

April 12, 1985

**Elena Vitale directs
CLOTA's '85 opener,
'On Golden Pond'**

The Community Light Opera and Theatre Association will present the play, "On Golden Pond," as the first production of their 1985 season, opening Friday, April 19, at the Burroughs High School Lecture Center.

Directed by Elena Vitale, the play is a light-hearted comedy about a summer in the lives of a spirited elderly couple.

Norman Thayer, Jr., and his wife, Ethel, visit their summer home in Golden Pond, Me., for the 48th year. As Norman prepares for his 80th birthday, he becomes acutely aware of the fact that he is old. Their only daughter, Chelsea, recently divorced, is bringing her new boyfriend and his young teenage son for a visit. She prevails upon her parents — without too much difficulty — to take in the youngster while she and her boyfriend go on a fact-finding mission to Europe. The boy provides Norman with a new vitality as they discover a cohesive companionship that spans the generations.

Cast members include Jeff Besser as Norman; Barbara Auld as Ethel; Janice Metz as Chelsea; M. Vincent Winters as Charlie, the mailman; John Clark as Bill; and Phillip Zurn and Patrick Hixson sharing duties in the role of Billy.

Tickets are priced at \$5 general admission and \$3 for senior citizens, students (21 and under), and enlisted military. They can be purchased in Ridgecrest at Farris' Restaurant, Medical Arts Pharmacy, The Book-let, and The Music Man. Tickets can also be obtained from cast and crew members, as well as at the door.

In addition to Friday, April 19, subsequent performances are scheduled for Saturday, April 20, and Friday and Saturday, April 26 and 27. Curtain time is 7:30 p.m.

**RAF Pilot to discuss
AV-8B Harrier at
AIAA luncheon Tues.**

Squadron Leader Mike Young, Royal Air Force, will discuss the AV-8B Advanced Harrier at an open meeting of the American Institute of Aeronautics and Astronautics on Tuesday at 11:30 a.m. in the Chart Room of the Commissioned Officers' Mess. Lunch will be served at the deli line.

Reservations are required to ensure adequate seating. These may be made by telephoning Bob Nelson, NWC ext. 3243; Jim Chicar, 446-7671; or Ken Katsumoto, NWC ext. 7284.

Happenings around NWC

The Sierra Panamint Chapter of the Society of Technical Communication will present a technical communications seminar at Cerro Coso Community College on Wednesday, April 17, from 8:30 to 11 a.m.

Career opportunities in the field will be covered, including writing, editing, commercial illustration, composition, projection media graphics, and audiovisual communications.

Speakers at the seminar include Elizabeth Babcock, Marty Shelton, Tom Byrd, Walter Koerschner, Lee Keyser, and Kathy LaBrie. In addition, Roger Peck will discuss career preparation options.

The seminar is being presented as a non-profit community service.

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The 13th Annual Home Show will be held at Joshua Hall, Desert Empire Fairgrounds this weekend. Over 30 exhibitors will be showing the latest and finest in furnishings, improvements and decor. Admission is free and refreshments will be available from Audrey's Pantry. The show is open from 5 to 9 p.m. today; from 11 a.m. to 9 p.m. tomorrow; and from 11 a.m. to 5 p.m. Sunday.

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The Maturango Museum will host its ninth annual Spring Wildflower Show on April 19, 20, and 21, from 2 to 5 p.m. in the Sylvia Winslow Exhibit Gallery.

Approximately 100 identified and labeled species of spring blooms from the desert trees, shrubs and wildflowers from the Indian Wells Valley and the surrounding hills, canyons and mountains will be displayed.

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Dan Dickman will be the featured artist at the Cerro Coso Community College Art Gallery from April 12 to May 1. He will be showing watercolors and oils.



INSTRUCTION — Cathy Banks shows Elias Hamman some of the eye charts to be used as part of the free health screenings at Health Fair Expo, which will be held from 9 a.m. to 4 p.m. on Saturday, April 13 at the multi use room of Burroughs High School. Residents of all ages are invited to take advantage of the numerous free health screenings offered. The only charge will be \$10 to those who wish to take a highly sophisticated blood chemistry screening. No advance appointment is necessary to receive the free health screening. The Lion's Eyemobile will also be on site from noon to 4 p.m.

— Photo by Mickey Strang

**Free health screenings offered
at Health Fair Expo tomorrow**

Persons of all ages are invited to take advantage of the health screenings offered at the Health Fair Expo tomorrow at Burroughs High School's multi-use room and in adjoining wings. The Health Fair Expo opens at 9 a.m. and lasts until 4 p.m.

The only cost for the series of health screenings is \$10 for those over the age of 18 who wish to take advantage of getting a highly sophisticated blood chemistry screening. (Persons under 18 will not be able to get this screening.)

The blood chemistry provides information about levels of cholesterol, uric acid, and glucose in blood and also provides other tests for liver and kidney functions. The screening is most informative if the person taking the screening has not eaten for 4 hours.

Other screenings available include height and weight, anemia, blood pressure, vision, hearing, and a "shoes on" podiatry information session.

Adults can receive immunizations from the Kern County Public Health nurse; those 17 and under can receive these at regularly scheduled clinics.

The play offers roles for six men and six women, with many challenging roles as well as several roles for beginning actors or actresses.

Parts available include Elwood Dowd, a dignified man in his late forties; Myrtle Mae Simmons, a woman in her early twenties; Dr. Churnley, head of the sanitarium; Mrs. Chauvet, around 50, who likes furs and jewelry; Veta Simmons, Myrtle Mae's mother, a bossy, pushy mom; Ruth Kelly, head nurse at the sanitarium, in love with Dr. Sanderson; Duane Wilson, sanitarium strong man; Dr. Sanderson, young doctor who is in love with Nurse Kelly; Betty Chumley, good-natured woman in late 50s; Judge Gaffney, family lawyer and friend; E.J. Lofgren, cab driver; and Miss Johnson, the family maid.

Reservations are required to ensure adequate seating. These may be made by telephoning Bob Nelson, NWC ext. 3243; Jim Chicar, 446-7671; or Ken Katsumoto, NWC ext. 7284.

**China Lake Players
to hold auditions
for spring play**

The China Lake Players will hold auditions for their spring production, "Harvey," April 15-16, at The Playhouse, located at Lauritsen and Blandy. Tryouts will begin at 7 p.m.

"Harvey" is a play about Elwood P. Dowd and his friend Harvey, an invisible rabbit.

The play offers roles for six men and six women, with many challenging roles as well as several roles for beginning actors or actresses.

Parts available include Elwood Dowd, a dignified man in his late forties; Myrtle Mae Simmons, a woman in her early twenties; Dr. Churnley, head of the sanitarium; Mrs. Chauvet, around 50, who likes furs and jewelry; Veta Simmons, Myrtle Mae's mother, a bossy, pushy mom; Ruth Kelly, head nurse at the sanitarium, in love with Dr. Sanderson; Duane Wilson, sanitarium strong man; Dr. Sanderson, young doctor who is in love with Nurse Kelly; Betty Chumley, good-natured woman in late 50s; Judge Gaffney, family lawyer and friend; E.J. Lofgren, cab driver; and Miss Johnson, the family maid.

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**Dinner for Society
of Flight Engineers
set at Officer's Club**

The Ridgecrest Chapter of the Society of Flight Test Engineers is sponsoring a dinner meeting at the Officers' Club on Thursday, April 18. Dr. Pierre St. Amand, consultant to the Technical Director at the Center, will be the guest speaker. The topic will be "Dust Effects from Owens Lake on the Indian Wells Valley." Members interested are urged to attend. Friends and relatives are also welcome.

The meeting will start with cocktails at 6 p.m. followed by dinner at 7:15. The main dish will be Domestic Fowl Californian. Dr. St. Amand will speak at 8:30 p.m. Dinner reservations should be made by April 15 by contacting any one of the following people: Larry Astor at 375-8825, Gary Bartlett at NWC ext. 5942, Steve Davis at NWC ext. 5519 or Fritz Arts at NWC ext. 5663. The cost of the meal is \$8.

Navy Exchange Notes

The Navy Exchange at NWC is having sales on different items from now until April 21. Today, tomorrow and Sunday, the Exchange is having a car care sale on various automotive items. A home and garden sale will run from today until April 17. A Computer Savings Bonanza will offer home computers on sale as well as computer software. This sale runs from April 15 to 21.

Starting April 16, 1985, the NWC Commissary Store will open at 10:30 a.m. and close at 6:30 p.m. to accommodate late shoppers.

As of May 1, 1985, no credit cards will be accepted at the Center Auto Shop.

A sidewalk sale of laser art will be held at the NWC Exchange on Monday, April 15.

COM hold Family Night

Military Family Night Buffet will be held at the Commissioned Officers Club on Friday, April 15 at 6:00 p.m. There will be free ice cream sundae for military dependents.

