

Generosity in giving books earns gratitude of library

Marian Harwell, a photographer (laboratory) in the Photo Lab Services Branch of the Technical Information Department, was honored recently for the contributions that she has made to the Center library.

On behalf of the library, Steve Sanders, head, TID, presented Ms. Harwell with a plaque that notes the Center's appreciation to her "For contributing to the pleasures and knowledges of others through your years of book donations to the Center Library."

Elizabeth Babcock, head of the Library Division, and Elizabeth Shanteler, who heads the Center library, said that Ms.

Harwell has been presenting large numbers of books since 1970.

When Ms. Harwell has known that there would be a great demand for books that she buys through either of the two book clubs to which she belongs, she has often given the book to the library even before she herself has had a chance to read it, and has put her name on the reserve list for that book.

Ms. Harwell, obviously surprised and pleased by the presentation that took place at an all-hands meeting of the TID Photographic Division, said that by giving books she was able to share her pleasure in reading with others.

Cambridge Buskers play here Tues.

Concertgoers who attend the next production sponsored by the IWV Concert Association will be entertained by the music of 33 flutes, piccolos, recorders, ocarina and tonettes as well as an accordion that might possibly have cost \$10.

The concert will take place at the Center Theater on Tuesday starting at 7:30 p.m. and will feature The Cambridge Buskers, their musical expertise and their zany wit.

Buskers are street musicians. Michael Copley and Dag Ingram began their musical careers trying to earn enough money by playing in the London underground stations to get back to Cam-

bridge. Their music (with their own arrangements to "leave out the boring bits") and their presentations drew enough attention so that they became professional musicians. They've played the concert halls of the world, and have had hit records made for the prestigious Deutsche Grammophon recording label.

Single performance tickets are priced at \$6 for general admission and \$4 for people over 63, under 21, and full-time enlisted military personnel. They can be purchased in Ridgecrest at The Music Man, Medical Arts Pharmacy, the Art Buffet, and Maturango Museum.

After single event tickets have been sold out, a standby list will be taken at 375-5600. Season ticket-holders who do not plan to use their tickets are asked to release their tickets for resale by telephoning 375-5600 as soon as possible.

In addition to the Tuesday evening performance, the Cambridge Buskers will present a student program at Monroe Junior High School on the same day, once at 9:45 a.m. and the second time at 10:10 a.m. There is no charge for the student program since it is provided as an educational service of the IWVCA, made possible by donations to the Student Education Fund.

NEX News

All who celebrate being Irish (and others who aren't but like to celebrate) can save lots of "green" by getting their St. Patrick's Day party goods, cards and gifts at the Navy Exchange retail store. The big day is March 17.

Easter goods are also now arriving regularly so anyone who'd like to get a head start on that all-important Easter shopping can find bargains galore.

To help those Easter shoppers, there'll be a "Super Sunday" sale next weekend — March 23 — from 10 a.m. until 3:30 p.m. at the NEX. Early bird specials from 10 a.m. until noon will really be something to cluck over, but lots of really good buys will be left for those who can't get in until afternoon.

The Commissary store will also celebrate "Super Sunday" from 10:30 a.m. until 3:30 p.m. that same day. Savings on assorted Commissary items will be from 25 to 50 percent. Now's the time to stock up and save a lot of money while doing so.

The Navy Exchange Auto Center can now order Michelin tires along with Firestone and Good Year.

Movies

FRIDAY, SUNDAY, MONDAY MARCH 14, 16, 17

"ENEMY MINE" Starting Dennis Quaid and Louis Gossett Jr. (Drama, rated PG-13, 108 min.)

SATURDAY MARCH 15 "BREAKING ALL THE RULES" Starting Carl Marotte and Thor Bishopric (Comedy, rated R, 89 min.)

WEDNESDAY MARCH 19 "PUMPING IRON II, THE WOMEN" Starting Bev Francis and Rachel McLish (Sports-Documentary, rated PG, 106 min.)

