

HAPPY EVENT — Bill Cooper, Treasurer of ESB, presents Cdr. John Thompson, head, Recreational Services Department, with a check. The support from ESB helps Recreational Services in its mission to provide a well-rounded program of wholesome and constructive activities for NWC's Navy and civilian personnel and their families.

Seminar set for new babysitters

Advanced registration is not necessary for a baby-sitting seminar sponsored for boys, girls and young adults aged 12 through 18. The seminar will be held Tuesday, June 23 from 9:30 to 11:30 a.m. in the east wing of the All Faith Chapel.

Topics include "Medical Emergencies," by LCDr. Dorothy Michael of the Branch Medical Clinic; "Keeping the Home Secure," by Detective Stanley Austin from the China Lake Police Division; and "In the Event of a Fire," by Inspector Kenneth Zurn of the Fire Division.

Following a 15-minute refreshment break during the program, a film entitled "Hot Liquid Burns," will be shown.

More information can be obtained from Inspector Zurn at NWC ext. 2146.

Elm tree beetle spraying slated

Spraying for elm tree beetles will commence the first of June. Those whose trees are scheduled to be sprayed will receive notices in advance of the spraying so that they can be sure that children and animals are inside during spraying and that no clothes will be on clothes lines or yard furniture out where it could receive any of the spray. Please watch for your appointment letter.

The cooperation of all station residents is necessary for this treatment to be successful.



Weather Report

	Max	Min	Peak Gust
Fri.	86	50	14 knots
Sat.	86	52	12 knots
Sun.	85	52	17 knots
Mon.	74	56	17 knots
Tues.	77	45	13 knots
Wed.	82	46	12 knots
Thurs.	86	49	-

All measurements are made at Armitage Airfield.

Money from ESB funds recreation activities

Recreation programs, such as those planned for the Center's new Youth Center, benefit from regular contributions by the Employee Services Board.

ESB is supervised by a five-member board appointed by Command, a union representative and a technical advisor. Doris Funk is the ESB manager and can be reached at NWC ext. 2929.

Current ESB programs and facilities include the Bennington Plaza Barber and Beauty Shop, the Sandwiches 'N Things catering trucks, a community recycling center located on Richmond Road near the

south gate and a shoemobile which visits the Center every six weeks.

ESB was instrumental in obtaining permission from Washington to establish the private postal service which is available on Center for the convenience of military and civilian residents.

Civilian nonappropriated fund activities such as ESB are not allowed to be operated for the purpose of accumulating funds, so profits from their services are used to improve the services and facilities and to support welfare and recreation programs that benefit civilian employees of the facility.

Nobelist to talk at NWC

Dr. Murray Gell-Mann, a Nobel prize winner in the field of physics, will be guest speaker at the annual open dinner meeting of Sigma Xi held at the Enlisted Mess on Thursday, June 4. All interested persons are invited.

Dr. Gell-Mann will talk about "super strings," the currently hot topic in the struggle to understand basic constituents of matter and energy. He is a gifted public speaker whose interests range through many fields.

The meeting will begin with a social hour at 6 p.m., to be followed by dinner at 7 and the program at 8. Cost of the dinner is \$11 per person.

Tickets must be purchased in advance. They can be reserved by telephoning any of the following: Francis Canning, NWC ext. 3932; Don Decker, NWC ext. 3247; Dave Gillespie, NWC ext. 3124; Carl Helmick, NWC ext. 1415; Gary Hower, NWC ext. 3219; Dave White, NWC ext. 3069; Glenn Roquemore, NWC ext. 3356; and Mike Stringham, NWC ext. 1033.

Summer classes set for youths

All youth in grades 1-6 are eligible to attend the "Movin' On Up Club" at the Youth Center from 6:45 a.m. to 5 p.m., Monday through Friday, from June 15 to September 4.

The five two-week sessions consists of themes such as "The Fantastic Outdoors," "It's A Small World," "Lights, Camera Action," "Extra, Extra! Read All About It!" and "On Your Mark, Get Set, Go!"

Each session is a learning experience that will help to guide children into well-rounded individuals.

The fees for each two-week session are \$76 per child for active duty and retired military dependents and \$84 per child for DOD dependents.

Registration is now being taken at the Youth Center. For more information on this program call Robyn King at NWC ext. 2909.

Movies

FRI, SAT, SUN.	MAY 29, 30, 31
"CHILDREN OF A LESSER GOD"	Starting
William Hurt and Marlee Matlin	(Romantic Drama, rated R, 119 min.)
WEDNESDAY	JUNE 3
"KING KONG LIVES"	Starting
Brian Kerwin and Linda Hamilton	(Fantasy, rated PG-13, 105 min.)
FRIDAY	JUNE 5
"THE MOSQUITO COAST"	Starting
Harrison Ford and Helen Mirren	(Adventure, rated PG, 113 min.)
Starting Time: Evening / 7 pm	
ICI ALL AGES ADMITTED	General Audiences
IPGI ALL AGES ADMITTED	Parental Guidance Suggested
IRI RESTRICTED	Under 17 Requires Accompanying Parent or Adult Guardian

★ U.S. Government Printing Office
1987 — No. 40058

FROM _____

TO _____

PLACE STAMP HERE

Researchers capitalize on lab's rehabilitation

"We've got a brand new building that's more than 40 years old," says Dr. James Baldwin, head of the Applied Science Branch in the Ordnance Systems Department.

He's referring to Building 310 on the 3-inch line located about a half mile north of the administration building for CLPP. Buildings on the 3-inch line were originally constructed in the mid 1940s for producing extruded propellant used in the 2.75-inch rockets that were a mainstay for World War II and its immediate aftermath.

These buildings have been put to a variety of uses during the past four decades. They were among the earliest considered by Code 32 in its upgrade of facilities because the concrete structures are stronger now than when they were built. Building 310 is the latest and last to be upgraded on the 3-inch line.

Rehabilitating Building 310 for the use of chemists from the Ordnance Systems and Research Departments cost about \$500,000; building a brand new building that could provide the same facilities would cost between \$2 and \$3 million.

Dr. Baldwin says during the rehabilitation the laboratories and other facilities in the building were designed for the specific use to which they will be put: to serve as a "half-way house" for working with propellants and explosives in quantities of 20 to 500 grams.

"Chemists in the Research Department in Michelson Laboratory ordinarily work with energetic materials in very small amounts — 5 grams or less," said Dr. Baldwin, "because of the large number of people in that area. Developmental chemists in the Ordnance Systems Department often scale up to large quantities of energetic materials — several to many pounds. We are working the transition between. For instance, Code 38 has ordered a pint mixer for energetic materials; the next bigger is measured in gallons."

Chemists from both the Chemistry and the Engineering Sciences Divisions of the Research Department will be able to use

the well-equipped laboratories in Building 310. They, plus the multidisciplinary group in the Applied Sciences Branch provide a "critical mass of talent," Dr. Baldwin feels, that can meet the needs of the customer.

"Customers" include a wide range of groups from the Ordnance Systems Department and elsewhere on the Center as

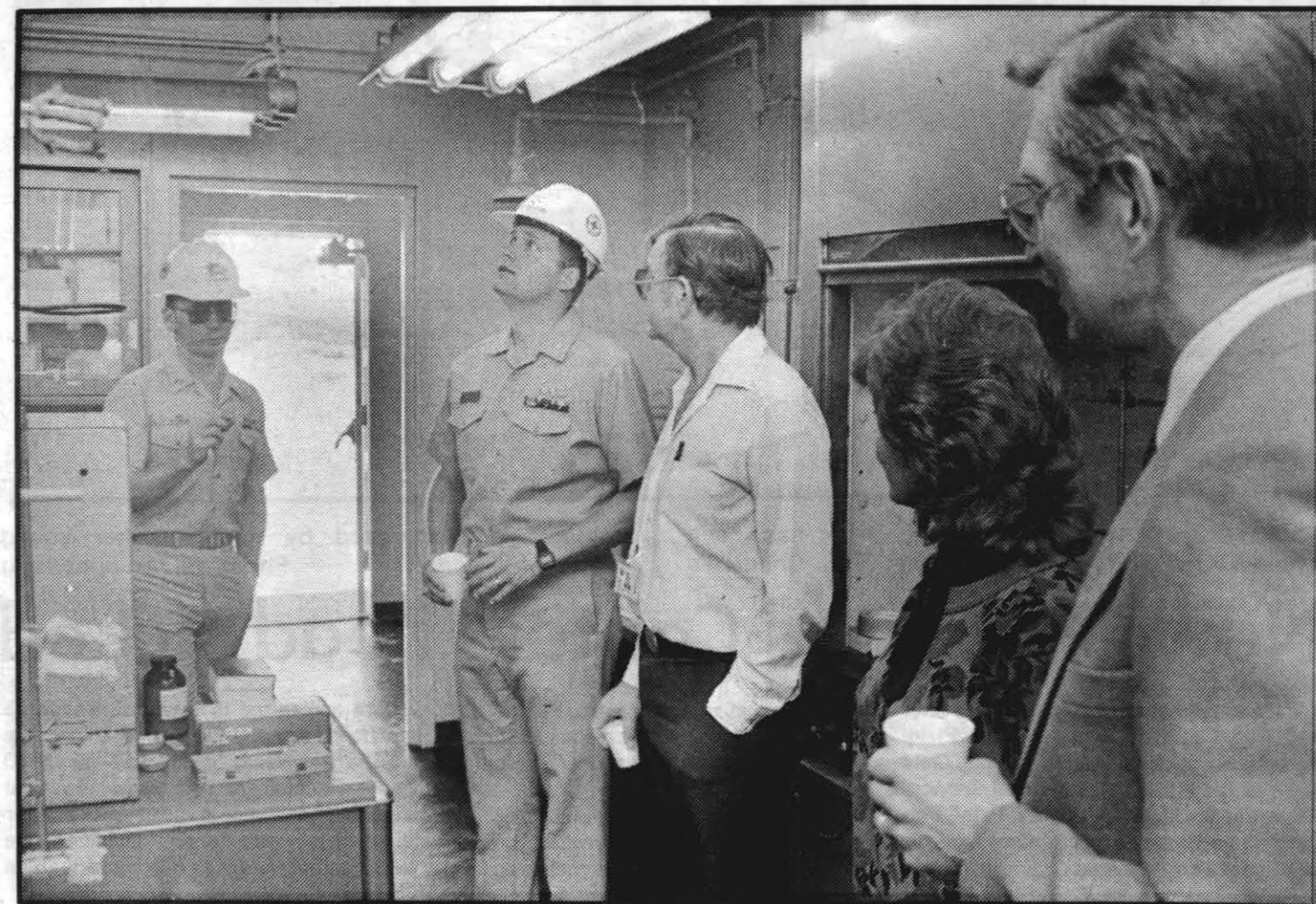
well as sister laboratories, the Office of Naval Research and other military services.