Movies

FRIDAY, SUNDAY	APRIL 12, 14
"GIVE MY REGARDS TO BROADSTREET"	
Starring	
Paul McCartney and Ringo Starr (Musical-Drama, rated PG, 109 min.)	
SATURDAY	APRIL 13
"POLICE ACADEMY"	
Starring	
Steve Guttenberg and Kim Cattrall (Comedy, rated R, 96 min.)	
MONDAY	APRIL 15
"TERROR IN THE AISLES"	
Starring	
Donald Pleasence and Nancy Allen (Horror-Documentary, rated R, 83 min.)	
WEDNESDAY	APRIL 17
"RED DRAGON"	
Starring	
Stewart Granger and Rosanna Schiaffino (Drama, rated PG, 86 min.)	
FRIDAY	APRIL 19
"THE HOTEL NEW HAMPSHIRE"	
Starring	
Jodie Foster and Beau Bridges (Comedy, rated R, 109 min.)	

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

(GI) ALL AGES ADMITTED
General Audiences

(PG) ALL AGES ADMITTED
Parental Guidance Suggested

(R) RESTRICTED
Under 17 Requires Accompanying Parent or Adult Guardian

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Divine Services

PROTESTANT

SUNDAY WORSHIP SERVICE	
SUNDAY SCHOOL (Annexes 1, 2 and 4)	
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m.	(Nursery provided)
Wednesday 11:30 a.m.	
Thursday 7 p.m.	Officer's Christian Fellowship Christian Military Fellowship

ROMAN CATHOLIC

SUNDAY MASS	8:30 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESIONS (Friday)	4:30-5 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday)	10 a.m.
JEWISH	7:30 p.m.
WEEKLY SERVICES (Friday, East Wing)	9 a.m.
ADULT EDUCATION (Saturdays, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sundays, Annex 95)	9 a.m.

Chaplain J. Milton Collins, Capt., CHC, USN
Chaplain A. J. Smith, Cdr., CHC, USN
Chaplain Jason E. Knott, Lt., CHC, USN
Phone, NWC ext. 3506, 3507

Employee in spotlight

Don Zurn is world expert filming burning propellant

Don Zurn first came to the Indian Wells Valley in 1946. He is a graduate of Burroughs High School, and now is a physical science technician with the Combustion/Detonation Research Branch of the Center's Research Department.

Zurn joined the Naval Weapons Center as a math aide in 1957, after a tour of duty with the Air Force. He moved to the Engineering Department's machine shop after completing the apprentice program and stayed there until he joined what is now the Research Department in 1966.

Over the years he has been involved in a number of interesting and challenging projects.

The one project he recalls most fondly was work he did in development of a means

Mono Lake geology, history lecture set at Maturango Museum

Those interested in the geology and history of the Mono Lake area, as well as those interested in the effects of the Los Angeles Department of Water and Power's water diversions there, are invited to attend a free lecture at the Maturango Museum at 7:30 p.m. on Thursday, April 18.

NWC Rocketeer

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For better health...

On a bi-monthly basis over the next few months we will be writing articles for the Rocketeer which discusses common medical problems. Each problem will be approached utilizing a question-answer format. Topics will be chosen based on common medical problems we are faced with in our daily general practice.

Our purpose for writing the series of articles is to give you a broad overview of diseases with which you are familiar, and hopefully add a few bits of new information which you will feel are practical. We firmly believe the more knowledgeable the patient becomes, the more actively they become involved in managing their own health.

Our first topic is hypertension.

Q — What diet should I follow for hypertension?

A — In general, all patients with essential hypertension should follow a no-added salt diet. The elimination of salt while preparing food can correct the blood pressure elevation in many patients. A hypertensive diet should also restrict calories so that one gradually loses weight at a rate of 1-2 pounds per week with the goal of obtaining ideal body weight.

In one recent study of hypertensive people, it was found that over 50% of patients that required one medication at the start of the study had their blood pressure controlled off medication after a weight reduction of 10 pounds and following a no-added-salt diet.

Recently a number of articles have appeared suggesting that a diet high in potassium lowers blood pressure. Based on the trends of these studies, we feel it is a good idea to eat foods rich in potassium (such as fresh vegetables and citrus fruits) on a daily basis with the chance they may help control blood pressure.

However, too much potassium in persons on certain hypertensive medication or in patients with renal disease can have severe medical consequences. A person should discuss with their physician the use of a salt substitute and diets extremely high in potassium prior to initiating that type of diet change.

Q — Will I have to take medication the rest of my life for hypertension?

A — The majority of patients who have been found to have chronic essential hypertension will need to remain on blood pressure medication the rest of their lives.

However, if persons have been found to have minimal elevation of blood pressure (diastolic 90-95 range) and changes their life style as mentioned above, with weight loss, regular exercise, and limiting salt, they have a good possibility of not requiring hypertensive medication. The discontinuation of any antihypertensive medication should be done gradually under the close supervision of a physician.

Q — I stopped my antihypertensive medication because I feel fine. My hypertension never gives me any problems, and besides, the medication makes me feel drowsy at work.

A — Hypertension as advertised by the American Heart Association is a silent killer. The vast majority of people who have blood pressures between 150/90 and 200/120 are entirely without symptoms. One of the difficulties we have as physicians is convincing persons that even though they feel perfectly well, they have a serious medical problem that requires treatment.

Partly because of the lack of symptoms associated with hypertension, it was not conclusively proven until the mid 1960's that diastolic blood pressures greater than 115mg Hg are harmful. Likewise, it wasn't proven until the mid 1970's that blood pressures greater than 150/90 were harmful and that treatment was beneficial.

Chronic essential hypertension has been conclusively shown to be the major risk factor for strokes and one of three major risk factors for heart attacks, peripheral blood vessel disease (arteriosclerosis) and a risk factor for kidney failure and certain types of blindness.

— By Lt. Joe Forrester, USN, MC

to use high speed photography to characterize the burning of missile propellants.

A former president of the Ridgecrest Kiwanis Club and IWV Century Association, Zurn has been active in a variety of community organizations, including youth football, Scouting, Elks Lodge and American Legion.

Zurn and his wife, Judy, have been married for 29 years. They are the parents of four children, two of whom still live in the Indian Wells Valley, and have two grandchildren. Judy has been with Southern California Edison for 20 years and is the customer service representative for the Ridgecrest office.

— By Lt. Joe Forrester, USN, MC



ANOTHER PROJECT — Don Zurn is at his work bench busy with a project. Zurn is a long-time resident of the Indian Wells Valley, arriving here in 1946.

— Photo by PH2 Rick Moore

Kickers . . .

(Continued from Page 6)

Atletcs 10, Sting 1

Four players scored in the lopsided win. Mike Matson had four goals while Matthew Bullock, Scott Hansen and Jon Rae had two each. Chad Killinger was credited with the best defense. Kathleen Garrison had the lone goal for the Sting and Jamie Arellias led the defense.

Sockers 3, Strikers 0

Tofu Tuipula's two goals led the winning attack. Mike Ogren had the other score. Team work was the defensive key said the coach. Blocking several shots each, goalies Michael Eberhardt and David Gibson pacified the Strikers on defense in the defeat.

Timbers 8, Drillers 0

Bennie Trujillo had three goals, two in the second half, to pace the winners. Richard Deering also added a pair of goals in the win, while Natalie Noel, Chad Shadlock and Dwight Mecon had a goal each. Kenny Carr was named top defensive player by his coach.

Division 3

Diplomats 3, Kicks 3

Steve Mills and Derek Lindsay accounted for the scoring from the Diplomats for the tie despite being three players short. Gene Hunter, Brandan Ledden and Charles Eberhart had a goal each to bring the Kicks into the tie. Nathan Walkers and Brett Nelson paced the defenses.

Surf 1, Tornadoes 1

Danny Moldenhauer's two goals and two by Jimmy Ball were all the Surf needed to stop the Tornadoes. Aaron Bradley keyed the defensive effort. Matt Mann, assisted by Mike Graves, had the only goal for the Tornadoes in the tie.

Rogues 12, Sounders 0

Shawn Hamilton had four goals in the most lopsided game of the week. The overpowering offense was complimented by a stingy defense headed by Jim Bailey in the shutout. Jake Easley had the top offensive performance for the Sounders as the defense faltered in the second half.

Division 4

Lasers 2, Bandits 0

Eric Blowers had an unassisted goal while Armando Valdivia got an assist from Andrew Higgins for all the scoring. Clint Coffee also had a good defensive game. Ken Ratcliff led the defenders for the Bandits.

Lasers 3, Hotspurs 0

Another Laser shutout with Pat Couglin the defensive standout. Richard Flores, Eric Blowers and Armando Valdivia each scored. The offense was excellent on both sides with Rhonda David leading the Hotspurs. Kerry Campbell led the losing defense.

Bandits 2, Hotspurs 1

Danny Hobson and Peter Martinez did all the scoring for the Bandits and Hobson added an assist in the victory. Other outstanding performances came from Patrick O'Donovan and Dean Waldron.

Anglers go north

Lots of people headed north to the Owens Valley this past week to enjoy the gorgeous weather and to drop their lines into the water.

The creeks in the early opener area (Independence Creek south and west of Highway 395) have not been planted regularly because the water temperatures have been too cold, but are now warm enough so that they will be stocked each week.

Bass and catfish have been biting furiously, especially in the area east of Black Rock and in the old Owens River near Mazanar. Trout are also being caught in the Owens River and in Diaz Lake.



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

Capt. Flower nears end of tour . . .

(Continued from Page 1)

Though he would rather have been stationed "a little closer to a large urban area . . . where there are operas, theaters and a variety of restaurants," he will miss the mountains and the skiing that the immediate area has to offer.

