, and contractors for the coordination of T&E activities and for the exchange of technical data. The incumbent should be familiar with the Sidewinder missile system and theory of operation. Experience in dealing with all levels of military, civilian, and contractor personnel is desirable. Please send a current SF-171 to Bill Huttmacher, Code 3604. Previous applicants need not reapply.

**No. 36-028, Interdisciplinary (Computer Scientist / Electronics Engineer / General Engineer / Mathematician/Physicist), DP-1550/855/801/1520/1310 - 2 / 3, Code 36224** - This position is in the Software Support Section, Systems Electronics Branch, Systems Engineering Division, Engineering Department. This section is responsible for supporting and participating in the transition of the Sidewinder AIM-9R software design from Code 39 to Code 36. In addition, the incumbent will support the establishing and controlling of the System Software Support Facility for AIM-9R production support. Please send a current SF-171 to Cheryl Preul, Code 36209.

## CSB course has two new prerequisites

The Cal-State Bakersfield course entitled "MGT 301: QUANTITATIVE AND INFORMATION SYSTEMS" offered through the external degree program at NWC now has two prerequisites: "MATH 20: BASIC FUNCTIONS AND CALCULUS FOR BUSINESS AND MATH 22: ELEMENTARY PROBABILITY AND STATISTICS (offered at Cerro Coso Community College, or equivalent).

MATH 20 and MATH 22, or their equivalent, have been part of the lower division core requirements. Now both courses must be taken before taking MGT 301.

Students are advised that MGT 301 is tentatively scheduled to be offered during the winter quarter of 1988. MATH 20 and MATH 22 are tentatively scheduled to be offered at Cerro Coso this fall semester.

## Recent Arrivals and Departures Non-Appropriated Funds

Arrivals		
NAME	CODE	TITLE
Comer, Kellie M.	2212	Waiter
Comer, Kellie M.	2213	Waiter
Graham, Shane D.	2226	Recreation Aid
Partin, David W.	2211	Food Service Worker
Collins, Rita A.	2225	Usher
Wardwell, Nancy R.	2225	Ticket Seller
Roe, Shirley A.	2212	Waiter
Departures		
Weaver, Karen G.	2211	Food Service Worker
Rader, Margaret F.	2211	Food Service Worker
CIVIL SERVICE		
Arrivals		
NAME	CODE	TITLE
Villa, Karl	24213	Firefighter
Eley, Donald C.	2431	Physical Security Spec.
Carter, Kary L.	24311	Clerk-Typist
Untersinger, Mary H.	252	Contract Specialist
Schlick, Debra K.	25B	Supply Systems Analyst
Eddins, Darrell E., Sr.	2613	Laborer
Spragle, Steven C.	26414	Painter
Branson, John D.	26416	Laborer
Cross, John D.	26416	Laborer
Duff, Aaron E.	26416	Laborer
Johns, Timothy L.	26416	Laborer
Weston, Joseph W.	26446	Electrician
McEntee, Vicki L.	2671	Custodial Work Inspector
Taylor, Wayne P.	31403	Mathematician
Pinney, Diane D.	3142	Computer Specialist
Caballero, Adrian	3159	Electronics Engineer
Jones, Larry D.	3384	Electronics Engineer
Connelly, Joan E.	3436	Clerk
Morris, Michael J.	3514	Physicist
Wright, Sharon J.	3541	Mathematician
Wright, Daniel M.	3543	Electronics Engineer
Meyer, Steven J.	3951	Electronics Engineer
Barajas, Alfredo R.	621	Ordnance Equip. Mech. Hc.
Woodall, Richard M.	62141	Ordnance Equip. Mech. Hc.
Trent, Anthony V.	62552	Electronics Technician
Departures		
Dove, Jana L.	093	Equal Employment Spec.
Palmore, Patrick C.	0942	Physicist
Ruiz, Linda A.	25A11	Procurement Clerk
Vitale, Frances R.	26025	Secretary (Typing)
Garcia, Jerald W.	36824	Qual. Assurance Specialist



This Question and Answer column will be published weekly to answer questions you may have about FERS. Questions should be submitted, in writing, to Code 091.

I HAVE OVER 40 YEARS OF CIVIL SERVICE, WOULD THERE BY ANY REASON FOR ME TO EVEN CONSIDER TRANSFERRING TO FERS?

Under CSRS, an employee with more than 41 years and 11 months of service cannot add to their retirement benefit through additional service, since the maximum benefit is 80 percent of the employee's high-three average pay. (The maximum is increased only by converting unused sick leave to service at retirement.) If you are in this situation you might want to consider transferring to FERS, since this would permit you to earn additional basic annuity benefits.

EVERYTHING I'VE READ MAKES IT CLEAR THAT CONTRIBUTIONS TO THE THRIFT PLAN BY FERS MEMBERS ARE TAX DEDUCTIBLE. WHAT IS NOT CLEAR TO ME IS THE TAX DEDUCTIBILITY IF CONTRIBUTIONS TO THE THRIFT PLAN ARE MADE BY CSRS MEMBERS. COULD YOU CLARIFY THIS POINT? ALSO, WOULD THE CONTRIBUTIONS BE DEDUCTIBLE FROM INCOME FOR CALIFORNIA STATE TAX PURPOSES?

All contributions to the Thrift Savings Plan, whether by CSRS or FERS employees, are tax deferred. We have been told by the Franchise Tax Board that the contributions will also be tax deferred for California State tax purposes. They say that on this type of plan the present State law follows the Federal law.

I KEEP HEARING ABOUT THE WINDFALL ELIMINATION PROVISION OF SOCIAL SECURITY. WILL YOU PLEASE EXPLAIN THIS?

The Windfall Elimination provision affects, among others, Federal employees who have earned Social Security benefit and an earned federal retirement benefit (with the exception of employees mandatorily covered under Social Security on Jan. 1, 1984, or first hired on or after that date). This provision reduces the Social Security benefit to individuals who have less than a full career under Social Security covered employment and also receive a government pension. (See the article in this section "Elimination of Windfall Benefits.")