"Our charter is to provide applied research and exploratory development in the formulation of new materials for naval ordnance," Dr. Baldwin says. "We provide liaison between scientific and product development personnel to expedite transi-

tion of up-to-date research to Code 32 and other development programs."

Even more important to the effectiveness of their work than having excellent facilities is the quality and resourcefulness of the people in the Applied Science Branch, Dr. Baldwin believes. "As well as coming from a variety of disciplines, they are all

(Continued on Page 4)



INSPECTION — Looking over the rehabilitated building that will house personnel from both the Research Department and the Ordnance Systems Department are Lt. M.E. Durant and LCDr. J.L. Bullock of the Public

Works Department and Mel McCubbin, Brenda Blowers and Matt Anderson from the Ordnance Systems Department. An official opening was held Wednesday.



AIRLIFT — An estimated 1,000 Marines, and their vehicles, were airlifted to China Lake from Camp Pendleton starting Wednesday morning. A number

of Air Force C-141 Starlifters from Norton AFB carried out the airlift of Marine Air Contingency Battalion. — Photo by PHAN Bob Reynolds

Arms display tomorrow ends exercise

Everyone in the community is invited to inspect Marine weapons and vehicles tomorrow from 9 a.m. until noon in front of the Headquarters Building. These weapons and vehicles have been brought to NWC as part of the Air Contingency Battalion Exercise involving 1,000 Marines from Camp Pendleton that has been underway at China Lake since Wednesday.

Weapons that will be on display include a 105mm howitzer, a TOW (tube-launched optically-tracked wire command) anti-tank missile system, a Dragon anti-tank missile system, an 81mm mortar, a 60mm mortar, a SMAW (shoulder-launched assault weapon), a LAAW (light anti-armour

(Continued on Page 7)

Commercial enterprise contract signed for Rocketeer

Starting with next week's issue, The Rocketeer will sport a new and exciting look. Color, a new format and advertising will combine to make The Rocketeer more readable than ever.

The changes are the result of the Naval Weapons Center switching The Rocketeer to a commercial enterprise publication, under contract with Chalfant Press effective June 1.

Only the look will change. There will be a new size paper and business people in the community will use advertising to reach China Lakers as potential

customers. Denny Kline, NWC Public Affairs Officer and Mickey Strang, Rocketeer Editor, stressed the Center and Rocketeer staffers will continue to exercise all control over the editorial content of The Rocketeer. The Rocketeer staff will be responsible for writing, selecting and editing all the news and photographs appearing in the newspaper.

The staff looks forward to new challenges and new opportunities to give China Lakers the best in base newspapers with the advantages provided under the commercial enterprise contract with Chalfant Press.



ENJOYS JOB — Camie Fielder, who has been chosen as the new head of the Children's Centers, is surrounded by some of her young charges. — Photo by Jan Silberberg

New Children's Centers head picked

Former Enrichment Program Director at NWC's Children's Centers, Camie Fielder has recently been selected as head, Child Care Branch in the Recreational Services Department. Fielder replaces Polly Ferraro who accepted the Child Care Director position at Port Hueneme.

Fielder received her Bachelor of Arts of Child Development at Cal State Chico and she has completed thirty units of Masters work in Early Childhood Education.

Originally, Fielder planned to teach music to elementary school children. In a Music for Early Childhood class she was taking in 1982, however, Fielder learned that 98% of personality development occurs at age five. Recognizing a real need for quality teachers for pre-schoolers, Fielder focused her studies on young children.

She has over six years practical experience, including one year in a Ridgecrest pre-school, two years at NWC's Enrichment Center, three years substituting in Chico pre-schools and one year as assistant director at a private Christian pre-school in Chico. Fielder still carries her music background with her, though and regularly incorporates music into the learning experience.

For the next several months, Fielder will be working at completing the accreditation program begun in 1986 as a demonstration program at China Lake. If the NWC Children's Centers qualify, the child care program itself will be accredited through the Recreational Services headquarters element at Naval Military Personnel Command. This self-evaluation tool will give military child care centers higher standards of operation with accredited centers receiving nationwide seals of approval. Another area of major interest to Fielder is the possibility of funding for construction of a new child care facility. If funded, design of the facility could be contracted as early as FY 88.

Fielder notes that military child care has much better avenues for networking than the private sector. One of her personal goals is to use this vehicle to improve knowledge and skills of people working in military child care. With these improvements, Fielder hopes to see an increase in the self-esteem of professionals in the field. "Child care professionals should recognize their professionalism and not think of themselves strictly as babysitters," says Fielder.

All Faith Chapel sponsors new support group

"Beginning Again," a support group for the separated and divorced, is being formed by the NWC Chaplain's Office. The group will meet Tuesdays from 6:30 to 7:30 p.m. at 1905 Mitscher (across the street from the All Faith Chapel) starting June 16.

There is no charge and babysitting will be provided. Anyone interested is asked to register by telephoning NWC ext. 2873 or 5566. Space is limited so prompt registrations is essential.

Blood pressure testing available

May, National High Blood Pressure Month is nearly over but the NWC Branch Clinic's Occupational Health officials want to encourage China Lakers to continue to monitor their blood pressure. Free blood pressure tests will be administered at the clinic during normal working hours. In addition a nurse sets up shop in Michelson Lab twice a week for convenience of employees in the area.

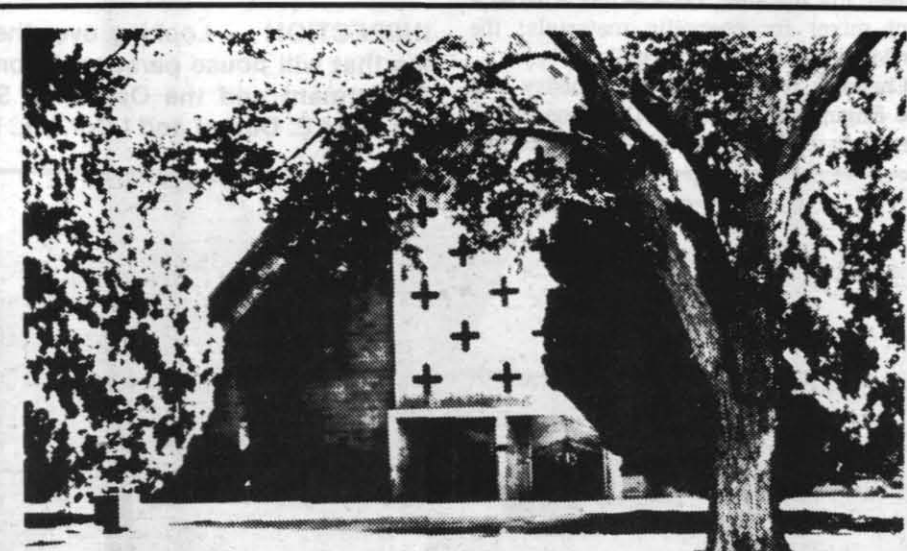
Nation-wide an estimated 58 million Americans have an increased risk of illness and death due to high blood pressure. This condition has been identified as a contributing factor in millions of heart attacks, strokes and kidney failures each year.

At NWC, clinic personnel want employees to know this service is available. Many workers in Michelson Lab take advantage of the program but occupational health officials want to see this number increase.

Employees can go to the Clinic's front desk when the facility is open and tell the receptionist they are there for a blood pressure check. At Michelson Lab the nurse sets up shop in Room 1019 on Tuesdays from 8 to 10 a.m. and Wednesdays from 1 to 3 p.m.

"We're here for their benefit," said Susie Hammon of the Occupational Health Office. She noted in addition to blood pressure readings, the office can provide health education literature or answer other questions for Center personnel. For more information on blood pressure testing call the clinic at NWC ext. 2911/201.

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)



Divine Services

Protestant
Sunday Worship Service 10:30 a.m.
Sunday School (September thru June) 9:00 a.m.

Bible Study (East Wing)
Wednesday 11:00 a.m. (September thru June)
Thursday 8:15 a.m. Men's Prayer Breakfast
7:00 p.m. Officer's Christian Fellowship
Christian Military Fellowship

Islamic
Jumaa Prayer (Friday in Annex 4) 1:00 p.m.

Roman Catholic
Sunday Mass 9:00 a.m.
Communion Service (Monday) 11:35 a.m.
Daily Mass (Tuesday thru Friday) 11:35 a.m.
Confession (Friday) 4:30-5:00 p.m.
Religious Education Classes (Sunday) 10:30 a.m.
(September thru May)

Jewish
Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Education (Saturday in Annex 4) 9:00 a.m.
Religious School (Saturday in Annex 4) 1:00 p.m.