"Beeville is a very flat area," he said of his new duty station. "In fact, there is an old saying that, 'The only thing between Montana and Beeville, Texas, is a couple of barbwire fences.'"

Capt. Flower sees several significant changes in today's Navy, as compared to the Navy he began his career with 24 years ago.

Having entered the Navy just prior to the Viet Nam outbreak, and going through 8 years of the war, he views the post-Viet Nam era as the period which he has seen the biggest changes.

"After the war in Viet Nam, the primary emphasis in the Navy became material condition," he said. "We wore out the Navy fighting the war — both the personnel and the equipment — so there's been many personnel and material programs which have appeared to return the Navy to a good operating condition."

"And, of course, if you are going to do something," he added. "You've got to inspect it to make sure you're doing it right."

As a result, Capt. Flower has noticed a considerable increase in inspections during the last 14 years of his career.

"I'm hoping now that the Navy is relatively healthy, a lot of these will go away," the Skipper said. "I think some already have."

Many projects the squadron has been assigned during Capt. Flower's tour at VX-5 have turned out to be "rather

"I'm very proud of the job the people have done here . . ."



"The enlisted troops . . . are among the best and the brightest."

"In all of those cases, the people who monitor us have come back and said, 'Hey, you did a great job of testing,'" he said. "They might not have liked some of the answers we gave them, but they felt we had done a good job of testing."

"I'm very proud of the job the people have done here to restore the squadron's credibility," he emphasized.

Throughout his travels, Capt. Flower has seen how others in the military community respect the work that VX-5 has been conducting.

"The Fleet sees us as a repository of all knowledge on attack weapons systems," he explained. "Of course, that's not true, but we get asked a tremendous amount of tactical questions from the Fleet which we respond to."

"They have great faith that when we publish something or say something about a new system, that it's gospel," he said. "Again, it's a credibility issue."

Upon assuming command at Beeville, he will actually have four separate commands under his watchful eye.

"I'll be the Commander of the training wing, which consists of two A-4 squadrons, a T-2 squadron, and the base," he stated. "I intend to run a safe operation that produces the number of quality pilots which the Navy requires."

With the six training wings in the Navy responsible for producing about 1,400 aviators a year, he figures he will be responsible for approximately 230 of those flight students.

A Commanding Officer's job entails

many visits of foreign guests and Capt.

Flower has seen his share during his tour with VX-5.

"We're the envy of many foreign nations, such as Great Britain, Israel and France, who can't afford to have test and evaluation squadrons such as our VX squadrons," he said. "They are all amazed at the job we do. They'd like to have them but they just can't afford them."

This underscores the fact that VX-5 is a unique squadron with a unique mission.

"The Navy has a single person responsible for testing, who is our boss, Admiral Carter, COMOPTEVFOR," Capt. Flower explained. "It is very easy for Congress to look at his reports and say they're good systems or bad systems."

He feels this "has always been a strong-point of the Navy."

"We have always been very strong at nailing down responsibility to particular individuals," he said.

VX-5 will remain very busy with projects into the future, according to Capt. Flower.

"Everything that President Reagan is building, we're testing, so our mission has really grown. When I got here two years ago, we had 145 projects assigned by the Chief of Naval Operations to test and evaluate. We now have 205, and that's just within two years."

He estimates the growth will continue even if the defense budget is trimmed, since most testing of new systems are conducted at the end of their cycle, which takes four or five years.

Mini-triathlon promoting fitness in IWV

Part of National Youth Fitness Month activities in the Indian Wells Valley includes a mini-triathlon on Saturday, May 18.

Sponsored by NWC Recreational Services Department and Ridgecrest's Recreation Department, the event is open to young people between 6 and 17 years of age, or those still in high school.

Three preliminary events have been

planned to help prepare competitors for the mini-triathlon.

A bicycle race for conditioning is set for Sunday, April 14 at 3 p.m. The race starts at NWC's gym. The course ranges from 3.1 to 12.4 miles depending on the age group. All riders must wear a helmet; any helmet with a hard top and chin strap is acceptable.

On Sunday, April 28, an endurance swim

is scheduled at Pinney Pool.

Charley Lattig, Burroughs High swim coach, will conduct a short clinic on swimming and the importance of exercise followed by an endurance swim for competitors of all ages.

A final preliminary event is a one-mile run set for Sunday, May 5 at 3 p.m.

Participants will be timed as they run the mile, giving them an idea on how much

more training they'll need for the May 18 triathlon.

There is a \$1 entry fee for each of the preliminary events. Certificates will be awarded to all who compete.

Registration information for the mini-triathlon is available at NWC's Information, Ticket and Tour Office, ext. 2010, or Ridgecrest's Recreation Department, 375-1522.



Sports

Youth kickers maintaining busy spring soccer schedule

Play continued in the NWC Youth Soccer League last weekend with a full Saturday slate of 15 games.

Games are played at Davidov Field and both East and West Knox Fields.

Division 1

Roadrunners 5, Chiefs 3

Chris Thornberry and Chris Kajiwara notched two goals each as the Roadrunners beat the Chiefs 5-3. Daniel Gibson was named the top defensive player. Mike Frederick notched all three goals in the losing effort while Sean Harvey led the defenders.

Cobras 3, Eagles 0

Behind a three-goal effort by Greg Greedy, the Cobras were easy winners. Greg Solam and Mike Hobson keyed the defensive effort. Pat Clark and Mark Castillo played outstanding defense for the Eagles in the defeat.

Coyotes 5, Owls 1

Bill Goodwin notched four goals in the second half to go with one in the first half to lead the winners. Jeffery Lubben, Josh Robinette and David Perry led the defense.

John Hutmacher and Richard Christensen were top players for the Owls in defeat.

Express 6, Rowdies 0

A two man attack of Vasken Haroutunian and Thomas Agagni led the easy win. Michael Kennedy and Frank Gamble paced the defense in the shutout. With two people missing, the Rowdies had a rough time. Jeff Caruso and Sarah Stiff were the leading players in the contest.

Furies 2, Apollos 0

Another shutout, this time John Hoepck and Tim Dugan led the losers' attack when Glenn Baker and Josh Scarborough keyed the defense. A pair of unassisted goals by Jeff Brown were all the Furies needed for victory.

Division 2

Lancers 4, Cosmos 0

Behind Steven Sticht's three goals the Lancers breezed to the win. Jamie Scholl added the other goal. Arthur Boswell and Howard Gamble were defensive stalwarts in the loss. The Cosmos got a good offensive game from David Gartner.

(Continued on Page 7)

Fishing improves at Lake Isabella

By Mike Vradenburg

Anglers, water skiers, and sun bathers enjoyed a super week of calm days and warm sunshine. The most productive anglers are fishing in the morning and evening.

Trout fishing is real good at Kissack Cove, Auxiliary Dam, Launch Area 19, and the end of Evans Road. Anglers doing the best are using 4 lb. test line with the marshmallow/red salmon egg combination for bait.

The trout being caught are weighing 1 to 2 lbs., and are good fighters once hooked. Bass fishing is slow, but as the water warms and the spawning time nears, fishing will become excellent.

Anglers fishing Rocky Point and Piney Point with nightcrawlers are catching 1 and 2 lb. bass, and an abundance of bluegill. Larger bass are not as easily caught, but they are taken regularly from Gautch Point, Joughin Cove, Lime Dyke, and Camp Nine.

The big bass are hitting crawdads, waterdogs, Bomber and Rapala minnow lures (silver, gold, fluorescent), and rubber worms (purple, brown, motor oil green). Bass pros recommend anglers use 8 to 10 lb. test line, be mobile, and work artificial lures along rocky banks.

Artificial lures fished offshore are usually cast in a clock pattern. For example, you're standing in the middle of the block, cast and retrieve the lure at 10, 12, and 2, then on the next round hit 11 and 1.

If you were successful repeat the pattern or move down shore to a new location and start again.

Top game honors went to Allan Smith a 245 while Langford had a 240 game. Jim



HOW HEAVY? — Fisheries biologist Darrell Wong weighs a brown trout caught in the Owens River as part of the Department of Fish and Game's ongoing work to determine the state of the fishery in California's waterways. General trout season opens April 27.



SOCER ACTION — Scorpions' 19-under squad was soundly beaten last week by a strong Palm Desert Squad. The Scorpions are idle this week, but resume Youth Soccer League play April 13 at Corona against the Dragons.

— Photo by Steve Boster

Palm Desert squad hammers Scorpions in loop action

Ridgecrest's Scorpions were hammered, 4-0, by a visiting Palm Desert Soccer Club on Saturday.

The under-19 squad frustrated the visiting Palm Desert kickers for the first 60 minutes of the contest. In the final half hour of play, the visiting squad knocked home four unanswered goals.

Described as one of the best clubs in this age group, the Palm Desert team knocked the Scorpions back to sixth place in a 10-team Inland Empire Youth Soccer League.

Scorpion defenders Neil Johnson and J.P. Placencia clogged the center and prevented the Palm Desert squad from getting off to a fast start. They helped hold the visitors to a 0-0 tie at the half in what could have been a major disaster.

The young Scorpions did tackle, and defeat, a team of local adults in an exhibition contest, 6-1.

There are no games in the league set for this Easter Weekend.

The under-19 team will be in Corona on Saturday, April 13 to tackle the Dragons, now tied for third place in loop standings.

Also on April 13, the under-15 kickers will play host to the Rowland Kickers at Murray School. Game time is 1 p.m.

Bowling league entering final week of competition

With just one week left in league competition, Elks Lodge bowlers maintained the slim edge in Premier Scratch League standings.

Holding a 402-323 mark, the Elks have an eight point lead against Thrifty Wash at 394-331 and a big margin over third place Cal-Gas at 384½-340½.

Raytheon seems to have a solid hold on last place with a 312½-412½ record going into this final week of competition.

Gary Paulson recorded the second triple 200 series in as many weeks in loop action. He rolled 211-209-200 for a 620 series, tops for the week. James Langford added a 604 series.

Top game honors went to Allan Smith a 245 while Langford had a 240 game. Jim

Team	Standings	Won	Lost
Elks Lodge	402	323	
Thrifty Wash	394	331	
Cal Gas	384½	340½	
Buggy Bath	368½	356½	
The Place	365	360	
Olympia Beer	359½	365½	
Hideaway	355½	369½	
Joseph's	342	333	
E&E	341½	383½	
Raytheon	312½	412½	



The Skipper Sez...

QUESTION

Civilian Employee — I'd like to know if anything is being done to alleviate the parking situation at Mich Lab. The lot has become fuller because several buildings have been added to the Mich Lab compound, adding to the number of employees without adding more parking space. If there is a conference going on in the management conference room, it is a free-for-all in the parking lot. The current options for Mich Lab tenants or visitors are either circling the lot for 10 to 15 minutes waiting for someone to vacate a slot or parking a couple of blocks away and walking back to the lab or parking in an unauthorized place such as the dirt area out along the road east of the lots and risking a parking ticket.

Also, at the north end of Mich Lab, east of the new Engineering Building, there is a parking lot with all reserved parking spaces in it. At any time you can go out into that parking lot and see 20 to 30 empty spaces. I can't understand why this is reserved parking if nobody parks in it.

ANSWER

We have several efforts underway to alleviate the problem. Reserved parking is being reassessed to ensure that these assets are well and fully used. We are removing the "no parking" signs to the east side of the main Michelson Laboratory parking lot, which will allow parking on the unsurfaced area if the lots are full. We also have a work request in the system to evaluate the total parking problem. Finally, a work request has been submitted to clear and use the area between the east lot and North Knox and Nimitz for temporary overflow parking. Employees utilizing the overflow area should avoid parking in areas which would inhibit access by emergency vehicles. An upcoming Blue Sheet Announcement will define these areas. I appreciate everyone's concern and we will continue to work to solve this problem.

QUESTION

Retired Military Dependent — I was told by the China Lake Police after I failed to turn my lights on after coming through the main gate that the sign only says to dim your lights and not to turn them off. In coming through the gate last night the Pan Am guard told me I should turn my lights off coming through the gate, I want to know which one should actually be done.

ANSWER

This is a continuing problem and unfortunately varies from base to base throughout the United States. The sign is correct for the State of California, i.e., "Dim Your Lights." However, if you (as I have done also) turn your lights off you must turn them back on. The whole idea behind the procedure is to make it easier for the guard to identify occupants as well as the sticker on the front of the car. I have told my guards and police officers to be very tolerant and helpful in dealing with anyone doing the light trip just right when coming through the gate.

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

Education specialist earns Commander's Award for substantial impact on NWC technical strength

"Steve is one of those outstanding individuals whom we seldom have the opportunity to recognize because they perform their work back of the scenes," Capt. K. A. Dickerson remarked as he presented the Commander's Award to Dr. Steve Lee Monday morning at the Commander's meeting. Dr. Lee is an education specialist in the Human Resources Development Division of the Personnel Department.

"He has provided outstanding mission support through his work with the educational programs — especially those in computer science and engineering — to be sure that they are above reproach," the Skipper continued.

He noted that quality educational programs were essential to attract and keep outstanding scientists and engineers.

Dr. Lee, on being presented the engraved paperweight, letter of commendation and stipend comprising the award, said, "I'm speechless — which for me is a rarity."

He also established a bona fide pre-engineering program at Cerro Coso, Cal State College Bakersfield, Cal State University Northridge, and Cal State University Chico to establish a firm commitment by these schools on valid transfers of credit.

The nomination points out that Dr. Lee has had a substantial and far-reaching impact on the technical strength of NWC through his actions in initiating, conducting and influencing the content and direction of its education programs.

COMMANDER'S AWARD — Dr. Steve Lee receives the Commander's Award for mission support by Capt. K. A. Dickerson, NWC Commander (right) at a Commander's Meeting. Dr. Lee was honored for his efforts in improving technical education opportunities at NWC.

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



— Photo by PH2 Rick Moore

April 12, 1985



EXPERTISE RECOGNIZED — Lee O'Laughlin, NWC Fire Chief, and Capt. P. D. Stephenson, Chief Staff Officer, hold the plaque denoting that NWC was first runner-up in the medium crash category in the annual Allen G. Ogden Competitive Program for 164 Navy and

Marine Corps fire departments. Dick Johnson, Director of Safety and Security, joins with the men of Fire Station 3 at Armitage Airfield as the plaque is presented. First place winner in the category was USMC Tustin, California.

— Photo by PH2 Rick Moore

F/A-18 WSSA team earns honor

The outstanding effort and accomplishments of the F/A-18 Weapons Systems Support Activity (WSSA) team in the Aircraft Weapons Integration Department earned 44 members of that group a special achievement award.

The award, totalling \$5,000, was presented by Dr. Edward Kutchma, head of Code 31, at a department all hands meeting held recently in the Center theater.

Work consisted of development and integration of the aircraft tactical system for the first F/A-18 carrier deployment last February. In November 1983, the Naval Air Systems Command tasked the F/A-18 WSSA to integrate new weapons, a new electronic warfare suite and to make major changes to software for five of the on-board computers.

These changes included integration of the HARM weapon system, FLIR pods, and incorporated mines, Harpoon and the latest fuses. Also, upgraded AIM-7M and AIM-9M missiles were added. New software included 169 fixes and/or enhancements to be added to the basic software as part of Lot VII.

This Lot VII Upgrade program required over 1,000 hours of flight testing using four dedicated F/A-18 aircraft, creating a major increase on NWC's flight hour and range time demand.

During this demanding schedule, the

F/A-18 WSSA was established as the lead Navy laboratory for F/A-18 system/software development and test. To achieve this status, the "principal site" concept was implemented.

This concept meant that NWC was responsible for conduct of all contractor debug and development testing, and all testing, both contractor and Navy, was done using Navy-maintained aircraft, Navy engineering personnel and Navy facilities.

Use of this concept, it is estimated, saved the Navy \$22 million over what the same flight program would have cost at McDonnell Aircraft Corporation's site, using their charge schedule for the FY-83 Navy program in comparison to costs incurred at NWC for the Lot VII effort.

Those sharing in the award included:

Code 3107 — Richard R. Bruckman, Daniel C. Allen, Donald S. Connor, Melvin D. Foremaster, Robert A. Gates, Roy E. Hageman, Leslie M. Johnson, Ronald R. Lindemann, Eugene S. Mitchell, Gerald E. Stites, Stuart O. Witt, Cdr. Jack Paschall, LCdr. Eric C. Neidlinger, and Major Thomas White.

Code 3114 — Lynn H. Satterthwaite, Robert B. Coen, Joseph R. Haberman, James K. Takahashi, Richard C. Bullard, Cliff L. Ransom, Robert D. Glenn, James P. Otto, and Scott Lucas.

Police reports . . .

Unknown persons removed a watch and silver coins from a victim's bedroom. Value of the missing items was \$108.91.

+++

Two unlicensed drivers were stopped. One a motorist, was stopped for a routine traffic stop, and was cited and released. The other, a motorcyclist, was cited — and released to his parents because he was a juvenile.

+++

Two petty thefts occurred from unlocked vehicles parked at the NWC gym: one victim lost his wallet and contents, valued at \$27, and the other lost her purse and contents, valued at \$34.

+++

A bicycle was stolen from the Lauritsen Laboratory area on Friday. The bike is valued at \$50.

+++

A motorist was cited Sunday for an exhibition of speed.

+++

Persons unknown scratched the paint on the driver's side of the victim's vehicle. Estimated amount of damage is \$300, as reported Monday.

AICE meeting features talk about grinding

All interested persons are invited to attend an open meeting of the Mojave Desert Section, American Institute of Chemical Engineers on Monday at 7 p.m. at El Charro Avitia restaurant, 1337 N. China Lake Blvd., Ridgecrest.

After a short officers' meeting at 6:30 p.m., dinner will be served at 7 p.m. Each person will be able to choose dinner from the menu.

Code 3144 — Dennis M. Moore, Carl T. Stoddard, and Lawrence P. Killilea.

Code 3153 — George D. Goetz and Darrell J. Grandjean.

Code 3194 — Richard D. Johnson, Frank A. Bachinski, Robert G. George, Brad R. Gilmer, Lawrence R. Lochhead, Donald G. McCauley, Daniel R. Price, and Kenneth I. Trieu.

No advance reservations are required.

April is Child Abuse

Prevention Month at NWC

Laura Bradbury, age 3, Sean Evans, age 2, and Nicole Bryner, age 5. Three children with one thing in common: they were unattended for moments only and became the victims of abduction.