Chaplain J. Milton Collins, CAPT, CHC, USN
Chaplain A.J. Smith, CDR, CHC, USN
Chaplain Claude R. Beede, LT, CHC, USNR
Hearing Impaired Equipment, Nursery Available
Phone NWC ext. 3506, 2773

Marines arrive for three-day exercise . . .

(Continued from Page 1)

assault weapon), a 50-caliber machine gun, an M60 machine gun, an M16A2 rifle and a M203 grenade launcher.

In addition there'll be the "Hummer," the high mobility multipurpose wheeled vehicle that replaces the Jeep and a "Dragon Wagon," a logistics vehicle system that can tow a variety of special purpose trailers.

Visitors of all ages are welcome — especially youngsters. Cameras are also permitted. Marines will be on hand to answer questions about the display.

Since Wednesday, Marine presence at China Lake has been both visible and audible as Air Force C-141 cargo aircraft have flown in 1,000 Marines from Camp Pendleton and all their support equipment. The Marines have been conducting an Air Contingency Battle Exercise on the Center's ranges that will end tonight.

Starting tomorrow morning, the C-141 aircraft will airlift the Marine personnel out of Armitage Field, with a C-141 scheduled to depart every hour on the hour until all the personnel have been returned to their base.



LOADED DOWN — Two Marines arriving at China Lake from Camp Pendleton are loaded down with gear for their stay in the Airport Lake area.



MARINE EXERCISE — The first planeload of Marines from Camp Pendleton arrived at China Lake for a

three-day Air Contingency Battalion exercise early Wednesday morning.

NWC Rocketeer

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NWC Commander

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

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

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriate funds by a commercial firm in compliance with NA VSO P-35 revised May 1979. Office at Nimitz and Lauritzen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.



Youth soccer league finishes 1987 spring season

As the season finished, the final NWC's Youth Soccer league games were played under threatening skies. Learning the game, good sportsmanship, and having fun were the goals these teams made this season.

Rogues 4, Fury 0

Great plays by Jill Stansil, Nickolas Cherney and Ken Kuieck, along with goals by Nathan Nickle, Richard Byers, David Caraker and Rigel Frame led the Rogues to victory. Being short handed hurt the Fury but Tommy Watt, Tim Seifert and Kelly Richison made goods tries in the loss.

Kicks 3, Diplomats 1

Kicking in goals for the win were Brad Harper, assisted by Jerry Green; David Moreno; and Jerry Green, assisted by Josh Benson. Good defensive plays by Sean Cassidy; interesting plays by Garrett Katzenstein, Butch Boswell, Chris Bjornstad, Jimmy Cribb, Hugo Montes and Tristen Smith; and a goal by Marcus Lopez weren't enough for the Diplomats.

Rogues 3, Whitecaps 0

The first half saw good plays by both teams, but a goal on a penalty kick by Steve Mills, two assists by Rigel Frame and goals kicked by Steve Mills and Nathan Nickle won the day. Strong team

efforts by Whitecaps' Ted Mechtenberg and Alan Hartley weren't enough to keep the Rogues from winning the last game of the season.

Stings 5, Lancers 0

Good team work by Bill Yeager, Erik Wunderlich, Kenra Sharon, and Jason Ford along with goals by Akini Garret and three goals by Michael Frederick made an easy victory for the Stings. Jonathan Mickelsen made two great saves as goalie for the Lancers and Randy Martin played a fine defensive game, but it wasn't enough.

Sockers 4, Earthquakes 0

Kyle Gentry, Greg Greedy and Ryan Lilly scored in the win. Good work by Gentry and Brandon Rivera and key plays by Jason Rollingson and John Hoepck allowed the Sockers to score. Good plays by Philip Nave, Matt Hill and Michael

Schuchman weren't enough in the loss.

Roadrunners 3, Coyotes 0

With help from the goalies, the Roadrunners kept the Coyotes scoreless. Salvador Ramirez and Nick Charlton provided the Roadrunners with three goals and the victory. Good team effort and plays couldn't help the Coyotes.

Owls 1, Apollos 0

The Owls' strong aggressive defense held the opponents scoreless while Jeremy Wiegert kicked in the winning goal. The entire Apollos team tried but couldn't offset the score.

Express 0, Rowdies 2

Three saves by Express' Danny Frank held the Rowdies at bay and scoreless in the first half. Then the Rowdies declared war, but only managed to slip in two. Interesting players for the Express were Ja-

son L., Chris M., Sean S., Todd D., and Candence with two saves of her own. The Rowdies did not turn in a score sheet.

Tornados 3, Roughnecks 2

Excellent team play by the Tornados and goals by Philip Johnson and Chad Shedlock led the Tornados to victory. The Roughnecks didn't turn in a score sheet.

Cobras 1, Eagles 0

Timothy Best scored the only goal of the game. Joshua Kirkpatrick, Jesse Weston, Scott Girous and Anthony DeCarlo played a good game in the win. The Eagles didn't turn in a score sheet.

Sounders 8, Whitecaps 2

Ending the season undefeated, the Sounders had reason to celebrate. Beau Arnold came through this game with four goals, Jamie School scored two and Miles Ross and Damon Kelling each contributed one goal. All the players playing together pulled in the victory. The Whitecaps didn't turn in a score sheet.

Drillers 1, Strikers 0

Scoring the only goal of the game was Chris Potten. Lewis Moore, Jesse Lewis, Jeremy Polich, Mark Castillo and Jeff Caruso all pulled together and left the Strikers scoreless. The Strikers didn't turn in a score sheet.



Sports

Three unbeaten in softball league

Intramural Softball League action finds three teams with unbeaten records. Four more squads in the 12-team loop have yet to taste victory in the early part of the 1987 season. Desert Sun Air and the Outlaws are both 3-0 while TNT sports a 2-0 record. Bad to the Bone and Softball Team are tied for fourth place with 2-1 records. Softball action continues at NWC's Schoeffel Field Monday through Thursday nights with games starting at 6 p.m.

Two summer sports ready to start

NWC personnel will be taking part in two more summer leagues starting the week of June 15. A Summer Adult Basketball League and a Military Intramural Golf League will be in action this summer. Anyone interested in either of these leagues should call the Center Gym at NWC ext. 2334.

B-Mountain Bash goes tomorrow

Tomorrow (Saturday) at 8 a.m. the Navy Relief Society's Annual B-Mountain Bash will be staged by the Explosives Ordnance Disposal Detachment at China Lake. The race, for runners and mountain bikers, begins at 8 a.m.

CLMRG offers mountaineering class

Members of the China Lake Mountain Rescue Group (CLMRG) will again teach a basic mountaineering and mountaineering safety class for six weeks starting June 9. The class, limited to 40 students, is free and is open to interested and physically capable students 16 years of age or older. Anyone interested should register by mail with name, address, phone, reasons for taking the class and past experience, if any. To register write to CLMRG, Attn.: Renta/H. Derickson, P.O. Box 2037, Ridgecrest.



PITCHING DUEL — Mike Larson lets go of a fastball as the Dodgers in China Lake Little League's Major Division faced the Yankees last Friday night. The Dodgers fell in a 6-3 encounter. — Photo by Peggy Shoaf

Cyclists cleaning desert

Tomorrow and Sunday, American Motorcyclist Association, District 37, motorcycle clubs will be cleaning up a heavily used area of the desert on Trona Road, 17 miles east of Highway 395 and Trona Road Junction near the town of Red Mountain. The start of the clean-up is scheduled for 10 a.m.

It is hoped that 75 volunteers will volunteer to spend their weekend cleaning the area of trash in an effort coordinated with the Bureau of Land Management. For more information contact Ed Butler, (213) 633-3369.

Summer weather increases hazards along Kern River

Pleasant, warm summer days can bring tragedy to those who try to cool off with a dip in the Kern River or in many of the other streams, rivers and canals in the area. On May 10th the first drowning of the year occurred in the Kern River. Officials of the Sequoia National Forest remind vacationers that although the rivers and streams are not as high as they have been in other years, they still are extremely dangerous.

Currents are powerful and treacherous, the water is very cold and footing is unstable and hazardous. Submerged

hazards may exist. To cross a river safely, basic rules include: Cross rivers only at bridges. Swimming or rockhopping can be fatal. Children and adults should stay a safe distance from the water's edge. Always keep children in sight. Stay off rocks and logs and stay away from banks. They may appear secure but often are unstable and slippery. Never dive into any river or stream. Alcohol, drugs and streamside should never be mixed.



The Skipper Sez...

QUESTION

Easy Road is one that goes down by the Range Control Center and there is no sign designating this street although we have signs for roads that are not even in use and probably won't be in use plus for dirt roads way out in the middle of no where. On top of that, the sign that shows the direction to the RCC and Thompson Lab is right there in the intersection, so that by the time you can finally see it, you have already missed the turnoff. That particular sign also blocks the stop sign at that same place. So we need a road sign there and to move the one showing where the RCC/Thompson Lab route is. Thank you.

ANSWER

The Thompson Lab/RCC sign will be relocated to the east before the Easy Road turnoff. Also, a standard street sign for indicating the Sandquist/Easy Road intersection will be installed.

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. John Burt. Please call NWC ext. 2327 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.

Achievers, inventors honored

Awards lunch set June 10

Only a few days remain to make reservations for the luncheon at which the L.T.E. Thompson and William B. McLean Awards will be presented. The luncheon will be held at 11:30 a.m. on Wednesday, June 10; cut-off date for making reservations is Thursday, June 4.