Laura Bradbury was camping with her family and walked with her brother 50 yards to a restroom. Her mother turned around to select some meat and when she turned back, Laura was gone.

Tragic outcomes from what should have been very routine occurrences. The abductors of these children took extraordinary chances. Imagine kidnapping a child from a shopping cart, with probably many witnesses in close proximity!

All parents must take extraordinary measures to protect their children. As you can see in these three cases, the children were gone in the wink of an eye and there was no evidence left behind. No trace of these children exists today. Sure, we can put their photographs on milk cartons, and check out suspected "dirty old men" and enter their descriptions in the nation-wide teletype system, but that is of little consolation to the parents who will spend the empty Christmases, Easter and birthdays robbed of the joys of their children. Laura Bradbury's birthday was March 29th.

Parents, don't let your guard down for a moment because there are those sick, disgusting inhuman people still out there watching, waiting for the chance to make your child the next Sean, Nicole or Laura.

— By Jim Brown
Chief of Police



— By Jim Brown
Chief of Police

April 12, 1985



Military News

DOD establishes new policy on damages to quarters

WASHINGTON (NES) — Navy members can be held responsible for loss or damage to their government quarters, whether they live in the barracks or in Navy housing.

In addition, Navy people are responsible not only for their actions but also for the actions of dependents and guests in the quarters.

A new Department of Defense policy ensures fair treatment for service members in military quarters, clarifying the conditions under which they can be held for damages and setting new limits on how much money they can be required to pay. A Navy instruction will soon be issued on the liability policy.

In general, military members' liability is limited to one month's basic pay. There are two exceptions under which the military member will be held liable for all damages and losses: when the damage or loss has been determined to be the result of either gross negligence or willful misconduct on the military member's part; or when dependents or guests have caused damage or loss due to gross negligence or willful misconduct, and the military member knew of the risk involved and failed to prevent or limit damage or loss. Without evidence to show otherwise, the Navy will presume the military member knew of the risks.

When damage or loss is discovered in Navy quarters, the Navy begins an investigation. Qualified engineers or cost estimators follow Department of Defense procedures to determine the extent of loss or damage, using locally established rates to decide repair or replacement costs.

Who can offer such a deal? The Military Airlift Command can and does. Last year, MAC carried 1.5 million passengers, including 500,000 space-available passengers who paid \$10 for their tickets.

For the same price, you can hop on the Navy plane to places such as Australia,



NEW HAT — Lt. Deborah Lynn Oakes, who is with Air Test and Evaluation Squadron Five, helps her husband, Cdr. Del Oakes, try on the hat commensurate to his new rank, following a frocking ceremony conducted by Capt. K.A. Dickerson, NWC Commander. Cdr. Oakes enlisted in the Navy nearly 30 years ago and came up through the ranks. He is currently Division Officer for the Ordnance Branch of the Aircraft Department, but will leave in May to report to the Naval Safety Center in Norfolk, Virginia.

— Photo by PH2 Rick Moore

Fly MAC to Hawaii for only \$10

WASHINGTON (NES) — Where can you fly for \$10? For that price, most people would expect the aircraft to taxi around the runway and return to the gate.

But would you believe that \$10 can take you to Europe, the Far East, Hawaii, Africa and many other places? Your answer should be "yes."

Who can offer such a deal? The Military Airlift Command can and does. Last year, MAC carried 1.5 million passengers, including 500,000 space-available passengers who paid \$10 for their tickets.

For the same price, you can hop on the Navy plane to places such as Australia, Bermuda or — if you're really adventurous — perhaps Alaska.

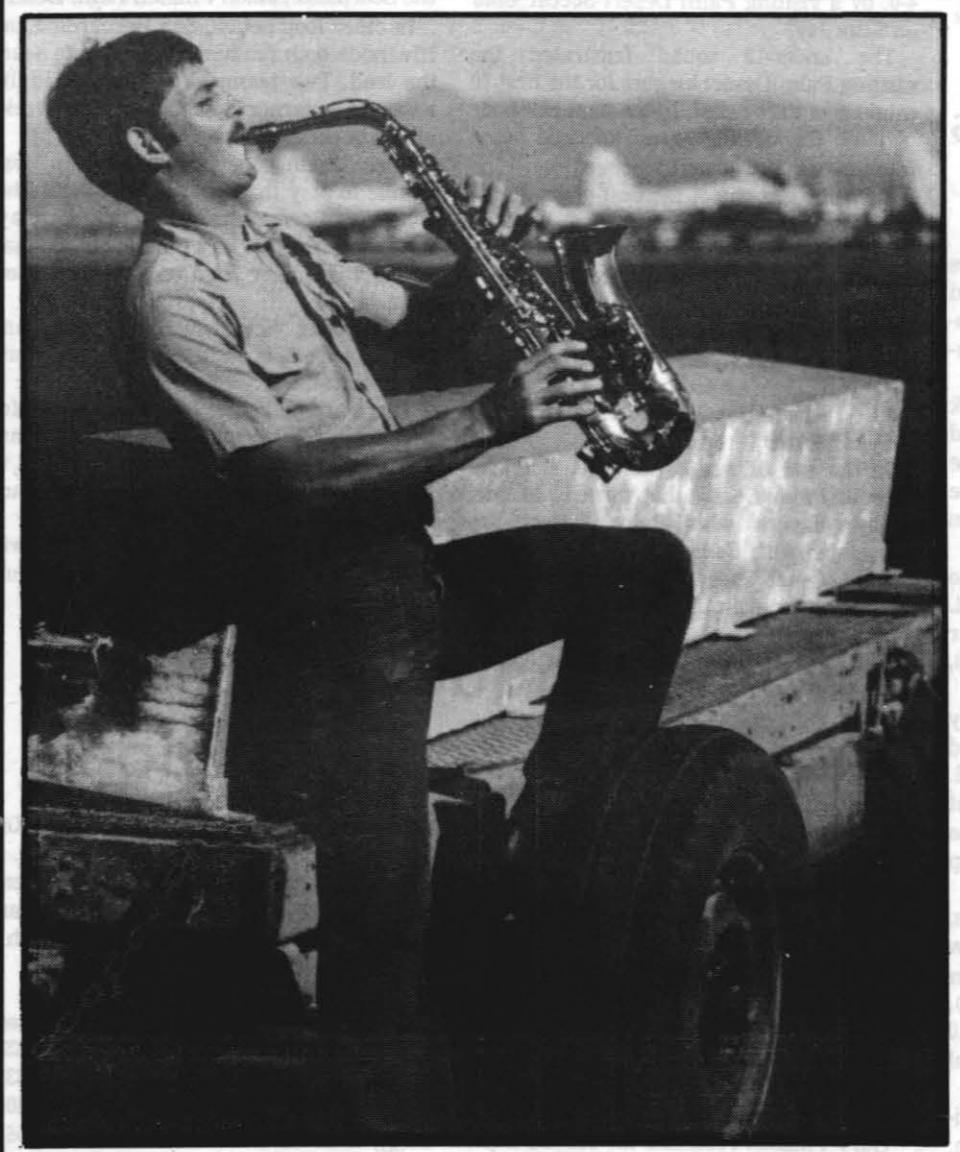
Military aircraft fly to more places than you'd think — even to areas without U.S. military bases. There is a hitch, though — a seat must be available on your desired flight. Military members on permanent change of station orders or on emergency leave have priority for seats. In addition, only military members (including retirees) can fly on military flights within the continental United States. Dependents can fly on overseas flights only, including flights entering and leaving the United States.

Catching a space-available seat on a

MAC flight is easier than it used to be. You no longer have to stay at the terminal for a space-available flight to your destination.

However, every 15 days you have to sign the space-available roster to revalidate your travel intentions. You can stay on the roster for up to 30 days without losing your position in line. If you're retired, you can stay on the roster for up to 45 days. Also, you can sign up for as many as five destinations.

For more information on space-available travel, contact your nearest Naval Air Station or Air Force Base.



TALENTED ORDNANCEMAN — AO3 Mark Hubner takes a break from loading weapons at the VX-5 Ordnance Shop to play a few tunes for his shipmates.

— Photo by PHAN Greg Hogan

AO3 Hubner finds music a perfect way to kick back

Aviation Ordnanceman Third Class Mark Hubner, presently assigned to the Ordnance Branch of the Avionics/Armament Division at VX-5, has an unusual way of relaxing after a long day of loading weapons on the squadron's aircraft.

He kicks back in his barracks room and serenades occupants with one of three woodwind instruments he plays proficiently.

Petty Officer Hubner, who has played locally with bands at the EM Club, and in Ridgecrest at J.D.'s and Clancy's, has his sights set on crossing into the Navy Musician (MU) rating.

"Basically, to make one of the Navy bands, you must pass an audition," he said. "Along with your musical training, this is what they base their decisions on."

Musical talent comes naturally for the 3-year Navy veteran. The youngest of ten children, other family members are trained on the organ (his mother), the violin (his father), and the trumpet (a brother).

"I've been playing the saxophone for five years," the 22-year-old musician said. "However, I've played the clarinet for nine years."

The Northwood, N.H., native took up the saxophone during his freshman year of high school to become a member of his school's jazz band. By his junior year, he had the lead chair for tenor saxophone in the jazz band and the lead chair for the clarinet in the concert band.