The L.T.E. Thompson Award is the Center's highest form of recognition of individual achievement. The William B.

McLean Award honors outstanding creativity on the part of personnel who make significant inventions in furtherance of the Center's mission.

Luncheon menu choice for the meal at the Commissioned Officers' Mess are either a chef salad or sweet and sour pork with rice. Either choice if \$5. Reservations can be made by telephoning NWC ext. 2592.

Memorial Day services set at cemetery at 10 tomorrow

Memorial Day will be observed by the fraternal and veterans organizations in the Indian Wells Valley with services tomorrow at 10 a.m. at Desert Memorial Park cemetery.

Capt. John Burt, NWC Commander, will

be guest speaker for the program, which will be chaired by A.C. (Skip) Bennett of the Fleet Reserve Association, Branch 95. Capt. J.M. Collins, the Center's senior captain, will serve as chaplain for the services. Lunch will be served at VFW Ship 4084

following the ceremonies, with the day's program serving as a ticket to the luncheon.

All organizations are asked to participate by bringing their flags and having a representative present to lay a memorial

wreath.

All local residents, especially young people, are invited and urged to attend to render homage to those who sacrificed their lives to defend this country.

Center, Heart Association to work together

Tuesday afternoon Capt. John Burt signed a Memorandum of Agreement between the American Heart Association and the American Heart Association that NWC will participate in the implementation of the "Heart at Work" program.

Kate Frey, R.N., Kern County Chairperson of the Heart at Work Committee and Heather Marzolf, office manager of the Kern County Heart Association, represented that group at the signing.

Capt. Burt said he was pleased that the Center had entered into a Wellness program because he believes that "If you're in good shape, it shows up in your work practices."

If the program proves to be as effective as he and Jim Bowen, who heads the Center's Wellness program believe, Capt. Burt added, it should result in forming new health habits that will also influence the health of the families of Center personnel.

Washington is increasingly emphasizing the role that physical fitness plays in enabling Navy personnel to accomplish their mission, Capt. Burt noted, as he signed the agreement.

The Memorandum of Agreement notes that the Heart Association will provide volunteers to assist in various ways with implementing the modules of the Heart at Work program as well as making available low cost educational audio visual and other Heart at Work materials. NWC will appoint a program coordina-

tor and site coordinators, arrange for maximum use of the modules provided, and provide funding appropriate to the level of implementation desired.

The Heart Association and the Center will work together to collect information

to evaluate the effectiveness of the program. Any information involving the names of individuals will be kept confidential.

Mrs. Frey noted that 10 companies in Kern County have expressed an interest

in the Heart at Work program, and two have already implemented it.

She added that the program hopes to involve both the employee and family members in effecting a life style change leading to better health for all.



AGREEMENT SIGNED — Capt. John Burt, NWC Commander and Kate Frey, who chairs the Kern County Heart at Work program, sign a memorandum of agreement signifying that the Center and the Heart

Association will co-sponsor the program here. Heather Marzolf, also of the Heart Association, watches. A survey of China Lake personnel wishes regarding a program is underway. — Photo by PHAN Bob Reynolds

Sierra Desert Gun Club sets hunter safety class

Tuesday, June 2 is the deadline for registering in the hunter safety class being offered by the Sierra Desert Gun Club on June 6-7.

All first-time purchasers of California hunting licenses must first provide proof they received training in firearms safety, sportsmanship, game management and conservation from a certified hunter safety instructor. Upon successful completion of this course, a valid hunter safety certificate will be issued to each student. This certificate must be presented to the licensing agent when buying that first California hunting license.

Students in this class will receive about

15 hours of classroom instruction including a one-hour, written final exam. Sierra Desert Gun Club will provide its facilities on board the Naval Weapons Center and certified instructors for this class.

The class is open to all area residents, 12 years of age or older and is limited to the first 50 students to register. This is the first of two classes to be offered this summer by the gun club.

There is a \$10 registration fee, \$8 of which is refunded upon successful completion of the course. Additional information will be available at the lobby of the Ridgecrest Police Station tomorrow (Saturday) from 9 a.m. to 1 p.m. and Tuesday from 7 to 9 p.m.

Golfers have opportunity to strengthen their game

Young golfers who know the basics of the game but want their skills refined or honed to a razor's edge, can take intermediate or advance golf lessons through the Naval Weapons Center's Recreational Services Department on two mornings a week starting June 22.

Scott Oliver, a former BHS golfing star, will teach the intermediate class on Monday and Wednesday mornings, while the advanced class meets Tuesday and Thursday. Sessions start June 22, July 13 and Aug. 3. For additional information call the Information, Ticket and Tour Office



NEW CONTRACT — Capt. John Burt, NWC Commander, is flanked by Ed Rockdale, Labor Relations Specialist in NWC's Personnel Department and John C. Dugan, representing the China Lake Police Officers Association as they sign a new contract between the Naval Weapons Center

and the police officers. Looking on were (from left): Roy Parris, head, Safety and Security Department; Jim Brown, Chief of Police; Capt. Virgil Kennedy and Officer Charles Franco, representing CLPOA negotiators.

NOTES Pages from the Past

During World War II one of the methods seen as potentially useful for setting off atomic bombs was an implosion method that required high explosive charges as initiators. The decision was made to build a plant to manufacture these charges at a remote desert site — the Salt Wells area of China Lake — where scientific and technical personnel from the California Institute of Technology were already engaged in war work along with the Navy.

Despite the shortage of both supplies and personnel the plant was to be built within 100 days and was to conform to high-explosive safety standards as well.

Dr. Bruce H. Sage, leader of Section 5 of the Office of Emergency Management (scientific research) conferred with Capt. William (Deak) Parsons of the Navy and Dr. Charles C. Lauritsen and decided that the appropriate place for this plant would be at Salt Wells, east of the main site of China Lake.

Construction began on a three-shift, no-days-off basis in January 1945. Army officers were waiting at some of the plants manufacturing equipment for the new facility; the minute the equipment rolled off the assembly line it would be tagged for its move to Inyokern.

The first explosives were poured in the new facility only 155 days from the start of construction — on July 25, 1945, a mere 9 days after the first test of an atomic bomb at Alamogordo.

Educators to hold outdoor seminar

Forty teachers and professional resource people will be able to enroll in an Environmental Education Workshop sponsored by Sequoia National Forest, Fresno Pacific College, Kern County Superintendent of Schools, Southern California Gas Company and Free-Forest Interpretive Association.

The workshop will be held at Montana de Oro State Park in Los Osos from June 21 through 26, and will provide 3 hours of college credit for the 5 days. The workshop begins Sunday at 3 p.m. and lasts until the following Friday at 3 p.m.

Registration costs at Fresno Pacific College are \$72 for the 3 hours credit, and housing and meals are an additional \$60. Scholarships are available on completion of the class.

Workshop materials are applicable for Kindergarten through 12th grade.

For further information or to register, contact Art Crowley, Sequoia National Forest, 900 W. Grand Avenue, Porterville, CA, telephone (209) 784-1500 or John Lindsay, Kern County Superintendent of Schools office, phone (805) 398-3639.

Telemetry demo slated Tuesday

Gould Electronics Test and Measurement Division will sponsor a test measurement and telemetry instrumentation demonstration on Tuesday, June 2.

On display at the Chart Room of the Commissioned Officers' Mess from 8 a.m. to 3:30 p.m. will be telemetry recorders, real time and digital storage oscilloscopes, logic analyzers, data acquisition systems and more.

No appointment is necessary to see this equipment.

Fitness expert to talk Friday

LCdr. R.G. Skaggs, head of the Aviation Physiology Training Department at Lemoore Naval Air Station, will make a special presentation on heart fitness through diet and aerobic exercise at the Center theater at 9:30 a.m. next Friday, June 5. All China Lake personnel are encouraged to attend.

Capt. John Burt, NWC Commander, has approved the establishment of a Wellness program at the Center and has asked that all military and civilian personnel respond to a questionnaire that is being sent out.

Four million people in the United States are treated for coronary heart diseases (CHD) annually and half of them die from the diseases. CHD is the leading cause of death in this country; about 50 percent of all deaths are CHD related.

Non-controllable factors influencing the development of CHD include age, sex and family history. Controllable influences are diet, smoking, obesity, lack of exercise, alcohol, psychosocial and behavioral actions.

Factors that can be controlled will be discussed in a 1-1/2 hour presentation with a question and answer period during LCdr. Skaggs' talk.

LCdr. Skaggs served as a Hospital Corpsman for seven years. He holds a bachelor's degree in zoology and a master's degree in exercise physiology from Northwestern State University of Louisiana.

Rehab completed . . .

(Continued from Page 1)
mature people with broad knowledge."

This skill mix is often called on for what he says are "quick fixes," mitigation measures to meet specific needs in a hurry. Dr. Baldwin adds that their work is also often less expensive for the customer because all the facilities needed are at hand, from the chemical laboratories to such things as their small-scale test sites, gun range, micro-computer facilities for data reduc-

tion and even a reference library of safety and liquid propulsion data.

"We've changed with the times and emphasized adaptability," he notes. "That way we hope to continue to meet the needs of the Navy in such areas as airbreathing fuels, guns and ammunition, high temperature polymer synthesis, thermal protection, metal combustion and energetic materials formulation for at least another four decades."

CNO expects sailors to remain in fighting trim

Napoleon reportedly said, "An army marches on its stomach." But an Army, Navy, Air Force or Marine Corps isn't going to march, sail, fly or fight very well if that stomach gets too large.

Showing concern for the relation of weight and appearance to readiness and morale, Chief of Naval Operations Adm. Carlisle A.H. Trost recently called for stricter enforcement of the Navy's weight standards. The military has always been weight conscious, but the pressure on overweight people in uniform to shape up or ship (or march) out has recently intensified.

Does that mean a lot more people will be on diets? Navy dietitian Lt. Denise Weber, who helps Navy people stay fighting trim, hopes not.

"If someone is on a diet, he will eventually be off the diet," said Weber. To be effective, changes in eating and exercise must be permanent and must reflect a change in outlook.

"Because I was once overweight," Weber said, "I can really identify with my group."

Weber warns against quick-loss fad diets. "Unfortunately, I know of no magic foods that will help burn fat," she said. Grapefruit tastes good, is low in calories and is

high in vitamin C. However, it won't burn off the cheesecake.

Some so-called fat-burning substances are harmful in large doses. One woman who came to Weber for a bland diet for an ulcer admitted to drinking a shot glass of vinegar before each meal in the hope of burning fat. The vinegar cocktail didn't burn fat, but it did give her stomach pain.

If fad diets don't work, how can one lose weight effectively? Here are some tips:

•Don't try to lose it too fast. One to two pounds per week is realistic.

•Eat less, exercise more. "Diet alone is not nearly as effective as diet and exercise together," said Weber. "Exercise and a moderate diet encourage your body to burn more fat and less muscle. If you rely on a low-calorie diet alone, you could be losing muscle mass," she explained. Endurance

activities that don't require fast speeds are best. Jogging, brisk walking, racquet sports, swimming and aerobic dancing are good exercises.

•Eat less, but continue to eat. "Starving yourself is self-defeating," said Weber. "Your body responds by slowing down your metabolism so you burn fewer calories."

•Eat a variety of foods. Choose fruits and vegetables, whole-grain breads and cereals, lean meat and poultry without the skin, peas and cooked dry beans, fish and low-fat dairy products more often. High on the list of items to choose less often are sugary sweets, snack foods, cream and whole-milk products, fried foods, fats and alcohol.

•Eat the foods you like, but choose the high-calorie ones less often. "There are

some foods made for pure enjoyment," said Weber. "A small piece of cherry cheesecake as an occasional treat is okay -- just don't make it a staple of your diet."

•Don't give up. If you do "sin big" -- say, eat a hot fudge sundae -- don't use it as an excuse to give up. Just try harder.

•Control alcohol. Beer contains 150 calories per 12-ounce can or bottle. Wine contains 100 to 160 calories per four-ounce serving, depending on sweetness. Hard liquor contains 80 to 100 calories per ounce, and mixed drinks have added calories from the mixers.

•Don't skip meals. People who skip meals tend to overcompensate later. And skipping breakfast or lunch can sap energy.

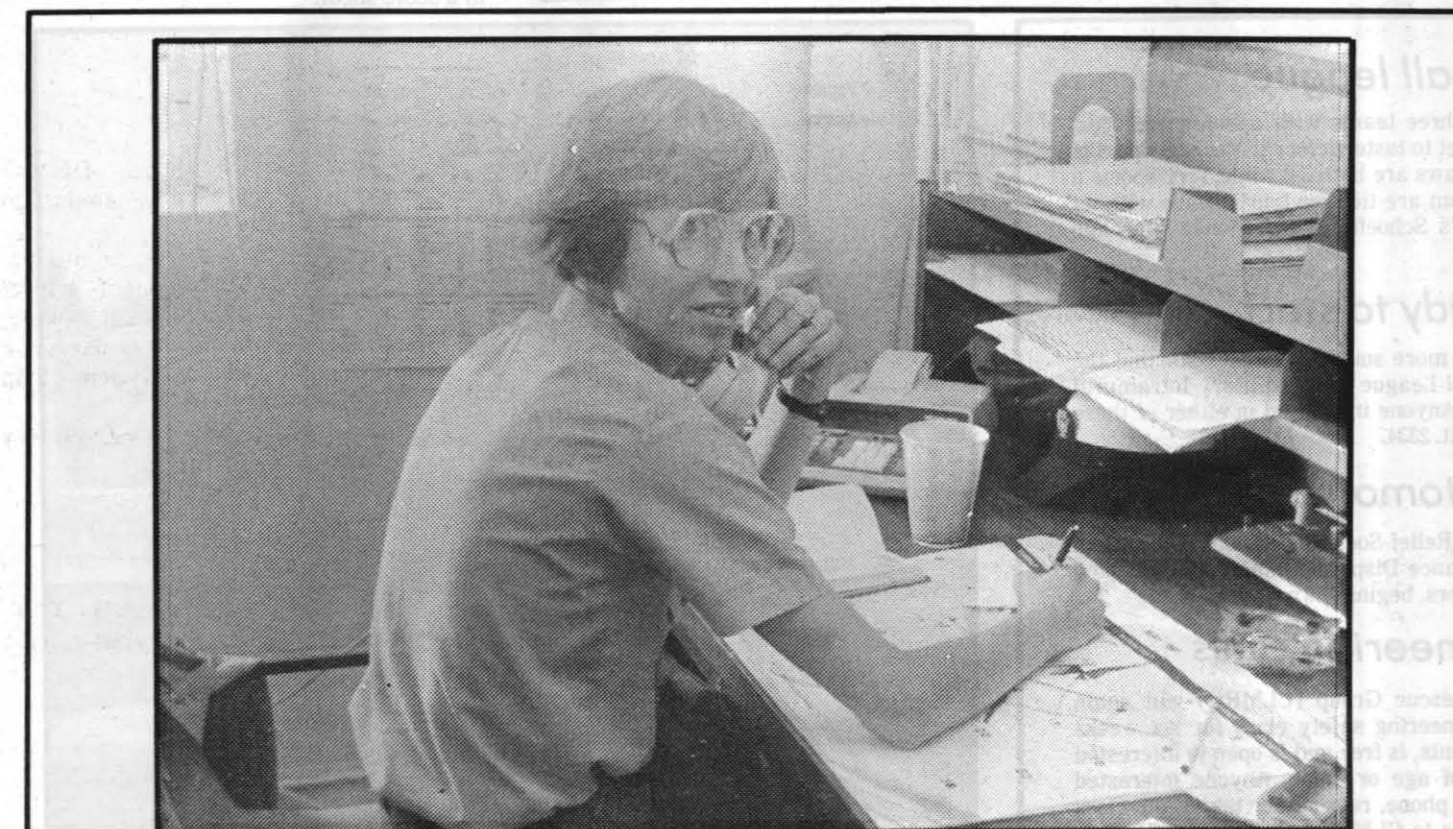
•Shop when you are full.

•Eat only when you are hungry. Finally, learn more about nutrition. A variety of nutritional information materials are available from the services' dietitians, in commissaries and dining facilities and in many civilian grocery stores. A paperback calorie-counter booklet is also a good investment.

By Evelyn D. Harris
American Forces Information Service



Military News



TOP VAMPIRE — YN2 Kimberly I. DeMaio is Air Test and Evaluation Squadron Five's (VX-5) Sailor of the Month for April. A yeoman in the squadron's Projects Office her duties include processing travel claims for personnel who go TAD as well as other clerical tasks. She has been in the Navy for more than eight years

and has been a Vampire since January of 1986. The outstanding junior enlisted member at VX-5 for April notes she likes to go bowling in her spare time. But, as the mother of a two-year-old daughter, Felicia, Petty Officer DeMaio doesn't find as much time for bowling as she would like.

Two weeks remain in annual NRS drive

Military personnel at China Lake continue to sell tickets for the 1987 Navy Relief Society Fund Drive. Lt. Brian Lewis, fund drive chairman this year, says anyone can buy the tickets and anyone can win. Ticket sales will continue through June 14.

Lt. Lewis notes the China Lake NRS Chapter loaned more than \$31,000 to military personnel and their families last year to take care of emergency needs. The chapter also made more than \$1,000 in grants during 1986. The NRS Fund Drive last year took in a little more than \$18,000.

To promote this annual drive, many of

the prizes will be on display today (Friday) at Michelson Lab, Lauritsen Lab and the Navy Exchange. Prizes up for grabs range from an ATV from Foster's Supercycles to free dinners in Ridgecrest area eateries.

The Navy Relief Society is sailors and Marines helping each other. It is volunteers, world-wide, who donate time and energy to helping military personnel and their families who need counseling, who need short-term and immediate financial aid or who have other problems that call for outside assistance.

Since 1904 the Navy Relief Society has

been the one agency always there when members of the Sea Service need help. And this is the one fund drive a year at U.S. Navy and Marine Corps installations, world-wide, where the proceeds are earmarked to help sailors, Marines and dependents. The money raised here stays here and will go to those who need it the most.

Lt. Lewis notes civilian personnel are also eligible to buy tickets and win prizes during the big NRS fund drive. Ticket buyers need not be present at the time of the drawing to be winners.

NEX News

Summer vacation is nearly here and the NWC Navy Exchange is opening the summer vacation season with a Vacation Time Sale on June 4-7 for all those traveling needs.

The Exchange is featuring a Camera of the Month and Appliance of the Month, great for Father's Day, the graduation present or wedding gift during June. In addition June is Home Improvement Month at the NEX.

For shopping convenience, film can be dropped off in the Camera Department of the Retail Store but the finished product will still be picked up at Personalized Services.

Today, tomorrow and Sunday Food Services is sponsoring a Truck Load Sale in front of Bennington Plaza.

The NEX gas station will be open from 7 a.m. to 5:30 p.m. Monday through Friday and 8 a.m. to 4 p.m. on Saturdays.

Well animal clinic set

Innoculations for well animals will be offered at the well-animal clinic on Tuesday, June 2 at the Craft and Hobby Center.