Upon graduating from high school in 1982, Petty Officer Hubner continued his musical education at the University of New Hampshire Music School, where he played in one of the university's top bands.

Making a musical career out of the Navy is a goal the young ordnanceman has set for himself.

"If I can become a Navy musician, I'll more than likely stay in 20 to 30 years," he said with a smile.

Since reporting to VX-5 in March 1983, Petty Officer Hubner has had many opportunities to enjoy the attractions available to residents of the Indian Wells Valley.

"I really enjoy taking a break on a sunny afternoon up at Kennedy Meadows or Lake Isabella with friends," he said. "Trips to Los Angeles and Las Vegas are fun, too." Although he presently owns a tenor and an alto saxophone, he can also play the soprano, baritone and bass saxes.

It is evident he is determined to excel with his music in the Navy.

"I love music," he said with sincerity. "Music is my life."

— By PHAN Greg Hogan

**CAREER DEVELOPMENT WORKSHOP**

6-10 May, Monday-Friday, 0800-1600, and 16 May (follow-up), Training Center. By LaNelle Thompson and Belle Hervey.

Intended Audience: Designed for people who want to explore their personal interests, strengths, and resources as an initial step toward career expansion.

Scope: Provides assessment tools for determining occupational interests, basic skill levels in math and English, time management abilities, interpersonal styles and values. Students will use this information to set goals and establish action plans for career development. Topics include interviewing skills, résumé (Form 171) writing, and positive self-presentation. Instructors will provide feedback and coaching on self-development efforts at the follow-up session on 16 May.

Note: Class is limited to 20 people.
Deadline: 16 April.

ADVANCED ADA PROGRAMMING

13-17 May, Monday-Friday, 0800-1600, Training Center. By: George Cherry, Language Automation.

Prerequisite: Must have a fundamental knowledge of Ada programming, elementary user-defined data types, simple Ada programs, and knowledge of program procedure format. These topics will not be discussed.

Scope: Covers advanced topics in Ada such as access types, tasking, limited private types, machine-dependent programming of interrupt service routines, code statements, and generics. The lecture/workshop will analyze several case study examples.

Deadline: 29 April.

PRODUCTION PROCESS

2 and 3 May, Thursday and Friday, 0730-1130, Training Center. By: Charles Frederickson.

Scope: Topics include introduction/overview, technical data package/contract requirements, manufacturing planning, vendor/supplier control, incoming inspections, parts fabrication, material control, assembly level assembly/inspection, assembly level test, unit/group/set level assembly/inspection, unit/group/set level test, physical/functional audit and review, preservation/packaging/packing/storage/shipping, calibration system, training/certification/internal/supplier evaluation audits, nonconforming material disposition, nonconforming material corrective action, data information system, change control/status accounting.

Deadline: 18 April

ROBOTICS FOR TECHNICAL PERSONNEL

20 and 21 May, Monday and Tuesday, 0800-1600, Training Center. By: Richard Hughes.

Scope: Topics include terminology; history, status, and future of robotics; overview of robot subsystems; computer hardware and software; servo control systems; actuators; mechanical systems; sensors; robot systems/applications; computer-aided manufacturing and integrated computer-aided manufacturing; nontechnical (?) robotics issues; and how to specify a robot.

Deadline: 6 May.

PROGRAM MANAGEMENT PART II

14 and 15 May, Tuesday and Wednesday, 0800-1600, Training Center. By: Charlie May, Code 01A5.

Scope: A summary course intended to tie the curriculum together and to gauge each student's understanding of the material. Guest lectures and NWC case studies will be used to summarize key points of the program. Because this course integrates the program's subject material, it must be taken near the end of the certificate program.

Note: TMC program.
Deadline: 30 April.

SYSTEMS ENGINEERING

21-23 May, Tuesday-Thursday; 2 days will be from 0800-1600; 1 day will be from 0800-1130; Training Center. By: Charlie May, Code 01A5.

Intended Audience: Project engineers and technical managers. TMC students will receive first priority.

Objective: To make project engineers and technical managers more aware of the systems engineering process and to stress the importance of managing programs from a systems standpoint.

Scope: Directed toward managers of programs and systems engineers, not practitioners of systems engineering. A distinction is made between classical systems engineering and the management of systems engineering. An approach for planning for, and executing, systems engineering in a dynamic environment is described.

Deadline: 7 May.

ROBOTICS OVERVIEW FOR MANAGERS

22 May, Wednesday, 0800-1000, Training Center. By: Richard Hughes.

Scope: Topics include terminology; history, status, and future of robotics; overview of robot subsystems; robot systems; and nontechnical (?) robotics issues.

Deadline: 8 May.

HOW TO DEVELOP EFFECTIVE USER DOCUMENTATION

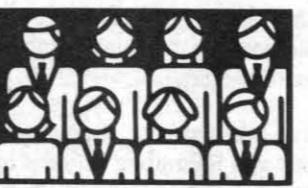
8-10 May, Wednesday-Friday, 0800-1600, Training Center. By: Human Performance Associates.

Intended Audience: People doing MILSTD 7935 type of documentation. This course covers generic documentation and has no direct application to a military embedded computer software application.

Scope: Upon completion of this course you should be able to (1) identify common pitfalls and problems of existing documentation products; (2) perform a preliminary analysis to prepare for document design; (3) reference and apply the latest user documentation principles; (4) produce clearly written, easy to scan, easy to reference, well organized documentation; (5) create visually pleasing and professional appearing products; (6) design products according to user characteristics and intended usage; (7) identify situations where pictures, tables, and graphics are appropriate; construct easy to use decision tables; and (8) implement a quality assurance program that ensures the development of user-friendly documentation.

Deadline: 19 April.

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



Personnel News & Notes

No. 8

Naval Weapons Center, China Lake, California 93555-6001

Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed.

APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledge/Skills/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

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

No. 08-012, Disbursing Officer, GS-503-8, Code 08805

This position is located in the Disbursing Office, Accounting and Disbursing Division, Office of Finance and Management. Incumbent will be responsible for disbursing civilian payrolls, travel advances and claims, vendor payments, public vouchers, and receives and deposits collections. **Job Elements:** Knowledge of Navy Industrial Fund Accounting principles; knowledge of civilian payroll procedures; knowledge of the Document Entry system and Integration Disbursing and Accounting (IDA) System. Previous applicants need not reapply.

No. 08-013, Payroll Clerk, GS-544-3/4, PD No. 6917039N, Code 08641 — This position is located in the Payroll Office, Civilian Pay and Travel Branch, Accounting and Disbursing Division, Office of Finance and Management. Incumbent performs routine research of payroll records to correct leave data; prepares changes to employee earnings, deductions and leave records; prepares reports of leave and earning data.

Job Relevant Criteria: Ability to work rapidly and accurately; ability to interpret and apply regulations; ability to work under pressure of short deadlines. Promotion potential to GS-5. Previous applicants need not reapply.

No. V14-021, Computer Specialist, DP-334-3, Code 1432 — Incumbent provides

cleanliness for the center and outside areas; offers suggestions on improving the facility and programs; promotes programs; and maintains and repairs equipment and informs supervisor of the need for additional equipment. This is not a Civil Service position.

No. CS-8514, Recreation Assistant, PS-0189-07, \$5.56 per hour, Temporary Full-Time, Code 2242 — Incumbent schedules, publicizes and implements a variety of sports activities; instructs young people in sports activities; plans and conducts recurring group activities; assists the Assistant Director, Community Services, in planning, scheduling, and implementing numerous aspects of the Youth Summer Program; relays instructions from the Director or Assistant Director, Community Services, to other staff; oversees the work of other staff; ensures that all staff members comply with policies and procedures; prepares purchase orders for necessary program equipment; evaluates programs for use by Assistant Director, Community Services based on overall success or interest and submits recommendations for consideration in future planning; maintains resource information file to facilitate instruction and program planning; chaperones youth trips when necessary; and performs other duties as assigned. This is not a Civil Service position.

No. GY-8518, Recreation Aid, PS-0189-04, \$4.73 per hour, Intermittent Scheduled, Code 221 — Incumbent instructs swimming lessons as assigned; monitors activities and maintains order in the pool area to prevent accidents; performs routine cleaning duties associated with keeping the pool, surrounding areas, and pool buildings clean and free from algae, debris, and unsanitary conditions; when necessary, rescues swimmer(s) in danger of drowning and provides first aid; prepares reports such as attendance, daily log, etc.; makes periodic checks of pool water for proper temperature, PH, and chlorination; performs other duties as assigned to include membership checks of authorized personnel and collection of daily fees as necessary. Must possess a Water Safety Instructor's Certificate. This is not a Civil Service position.

No. CS-8515, Recreation Assistant, PS-0189-05, \$5.02 per hour, Temporary Full-Time, Code 2242 — Incumbent is required to supervise groups of youth in various recreational activities; demonstrates or instructs children in rules of athletic games, card games and various board games; sets up and keeps abreast of scheduled events and ensures that the activity areas are arranged properly for those events; acts as chaperone on youth trips; acts as an usher, cashier, or concessionaire for movies at the Center Theater; ensures safety rules and regulations are upheld; operates cash register and fills out daily activity report when necessary for financial accountability; also, performs other duties as assigned. Incumbent must have experience working with a variety of ages in water activities, must possess a current senior lifeguarding certificate and must have a broad background in recreation areas. This is not a Civil Service position.

No. CS-8516, Recreation Assistant, PS-0189-07, \$5.56 per hour, Temporary Full-Time, Code 2242 — Incumbent plans, organizes, supervises and evaluates all phases of the adult athletic and intramural sports programs; supervises, trains and evaluates all athletic branch personnel; prepares an annual budget for the overall athletic program; serves as an advisor to the NWC Military Athletic Committee and on the board of directors for the Mojave Desert Inter-servic League. May serve as Head, Recreation Division, during his/her absence. Incumbent must have completed a four year course in an accredited college or university with major study appropriate to the field of recreation or physical education. **KSAs:** **Knowledge:** full-time supervisory experience which demonstrated an understanding of the goals, principles and techniques of recreation/athletic program administration; an understanding of the interests and motivations of individuals and groups; knowledge of athletic programs and swimming pool management. **Ability** — to deal effectively with supervisors, peers, subordinates and patrons; to communicate effectively both orally and in writing. This is not a Civil Service position.

No. CS-8517, Recreation Assistant, PS-0189-04, \$4.73 per hour, Temporary Full-Time, Code 2242 — Incumbent plans, organizes, supervises and implements an extensive Arts and Crafts Program, including, but not limited to, craft classes, ceramics, clay modeling, and model building; demonstrates and instructs the use of tools and techniques necessary to complete various selected projects; maintains an inventory of supplies used; promotes programs, and ensures that participants adhere to safety regulations; maintains recreation and craft area in orderly manner; evaluates arts and crafts programs based on overall success or interest and submits recommendations to Assistant Director, Community Services, for consideration in future planning; maintains resource information files to facilitate instruction and on-going program planning; supervises other staff in daily cash reports and verifies accuracy for accountability; also, performs other duties as assigned. Incumbent must be able to operate 16 mm movie projector with tandem capacity, or be willing to train to operate, for Youth Summer Matinees and class instruction. This is not a Civil Service position.

No. CS-8518, Child Care Attendant, PS-0189-02, \$4.09 per hour, Temporary Full-Time, Code 2242 — Incumbent directs children during play time indoors, outdoors, and on field trips; supervises children during eating time; helps children with bathroom duties; keeps children clean and happy; works with After School Youth Center Program Attendant III and carries out directives given by supervisor; helps with necessary clean-up of play rooms, eating area, playgrounds and sleeping rooms; aids in preparation and clean-up of art and craft materials; helps in classroom activities wherever and whenever needed. Attendant must be capable of determining when a child is sick and alerting the supervisor to the condition in order to isolate the child and avoid the spread of contagious diseases to other children in the center. Attendant will be a high school graduate or equivalent; be familiar with techniques of consoling a frightened or injured child; be familiar with techniques of disciplining children, i.e., when it is needed, how to administer, and when an alternative would be more appropriate; and, be familiar with first aid and fire safety procedures. This is not a Civil Service position.

No. GY-8519, Supervisory Recreation Specialist, UA-0188-09, \$21.804 per annum, Plus Benefits, Permanent Full-Time, Code 221 — Incumbent plans, organizes, supervises and evaluates all phases of the adult athletic and intramural sports programs; supervises, trains and evaluates all athletic branch personnel; prepares an annual budget for the overall athletic program; serves as an advisor to the NWC Military Athletic Committee and on the board of directors for the Mojave Desert Inter-servic League. May serve as Head, Recreation Division, during his/her absence. Incumbent must have completed a four year course in an accredited college or university with major study appropriate to the field of recreation or physical education. **KSAs:** **Knowledge:** full-time supervisory experience which demonstrated an understanding of the goals, principles and techniques of recreation/athletic program administration; an understanding of the interests and motivations of individuals and groups; knowledge of athletic programs and swimming pool management. **Ability** — to deal effectively with supervisors, peers, subordinates and patrons; to communicate effectively both orally and in writing. This is not a Civil Service position.

No. 24-133, Clerk-Typist, GS-322-3/4, Code 2422 — Position is located in the Personnel Security Section of the Information Security Branch. Incumbent performs clerical duties which include typing clearance letters and messages, originating foreign travel messages, maintaining logs; filing; and mailing. Position provides support in personnel security actions. **Elements:** Ability to acquire knowledge of regulations and directives relating to personnel clearances, message processing and foreign travel requirements. Ability to learn fingerprinting techniques. Ability to effectively interface and communicate orally and in writing. Status eligible may apply. Promotion potential to GS-4.

April 12, 1985

No. 25-065, Lead Purchasing Agent, GS-1105-6/7, PD Nos: 8325018N, 8325034N, Code 2522 — Two vacancies. Incumbent is responsible for providing the entire range of small purchase support to a customer assignment, including procuring standard commercial items as well as specialized equipment, material, and services. Incumbent will be using a state-of-the-art On-line Automated Supply Information System (OASIS) to accomplish these tasks. **Elements:** Ability to lead; knowledge of small purchase methods and regulations; ability to deal effectively with personnel at all levels; ability to work without close supervision; ability to utilize a computer terminal and management information system.

No. 31-142, Electronics Technician, DT-856-2/3, Code 31142 — Senior technician for WSSF work station and avionics development and maintenance. Duties include the electronic maintenance of test consoles; trouble shooting and testing of electromechanical and hardware subsystems; layout and electronic design of test consoles and related components. Work is accomplished from blueprints, drawings, sketches, and verbal instructions from the section head. **Elements:** Knowledge of fabrication, documentation and maintenance standards and practices, experience in Fletcher digital design technique is highly desirable; ability to operate test equipment such as a logic analyzer, work well under pressure and adjust to program changes. Promotion potential is DT-3, however promotion is not guaranteed. Previous applicants need not reapply.

No. 31-152, Supervisory Mathematician, DP-1520-3, Code 3191 — Position is that of Head, Systems Engineering Branch. Branch is responsible for integration of major avionics subsystems to form an aircraft weapons system. The branch performs tactical (avionics) system tradeoff and design studies, including detailed system functional design, interfacing requirements and modeling design. The incumbent will provide overall direction, coordination and management of branch activities. **Elements:** Knowledge of weapons systems control functions. Knowledge of avionics equipment operations and interface. Knowledge of digital processing techniques associated with navigation, weapon delivery and system modeling. Knowledge of NWC personnel policies and procedures. Ability to apply NWC EEO policies and procedures. This position has promotion potential to DP-4, but is not guaranteed.

No. 32-149, Machinist, WG-3414-10/11, Code 3272 — Responsible for performing complex and non-routine machine work in the manufacture of a variety of experimental rocket and missile motors, igniters, or their components. One-of-a-kind jobs involving unusual machining problems; planning sequence of operations; machine setups; maintaining close tolerances while working on experimental compositions being machined by remote control under specialized coolants. **Elements:** Ability to work precisely with tolerances of from 0.002 to 0.005 inches; to read blueprints and understand specifications; to work from rough sketches and verbal instructions; to utilize templates, micrometer, height and depth gauges, indicators and other precision measuring devices. Supplemental required. Readvertisement of previous ad. Previous applicants need not reapply.

No. 43-019, Computer Systems Analyst, DS-334-2/3, Code 3404 — Serves as system administrator for the TID network of the Xerox Office Information System (XOIS). Provides hardware/software support for microcomputers such as IBM PCs and Digital equipment. Trouble shoots equipment malfunctions; provides users assistance in computer use/applications. Analyzes computer system requests and makes recommendations for selection/use of equipment. **Job Elements:** Ability to deal effectively with people. Knowledge of XOIS equipment and other microcomputer systems and applications. Ability to communicate effectively.

No. 35-047, Interdisciplinary (Engineering/Electrical Engineering/Computer Engineering/Electronics Technician), DT-802/856-3, Code 3511 — This position is for a digital systems technician to head the further development of the HARM SSSF hardware and software. The incumbent will be responsible for project definition, planning, and implementation. Tasks include improving automation and validation of the digital software test system. Approach will be drawn from branch, center, and industry experience. This branch supports this effort with state-of-the-art software and hardware planning, development, measuring, configuration management, and documentation computer hardware and software tools. **KSAs:** Knowledge of digital hardware design and hardware/software integration; technical planning; realtime software facilities. Ability to plan digital systems technology tasks with multi-disciplinary staff; work with personnel at all levels and to task a support staff; present plans to on and off-Center sponsors.

No. 35-046, Computer Specialist, DS-334-01, Code 3554 — Incumbent provides analysis, consultation, evaluation, and administration for EWTS Computer Center operations effort. Work schedule is first forty. **KSAs:** Knowledge of computer operations and coordination of the VAX-11750 and 100/60. Skill in procurement of technical equipment, systems, and services. Ability to communicate effectively, orally and in writing, with all levels of personnel. Write small programs in DCL, higher level languages and Datatrieve. Promotion potential: DS-3.

No. 36-226, Quality Assurance Specialist, DS-1910-3, Code 3682 — Assists senior specialist in the implementation of quality assurance and quality control practices, principles, methods, techniques and disciplines during the planning, design, fabrication, testing and production of weapon systems, related equipment and components. **Elements:** Ability: to communicate effectively, both orally and in writing; to apply quality assurance specifications and instructions to government contracts.