This service is available to pets owned by active duty and retired military only and appointments are required. Animals will be seen by the veterinarian from 10 a.m. to 1 p.m. Horses stabled off Center must be transported to the Center stables to receive their shots.

More information can be received or appointments made by telephoning NWC ext. 3252.

Climb stairs

Climbing stairs may be the most efficient calorie-burning exercise around. A doctor from the University of Pennsylvania School of Medicine says, in the same amount of time, climbing stairs burns 250 percent more calories than swimming, 150 percent more than tennis and 23 percent more than running.

No tigers, elephants or boa constrictors allowed on board

You can't ship anything as huge as an elephant, as vicious as a saber-toothed tiger, as long and scary as a boa constrictor, as clever as "Clyde," the movie star orangutan, or a G-O-rilla. But you can ship your pet dog or cat on Military Airlift Command Category B chartered flights.

"The pet shipment program is restricted to those passengers in a permanent change of station status only," said Col. John T. Quirk, director of passenger and traffic management at Military Airlift Command headquarters, Scott Air Force Base, Ill. "There is a limit of two pets per family --

cats or dogs only."

The Military Airlift command will ship pets to most locations around the world, and officials expect to provide worldwide service by next year. The pet shipment program was started after a five-month test was completed in late 1986 to determine if

shipping pets on Military Airlift Command flights would hamper other flight operations. Before, passengers had to ship their pets on commercial flights.

The service is not free. Shipment rates range from \$20 to \$150, depending on the route flown.



Personnel Development Opportunities

BASIC NAVAL CORRESPONDENCE (8 hours)

July 9; Thursday; 0800-1600; Training Center. By Odessa Newman.
Scope: This course is intended for typists new to the Navy; however, the course will provide a good review for anyone who writes or types naval correspondence. The course focuses on the policies and procedures for typing naval letters and memorandums.

Topics include Chapter 1 (Naval Writing Standards) of the Department of the Navy Correspondence Manual. Each student is asked to bring a Correspondence Manual if you have one.

Deadline: June 24.

SYSTEMS ENGINEERING

August 11-13; Tuesday-Thursday; 0800-1600; Training Center. By R. Vargus, Evolving Technology Institute.

Prerequisite: A baccalaureate degree in a scientific or engineering field is preferred, along with Government or industrial experience associated with system projects (or equivalent).

Scope: This course provides an overview to the systems engineering process of acquiring, creating, and managing complex new systems; the integration of key design disciplines (reliability, maintainability, human factors, logistics engineering); and the tools and techniques used in system analysis. A top-down life-cycle approach is employed. To illustrate the tools and techniques presented, students will perform an exercise designed to involve them in the systems engineering development process.

Topics include an introduction to system engineering, the elements of system engineering, the elements of system engineering, the system engineering process (requirements definition, functional analysis and allocation, synthesis, analysis and trade-off studies, detail design, test and evaluation), system effectiveness factors, the integration of the many design disciplines inherent in the process, and system engineering management requirements. The aspect of systems analysis includes the System Engineering Management Plan (SEMP), the Work Breakdown Structure (WBS), reviews, test and evaluation (T&E), deliverables and reporting, risk assessments and trade-offs, and problem resolution.

Deadline: July 20.

TARGETED SELECTION -- HOW TO CONDUCT A FORMAL INTERVIEW (16 hours) -- New Course Hours.

June 15-17; Monday, 0800-1600; and Tuesday-Wednesday, 0800-1130; Training Center. By P. Baczkiewica and C. Hemmings.

INTRODUCTION TO SUPERVISION (40 hours)

June 22-26; Monday-Friday; 0800-1600; Training Center. By D. Eller Jones.

Scope: This course is intended for first-level supervisors who need training in basic supervisory ideas. The course, organized into the management functions of planning, organizing, directing, and controlling, will provide students with fundamental grounding in practical modern supervision concepts.

Topics include introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NWC personnel management, and a workshop summary.

Deadline: June 8.

HOW THE TECHNICAL CODES DO BUSINESS (8 hours)

June 23; Tuesday; 0800-1600; Training Center. By C. May.

Scope: The intent of this course is to better acquaint NWC support codes with the terminology, methods of operation, and problems and constraints of Center technical codes. The course should be useful to new NWC employees to help orient them to the NWC environment.

Topics include an overview of development, production support, and Fleet support phases, but makes no attempt to cover specific areas in depth. Course material should be useful for identifying specific areas to students that they may wish to learn more about in follow-up courses.

Deadline: June 8.

BETTER BRIEFINGS (17 hours)

June 24-25; Wednesday, 0800-1600; and Thursday, 0800-1700; Training Center. By M. Cartwright.

Scope: This 2-day workshop will address three goals that most people have when they give presentations: (1) communicate information effectively, (2) command the respect of the audience, and (3) avoid appearing nervous. Techniques will be offered that will give confidence in all three areas. The final activity includes video taping briefings, playing them back, and discussing participants' short presentations.

Topics include audiences, presentation goals, organization, level of detail, visual aids, making good viewgraphs, delivery, nervousness, and handling questions.

Deadline: June 10.

WRITING MEMOS AND SERIAL LETTERS (3.5 hours)

June 25; Thursday; 0800-1130; Training Center. By O. Newman.

Scope: This course provides a brief on Chapter 1 (Naval Writing Standard) of the Department of Navy's Correspondence Manual and highlights policies and procedures in Chapter 2. Chapter 1 will strengthen your skills in organized, natural, compact, and active writing.

Deadline: June 11.

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

SELF-STUDY

OVERCOMING YOUR BARRIERS (A GUIDE TO PERSONAL REPROGRAMMING) (3 hours).

A step-by-step guide to help readers deal with inhibitory feelings and behaviors that leave them less effective in high-pressure situations. Includes a one-hour training tape filled with examples, demonstrations and practice exercises.

Method: Audiocassette/Guidebook
Source: Training Center
Enrollment Form: None

CREATING TEAMWORK (4 hours).

Learn skills that separate managers from amateurs: how to find and master your natural leadership style; the goal-setting system Iacocca used to turn Chrysler around; the three personal characteristics of most winning leaders; plus scores of techniques that will improve productivity, reduce mistakes, and help you build strong relationships based on mutual trust and loyalty.

Method: Audiocassette
Source: Training Center
Enrollment Form: 12410/73

COMMUNICATING UNDER PRESSURE (4 hours).

A carefully edited and annotated set of tapes recorded at Dealing With Difficult People workshop presentations. Includes a special practice tape to help students experience various exercises presented at the workshops.

Method: Audiocassette
Source: Training Center
Enrollment Form: 12410/73

HOW TO COMMUNICATE UNDER PRESSURE (DEALING EFFECTIVELY WITH DIFFICULT PEOPLE) (1 hour).

Will maximize your ability to deal successfully with difficult people and situations, and get the results that are important to you.

Method: VHS
Source: Training Center
Enrollment Form: None

PERFORMANCE PLANNING AND ASSESSMENT FOR DEMO

Intended audience: Supervisors and other NWC employees who need an introduction or review of the Demonstration Project.

Scope: This video covers demonstration project performance planning, monitoring, and the assessment process. Upon completion viewers will be able to identify critical job elements and use position descriptions to write and review good performance plans. In addition, there will be a brief overview of the demonstration project at the Naval Weapons Center and how it differs from the traditional Civil Service System. Step increments (i's) and bonus points are explained.

Viewers are asked to fill out the comment sheet that is issued with each video if they
Method: Videocassette
Source: Training Center
Enrollment Form: None

RELATIONSHIP STRATEGIES (HOW TO DEAL WITH THE

Scope: This program is designed as a simple tool that can be used easily and applied

Method: Audiocassette
Source: Training Center
Enrollment Form: 12410/73



Personnel News & Notes

No. 98 / May 29, 1987

Naval Weapons Center, China Lake, California 93555-5001

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. 08-027, Program Analyst, DA-345-1, Code 0862 - (This is a temporary promotion NTE 1 year) This position is located in the Central Staff, Accounting and Disbursing Division, Cost Accounting Branch. The incumbent will be a Program Analyst for the STAFS Supply and Cash Management Subsystems at NWC. The position will be as an analyst for STAFS review, implementation, and operation. The incumbent will assist in determining input/output requirements and system interface requirements. Job Relevant Criteria: Knowledge of the current NWC financial system and STAFS; ability to organize and plan programs; and ability to gather and analyze financial data.

at all levels; ability to work under pressure; ability to use the Macintosh personal computer. Promotion potential to DA-2.

No. 25-019, Administrative Officer, DA-341-3, Code 25021 - Provide a full range of administrative support functions to operating organizations in the Supply Department and consultation and advice to the responsible managers. Duties include coordination of all resource management, organizational analysis, administrative policy and safety and security programs. Job Relevant Criteria: Knowledge of management techniques, practices, methods and principles; knowledge of Navy personnel policies and procedures including safety and security programs; ability to collect and analyze data; ability to communicate orally and in writing.