No. 39-030, Electronics Engineer, DP-855-2/3, Code 3957 — Provides technical knowledge in electronic systems engineering in support of ACIMD/OABM brassboard system integration and test. Works directly on analog and digital circuits, subsystem interfaces and controls. Will work closely with electronic technician using automated test equipment. **KSAs:** Knowledge of electronic and RF design principles and practices; experience in analog and digital circuit design and debug; familiarity with use of automated test equipment. Ability to communicate, coordinate, and interface effectively with employees at all levels. Status eligibles may apply.

No. 39-031, Electronics Engineer, DP-855-2/3, Code 3957 — Supports development, test, and production of RF air-to-air missiles such as the Sparrow AIM-7M and various derivatives. The incumbent analyzes the system/subsystem design and test procedures to insure design and documentation adequacy. Reviews hardware and testing engineering change proposals (ECPs) to maintain the system performance and producability. Be able to design and supervise engineering tests on the branch test equipment to verify system/subsystem performance and/or proposed improvements. Provides liaison to the alternate contractors in clarification/interpretation of the design documentation and test procedures. **KSAs:** Knowledge of analog and digital design principles and practices utilizing military specifications and production engineering constraints; ability to perform assigned duties independently; to communicate clearly, both orally and in writing; to interface effectively with off- and on-Center professionals. Status eligibles may apply.

No. V62-016, Electronics Technician, DT-856-1/2/3, Code 62221 — Technician for SNORT Track. Duties include providing, specifying, operating, and maintaining data acquisition equipment and performing environmental tests on guided missiles, aircraft, ordnance, and high-speed transport items. **Elements:** Knowledge of

and ability to operate standard laboratory measuring devices; knowledge of instrumentation systems; knowledge of timing information and time-correlation techniques; ability to work effectively as part of a team.

No. V62-017, Ordnance Equipment Mechanic Leader, WL-6641-10, Code 62232 — Incumbent leads at least three other employees in the following: assembles, disassembles, modifies, adjusts, repairs, services, and operates specialized ordnance equipment used in the experimental testing of rockets, guided missiles, projectiles and high explosive items. **Job Elements:** Knowledge of specifications, drawings, blueprints and related ordnance instructions; knowledge of hydraulic power drive systems, filters, seals and hoists; mechanical ability to make modifications to meet test specifications; knowledge of ordnance safety regulations. Ability to act as a group leader knowledge of equipment assembly, installation, repair etc; tools and

equipment; measuring instruments; instructions, specifications, etc; troubleshooting; technical practices. Supplemental required.

Detailed Assignment Opportunity: The Professional Recruiting Office is interested in providing an opportunity to a current NWC employee to learn more about professional recruiting. The successful applicant will spend four (4) months (May-September) in that office, working directly with the Center's Professional Recruitment Coordinator. Duties will include participating in major advertising campaigns, screening applications, communicating with applicants and with Center managers to expedite quality hiring of Scientists/Engineers (S&E's), along with involvement in pay setting, qualification review, etc. To apply for this detail assignment, send an updated SF-171 to Karen Altieri, Code 09201, ext. 3371, prior to close of business on April 19, 1985.

Secretarial opportunities

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

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 06-02 Secretary (Typing) GS-318-5/6, Code 062 — Incumbent provides secretarial support to the T&E Directorate Staff Office, Code 062 and will additionally provide secretarial support to the T&E Directorate Office (Code 06).

No. 36-224, Secretary (Typing), GS-318-5, Code 36405 — Provides secretarial support to Associate Division Head, Shop Operations.

personnel development opportunity



EFFICIENT FORTRAN TECHNIQUES FOR VECTOR PROCESSORS

29 April-2 May; 0830-1130, 1330-1600; Training Center. By: Joel Williamson, Pacific-Sierra Research Corp.

Scope: Introduction to vector and parallel processing. The architectures of the following machines are discussed and compared: the CRAY-1S, CRAY X-MP, CRAY-1M, CYBER 205, UNIVAC APS, FPS 164, Star Technologies ST-100, Denelcor HEP, and Fujitsu's VP-100/VP-200. The FORTRAN environments of each system are analyzed and compared. Issues such as scalar and/or vector optimization by the compiler are discussed. Optimization techniques are discussed for improving scalar code, vector code, and I/O-intensive sections of programs. Performance comparisons between the leading supercomputers are presented in an unbiased analysis of the strengths and weaknesses of each computer.

Deadline: 15 April.

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. 31-153, Interdisciplinary, Computer Scientist, Electronics Engineer, Physicist, Mathematician, Mechanical Engineer, General Engineer, Aerospace Engineer, DP-1550, 855, 1330, 1520, 830, 801, 861-3, Code 3105 — Program Office is responsible for providing detailed engineering support to NAVAIR on the AH-1J/T onboard tactical computer systems and Operational Flight Programs, including weapons system. Incumbent will be the AH-1J/T Weapons Integration and Systems Hardware Engineer responsible for providing engineering team management and acting as a central point of contact in the technical planning, scheduling, budgeting and coordination for the integration of the Hellfire, Sidewinder, and Stinger into the AH-1J/T aircraft. **Elements:** Knowledge of the Sidewinder Missile and its Support Systems; of FMS policies and procedures; of and willingness to support NWC EEO policies and goals. Ability: to communicate effectively with all levels both orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; to interface effectively with foreign nationals. Willingness to travel extensively, including foreign travel. Eligible DP-2s may apply. Submit current SF-171 to Lee Sutton, Code 3604.

tracking radar systems, and/or aircraft platforms. Work is coordinated with that of other team members. Experience with realtime programs and VAX computers is desirable. Send an updated SF-171 to Terry Wilson, Code 3512.

No. 36-225, Interdisciplinary, General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist, DP-801/830/850/855/861/1310-3, Code 3604 — Responsible for the technical management of assigned Sidewinder Foreign Military Sales (FMS) efforts at NWC. Will task and coordinate the efforts of various NWC branches, primarily in Code 36, in a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. **Elements:** Knowledge: of the Sidewinder Missile and its Support Systems; of FMS policies and procedures; of and willingness to support NWC EEO policies and goals. Ability: to communicate effectively with all levels both orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; to interface effectively with foreign nationals. Willingness to travel extensively, including foreign travel. Eligible DP-2s may apply. Submit current SF-171 to W. Chartier, code 3105 x 5224.

No. 35-048R, Interdisciplinary (General/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-1/2/3, Multiple Vacancies, Code 3512 — Incumbent designs software and/or develops mathematical models for computer simulation of electronic countermeasures, 3604.

Eight personnel serving teams organized

This is the second of 8 articles featuring the personnel servicing teams. The Personnel Department recently organized the Service Divisions into 8 personnel servicing teams. Each team is composed of 4 members: 2 personnel assistants and 2 personnel management advisors.

This week spotlight is on the team providing personnel services to Codes 06, 14, 61, 62, 64, and VX-5.

Team members are:

Dan Burnett

Dan Burnett recently returned to the NWC Personnel Department after spending two and a half years working in personnel for the Army throughout Germany. Prior to going to Germany Dan served as PMA, the NWC Professional Recruitment Coordinator, a Budget Analyst and an Administrative Officer in the Engineering Department. Dan has a BA in Political Science from California State University, Long Beach and one year of graduate education in Public Administration. Dan serves as co-lead PMA for this team.

Melissa Dukes

Melissa Dukes also recently returned to the NWC Personnel Department after four years at Puget Sound Naval Shipyard in Bremerton, WA. Melissa began her federal career as an administrative co-op at China Lake assigned to Code 063. She received a BA in American Studies from California State University, Fullerton, and recently began working on an MS degree in Human Resources Management from USC. Melissa serves as co-lead PMA with Dan Burnett.

Vel Gilbreath

Vel Gilbreath, a native of Colorado, recently joined the Personnel Department after one year with the Maintenance Utilities Division of Public Works, where she began her NWC career. Since joining the Personnel Department, Vel has worked with the Test and Evaluation Directorate and in addition, will now assist Code 14.

Ann Ryan

Ann Ryan, a native of Missouri, is the newest member of the team, joining the Personnel Department on April 1. Prior to that, Ann worked in Code 08 Disbursing Office. Ann came to China Lake in 1962 when NWC was still known as NOTS. She has also worked for codes 32 and 33.

Dan and Melissa are located in Room 115 of the Personnel Building while Vel and Ann are located in Room 116. Members of the team can be reached on extension 2393.



Melissa Dukes Dan Burnett Vel Gilbreath Ann Ryan

at Cerro Coso within the past 10 months, so indicate on your training request. This will help speed up the registration process. (Code 094)

CORROSION CONTROL

10-14 June, 0800-1600, Cerro Coso Community College. By: Lloyd Gilbert, U.S. Army Armament.

Scope: Reviews the state of the art of corrosion abatement. The importance of selecting materials and coatings with a view toward the natural or man-made environment in which it operates will be stressed. Design principles will be reviewed in relation to the various types of corrosion such as water intrusion, galvanic, or vapor corrosion. Actual military equipment will be used to illustrate the problems that evolve when erosion protection is not provided in equipment. While intended for design engineers, the course content is extended to include areas of value to production, procurement, standardization, quality assurance, and depot maintenance personnel.

Deadline: 24 May.

For this class submit a DD Form 1556 through proper channels. If you have attended a training class

April 12, 1985