No. 24-020, Physical Security Specialist, DA-080-1/2, Code 2431 - This position is located in the Physical Security Branch, Security Division, Safety and Security Department. Incumbent is responsible for planning and conducting programs to maintain physical security of information, personnel, and property at NWC. Incumbent performs extensive on-Center travel to conduct surveys and inspections. Job Relevant Criteria: Knowledge of DOD and Department of Navy instructions regarding

No. 12-001, Administrative Assistant, DA-341-1, Code 1202 - This position is located in the Weapons Planning Group. Major duties include facilities planning and management, arranging for communication services, initiating department personnel actions, preparation of procurement packages, equipment management, and other miscellaneous administrative support tasks. Job Relevant Criteria: Knowledge of facility management, procurement, equipment management, and personnel policies and procedures; ability to communicate effectively orally and in writing; ability to deal courteously and effectively with personnel

No. 39-023, Supervisory Interdisciplinary (General/Aerospace/Electronics/ Mechanical Engineer/Physicist), DP-801/861/855/830/1310-4, Code 3908 - This position is that of Sparrow Project Manager, Weapons Department. The AIM/RIM-7M Sparrow is a joint service program, currently in high-rate production, and a product improvement program is planned. NWC is cognizant activity for NAVAIR, with a lead role in development, production support, foreign military sales, and logistics. Job Relevant Criteria:

physical security; knowledge of investigative techniques; ability to interpret professional security standards and develop procedures compatible with operational factors; communicate effectively both orally and in writing. Promotion potential to DA-3.

No. 31-045, Security Specialist, DA-080-1/2/3, Code 3102 - This position is located in the Department Staff Office of the Aircraft Weapons Integration Department. The incumbent provides detailed and comprehensive security administration for classified DOD research and development efforts. Travel will be required. Job Relevant Criteria: Knowledge of security procedures and requirements; ability to communicate orally and in writing; ability to deal with personnel at all levels; ability to work under pressure. Ability to obtain a top secret clearance. Promotion potential to the DA-3 level.

No. 34-007, Supervisory Library Technician, GS-1411-7, Code 3431 - This division is located in the Information Services Branch of the Library Division, Technical Information Department. Duties and responsibilities consist of supervisory and functional work assignments: supervising circulation personnel located in the Technical Library and satellite operations in the Library Research Center (Specs. & Sids., Chemistry & Physics Journals) and Computer Library; assisting in development and implementation of circulation and loan procedures; training circulation employees; scheduling and reviewing work assignments; and keeping branch head informed of developments affecting branch operations. Job Relevant Criteria: Knowledge of the library collection, circulation functions and services; ability to apply standard library tools, methods, and procedures to service needs of the Technical Library; ability to deal effectively with all levels of NWC personnel and contractors; ability to communicate effectively both orally and in writing. Promotion potential to a GS-8.

Ability to supervise; knowledge of philosophy of operation and weapons development/acquisition procedures of NWC, systems commands, OPNAV, and DOD; knowledge of guided missile systems state-of-the-art technology; ability to provide technical management, review and presentations; ability to deal effectively with NWC management, systems commands, other DOD agencies and contractors; knowledge of current air-launched and surface-launched missile systems is desirable, as well as familiarity with missile production, including configuration management and product assurance; interest in and support of EEO programs and goals and objectives. Must serve a one-year supervisory/managerial probationary period.

No. 39-024, Procurement Assistant, GS-1106-5/6, Code 3902 - This position is advertised as a one year detail for training in the areas of procurement. Upon successful completion of the detail the incumbent will be reassigned to the position on a permanent basis. This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies, equipment and services for the programs in the Weapons Department. This involves providing contracting and stub requisition advice, expediting of requisitions, stub follow up and interface with supply personnel. Job Relevant Criteria: Knowledge of NWC Supply System procedures; ability to input and retrieve computer data; ability to work effectively with personnel at all levels to accomplish department objectives. Promotion potential GS-6.



AMERICAN HERITAGE WEEK

June 2 - 5

TSP Open Season in effect

Another Thrift Savings Plan (TSP) Open Season started May 15 and will continue until July 31.

During the open season, you have the opportunity to change your current enrollment, or make an initial participation election. Election forms processed by July 3 will be effective the first pay period in July, which is July 5. Enrollments received on or after July 5 will be effective the beginning of the following pay period.

If you want to change your current enrollment election or begin participation in the Thrift Savings Plan, contact your PMA to schedule a time to come into Personnel and complete your election form.

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

If you have any questions, call your PMA or call Virginia Spille, NWC ext. 2592.

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. 33-007, Interdisciplinary (Electronics / Aerospace Engineer/Physicist), DP-855/861/1310-2/3, Code 3333 (2 vacancies) - This position is located in the Advanced Technology Projects Branch, which is involved in the design, development and production support of proximity fuzes and associated support test equipment for fleet missiles, both air and ship launched. Active radar and electro-optical technologies are used in this fuze development role. This branch is hardware oriented, and tasks routinely include work with digital and analog circuitry design and 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 a senior team member supporting programs in the branch, which includes conducting advanced fuzing studies and development of proximity fuze devices for SPARROW, RAM, and AMRAAM missile systems. To apply, send current SF-171 to Bill Vechione, Code 3333, NWC ext. 121L.

No. 33-010, Interdisciplinary (Physicist / Electronics Engineer), DP-1310/855-2/3, Code 3311 - Position with Exploratory Development Branch, Sensor Systems Division of the Fuze and Sensors Department. Incumbent will be involved in optical proximity fuze development. Activities include analysis of missile-target encounters, formulation of optical fuze concepts, analysis of expected target and clutter signals, development of signal processing algorithms, and design, construction, and test of breadboard hardware to verify fuze concept. Successful candidates must be comfortable with exploratory work, must interact well with a wide variety of engineers, and must communicate results via written reports and presentations. Abiding interest in optical systems and/or signal processing essential. To apply submit current SF-171 to Dave Burdick, Code 3311, NWC ext. 3092.

No. 33-012, Interdisciplinary (Electronics / Industrial Engineer/Physicist), DP-855/896/1310-1/2/3, Code 3337, (3 vacancies) -

These positions are located in the Short Range Missile Fuze Branch, which is involved in the design, development and production support of proximity fuzes principally using active optical and passive optical technologies in the development cycle. This branch is hardware-oriented and tasks routinely include work with digital and analog circuitry development, optical subsystems 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, production support of, and advanced fuzing studies of target detection devices for Sidewinder, RAM, and Sidarm. Promotion potential to DP-3. Please send current SF-171 to Jerry Mumford, Code 33306, NWC ext. 2856.

No. 33-016, Interdisciplinary (Electrical/Electronics Engineer), DP-850/855-1/2, Code 3336 - This position is located in the Phoenix Fuze Systems Branch, which is involved in design, development and production support of proximity fuzes and design support test equipment for fleet missiles. The incumbent will perform duties as part of a team supporting programs in the branch, which includes Phoenix, AAAM, and others. Interest in signal processing is desirable with background in radar systems a real plus. Promotion potential to DP-3. To apply send current SF-171 to Larry Morrison, Code 3336, NWC ext. 1146.

No. 64-183, Electronics Engineer, DP-855-3, Code 6406 - This position is located in the Telemetry Program Office, Aerosystems Department. Incumbent will perform program management over seeing the engineering design, development, and specification of various airborne instrumentation (digital and analog) systems, equipments, and components for electronic measurements, timing, recording, control and communication necessary to meet the data and operational test requirements of various missile programs. To apply, send an updated SF-171 to Donald Scofield, Code 6406, NWC ext. 4905.

Secretarial opportunities

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

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

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

No. 00-005, Secretary (Typing), GS-318-5/6, Code 003 - This position provides secretarial and administrative support for the Office of Public Affairs. Promotion potential to GS-6. Status eligibles may apply.

No. 25-018, Secretary (Typing), GS-318-4/5/6, Code 25A - Provides secretarial support to the Deputy for Procurement and Associate for Management and Policy in the Supply Department. Promotion potential to GS-6.

No. 31-044, Secretary (Typing), GS-318-5, Code 3114 - Provides secretarial, typing, clerical, and other administrative support to the F/A-18 Facility Branch, Avionic Facilities

Division, Aircraft Weapons Integration Department. Status eligibles may apply. Promotion potential to GS-5.

No. 33-015, Secretary (Typing), GS-318-4/5, Code 33505 - This position provides secretarial support to the Head, Insensitive Munitions Office with the added duty of providing back-up support to the Division's six branches. Promotion potential to GS-6, but not guaranteed. Status eligibles may apply.

No. 36-043, Secretary (Typing), GS-318-5/6, Code 362 - This position serves as secretary to the Head, Systems Engineering Division. Knowledge of the Macintosh computer is desirable. Promotion potential to GS-6. Status eligibles may apply.

Tuition support will be limited for CCCC

Due to overhead budget constraints, the Center will not be able to provide tuition support to employees who enroll in Cerro Coso Community College courses during the summer and fall of 1987. The only exception to this policy will be to pay for courses required by management such as courses pertaining to prejourneyman or co-op training.

Co-op students do not need a DD-Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement). However, they must tell the registrar at Cerro Coso that they are an NWC Co-op student when the register.

All other employees enrolling in required courses must submit a DD Form 1556 via department channels to Code 094 at least one week prior to registration. For the June registration, the deadline is June 10.

Code 094 will return the approved DD Form 1156 to employees. Employees must take the approved DD Form 1556 to Cerro Coso when they register in order for NWC to pay for the tuition.

STAFS causes some changes in the off-Center training request process

Since the DD Form 1556 (used at NWC for off-Center training requests) is an input document to the financial system, the implementation of STAFS will cause some changes in the off-Center training request process.

Starting immediately, ALL DD Form 1556s will need the employee's pay number. Enter pay number in block 1 of 1556 as shown.

1. Applicant's name (last-First-Middle Initial) pay number Code
Indicate preferred title (example - Miss, Mrs., Mr., Ms., LTC, etc.)

Additionally, for those off-Center training requests, which are prepayments, em-

ployees will need to file an SF 1164; Claim for Reimbursement for Expenditures on Official Business (available from Telmart). This is due to a change in the way the Disbursing Branch will prepay a vendor for the training. The SF 1164 must be filed with 15 days after completion of the training and must be attached to the Copy 6 of the 1556 (returned to the employee by Disbursing at the time the prepayment is made).

Also attach receipts, if obtainable. The SF 1164 needs a division head signature and may be included with the travel voucher and sent to the Travel Branch, Code 0854, who will forward to the Disbursing Branch, Code 0865; or may be sent separately, directly

to the Disbursing Branch. If the SF 1164 is not filed by the employee, the money paid to the vendor will be taken out of the employee's paycheck. Implementation of this change must take place for all prepayments made after the implementation of STAFS, currently projected for June 20, 1987.

FERS videotapes to be shown hourly

On a walk-in basis at the Training Center, Room 115, during the hours noted (except from 12 to 1 p.m.) on the following dates, the S. Harmon FERS videotapes will be shown every hour on the hour.

Date	Hours	Title
5 June	0800-1600	Introduction to FERS (27 min.) Retirement Benefits and Social Security (27 min.)
12 June	0800-1600	Introduction to FERS (27 min.) Thrift Savings Plan (20 min.)
19 June	1300-1600	Introduction to FERS (27 min.) Windfall Elimination and Government Offset (16 min.)
26 June	1300-1600	Introduction to FERS (27 min.) Windfall Elimination and Government Offset (16 min.)
10 July	0800-1600	Introduction to FERS (27 min.) Windfall Elimination and Government Offset (16 min.)
17 July	0800-1600	Windfall Elimination and Government Offset (16 min.) Transfer Considerations (20 min.)

Personnel Management Advisors (PMAs) will be using these tapes in department presentations until the end of 1987 to help all employees get the information they need. The tapes will also be available for use in the Learning Center. For more information, call NWC ext. 2451.

CSUN advisor to be on-Center June 16

Dr. Arnold Roe of Cal-State University Northridge (CSUN) will be on-Center June 16 to advise current and prospective students in the external degree programs offered by the school.

Dr. Roe is particularly interested in counseling those interested in applied mechanics.

CSUN has external degree programs in

electrical engineering, applied mechanics, and mechanical engineering at NWC which lead to a master's degree as well as an external degree program in electrical engineering which leads to a bachelor's degree.

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

Focal Point Training to be offered June 23-24

All personnel who interface with Small Purchase people and procedures on a day-to-day basis, especially Focal Points and others in "pre-procurement" groups should take a class the Training Center is offering called "Focal Point Training," which is being offered June 23 and 24 from 8:30 until 11:30 a.m.

The course will provide clearer guidance on what a Focal Point does, how to pro-

vide help to Technical end-users, how to interface with Small Purchase Buyers and procedures, and where to find guidance and references for any and all procurement problems. A "Focal Point Manual," a condensed version of existing procurement information will be issued upon completion of the class. This manual will be useful as a reference.

Deadline for submitting your training request form is June 15.

Clerical personnel at NWC could join Demonstration Project

Clerical personnel at the Naval Weapons Center would join the Demonstration Project if the Office of Personnel Management accepts the recommendation of NWC's task team that studied this possibility.

The estimated 750 Center employees to be impacted by this change will be able to get many of their questions answered at a series of briefings to be held later this year.

If OPM concurs, a public hearing will be scheduled to address concerns anyone

may have and receive comments from interested personnel. Once OPM accepts the proposal, it must be published in the Federal Register before implementation.

Although the subject had been addressed previously, no final decision had been made. The task team had been chartered to analyze entry tradeoffs, determine pay band structure, fix pay pool size and composition, determine payout percentage for salary increases and bonus and decide time-in-level guidelines.

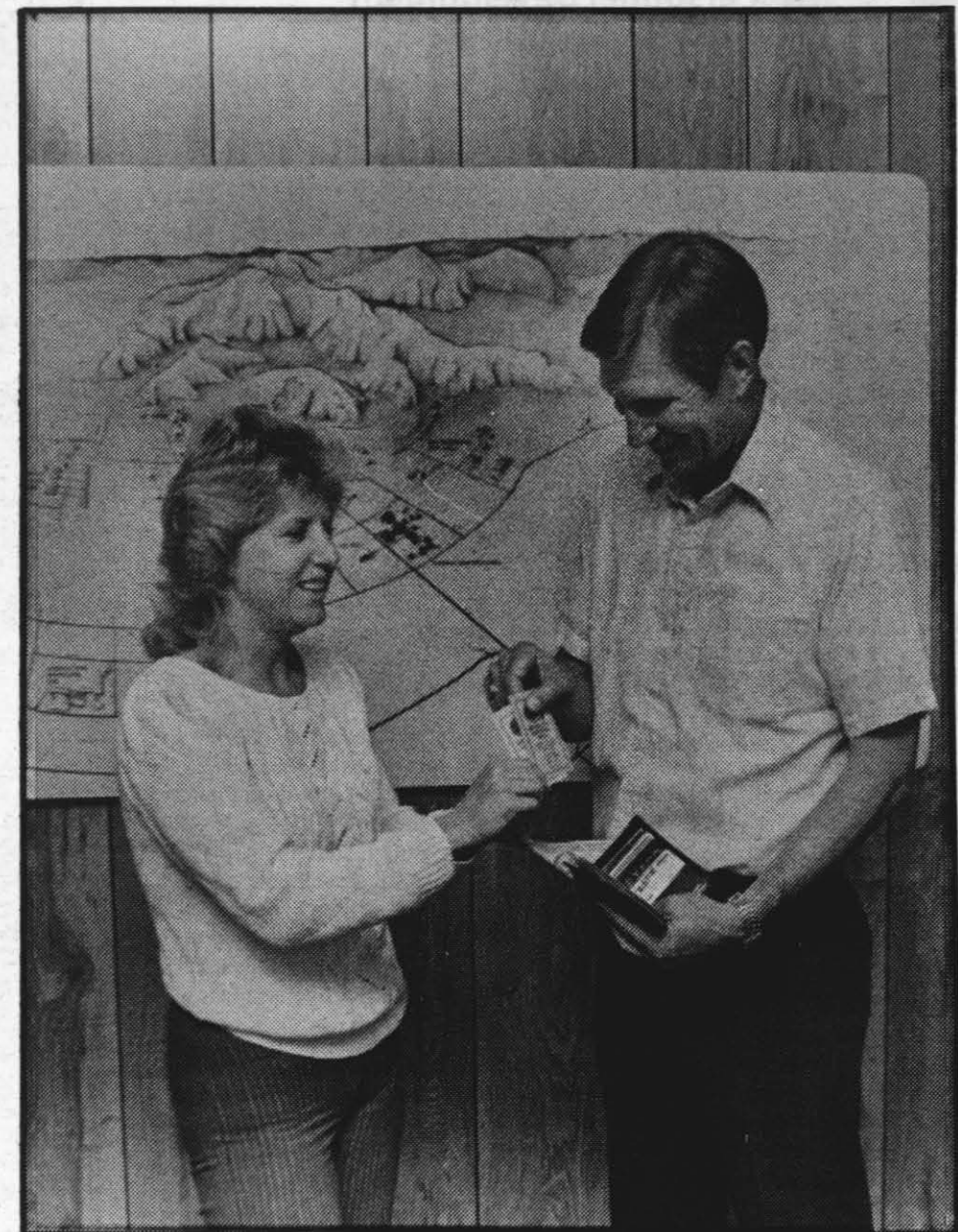
Joining Don Shibley, NWC Deputy Personnel Officer, on the team were Fran Rugg, secretary to the Technical director; Karen Morriane, Code 08622; Maggie Green, Code 2522; Ethel Pierczynski, Code 2523; Tom Gerrard, Code 3202;

and Dennis Sorges, Code 3384. They have been working since last fall and have briefed Center Command and the Corporate Planning Board on their recommendation to bring his last large group of NWC employees under the Demon-

stration Project.

If all goes well, commented Shibley, this group will join the Demo Project as "DGs" (Demonstration General) before the end of the year.

Pay bands, as recommended are: GS-1/2/3 as DG-A; GS-4/5 as DG-1; GS-5/6 as DG-2; GS-6/7 as DG-3; GS-8/9 as DG-4 and GS-10/11 as DG-5. The pay pool would be 2.4 percent, and the bonus pool would be 0.8 percent, the same as other groups under the Demonstration Project.



PLANNING TO ATTEND — Diane Tilley sells Matt Anderson, head of the Ordnance Systems Department, a ticket to attend the reception that will open American Heritage Week ceremonies next Tuesday.

CCCC to present seminar on business image and relevant attire on June 8

"Dressing for Objectives," a seminar on appropriate business image and relevant attire will be presented by Cerro Coso Community College in conjunction with JoS. A Banks Clothiers on Monday, June 8.

The 60- to 90-minute seminar will be held at the Carriage Inn, 901 N. China Lake Blvd. and the \$10 registration fee includes lunch. The program will begin at noon. Those attending the seminar will also receive a \$25 gift certificate from JoS. A Banks Clothiers that can be applied to any purchase of \$50 or more from either their stores or their catalog.

Instructor Glen Christenson holds a master's degree in business administration from Loyola College. He has professional experience in sales, sales training,

marketing, product management, public

relations and communications.

This seminar has been presented to professional groups of men and women across the nation. Prior clients include Arthur Andersen, Merrill Lynch, Money, The Marriott Corporation, IBM, Kodak and the Universities of Alabama, Houston and Virginia.

Cerro Coso Community College notes that space in this seminar is limited so interested individuals are encouraged to register early. Checks can be made payable to Cerro Coso Community College (Attention: Project View), 3000 College Heights Blvd., Ridgecrest, CA 93555.

Further information about the class can be obtained by telephoning the college at 735-5001.