FRIDAY MARCH 21 "SWEET DREAMS" Starting Jessica Lange and Ed Harris (Music-Biography, rated PG-13, 115 min.)

Starting Times: Matinee / 2 pm Evening / 7 pm

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

★ U.S. Government Printing Office: 1986 — No. 20046

FROM: _____

TO: _____

PLACE STAMP HERE



The public is cordially invited to the ceramic show sponsored annually by the Desert Ceramic Club tomorrow from 4 to 7 p.m. and on Sunday from 10 a.m. to 7 p.m. at the Senior Citizen Center located at 125 S. Warner.

The show's theme this year is "Ya Ta Hey", with a special category called "American Indian."

Ceramic door prizes, made and donated by members of the club, will be available.

+++

The Country/Western, Country/Rock band "California Southern" will be playing at the Chief Petty Officers' Club tonight from 8:30 p.m. until 12:30 a.m. A prime rib dinner will be featured from 5 to 9 p.m. Reservations are not required.

+++

The Enlisted Mess invites authorized patrons and guests to enjoy the top 40 rock music by the band "Afterwards" from 9 p.m. until 1:30 a.m. tonight.

IWV TV Booster needs help

Help from volunteers is being sought by the IWV TV Booster operations team to install three new ladders on the B-Mountain facility tower. The work party is scheduled for 9 a.m. tomorrow.

Operations team leader Mike Cash believes that the installation will take from 6 to 8 hours, and that six volunteers will be needed who don't mind climbing and working in high places. Anyone interested is asked to telephone the Booster-Phone, 446-7122, and leave name and phone number so

that Cash can call back.

Other work parties are planned during the spring months, so anyone who finds tomorrow inconvenient but wishes to volunteer for future work should also telephone the Booster-Phone to volunteer.

Information about the IWV TV Booster and the organization will be presented at a lunch meeting of the China Lake chapter of IEEE, which will be held at the Commissioned Officers' Mess on Wednesday at 11:30 a.m. Reservations are not required.

Membership nite at COM Mar. 21

The Commissioned Officers' Mess invites authorized patrons and guests to "Membership Night" scheduled for March 21. The buffet style dinner, featuring baked Cornish game hens, rice pilaf, mixed vegetables and a salad bar, will be served from 6 to 9 p.m. for only \$3 per membership number and \$10 for each additional meal. The band "Legends" will perform from 8 p.m. until midnight for dancing and listening pleasure. Reservations are required by March 19.



	Max	Min	Peak Gust	Precip
Fri.	80	47	27 knots	
Sat.	64	51	39 knots	0.07 in.
Sun.	64	42	28 knots	
Mon.	56	43	27 knots	0.03 in.
Tues.	68	42	21 knots	
Wed.	65	41	32 knots	
Thurs.	56	34	23 knots	trace

All measurements are made at Armitage Airfield.

Battle damage repair classes offered at NWC

Since early last year, the Naval Weapons Center (NWC) has been the lead technical activity for the U.S. Navy's Aircraft Battle Damage Repair (ABDR) program. The program was authorized by the Chief of Naval Operations in October 1984 to allow sustained sortie generation during combat operations with the use of repair techniques designed for rapid turnaround of aircraft.

Application of ABDR techniques should permit rapid, temporary repairs to allow evacuation of damaged aircraft to shore facilities when extensive repairs are necessary.

In February of 1985, Naval Air Systems Command (NAVAIR) designated NWC to lead the technical effort for ABDR research and development. Later in 1985, NAVAIR selected NWC as the site for a Navy Aircraft Battle Damage Repair School. The Center was chosen because of the availability of stricken aircraft at Weapons Survivability Laboratory of NWC's Fuze and Sensors Department's Survivability and Lethality Divisions to be used as training aids.

The Navy's position has been to train personnel to do ABDR work on realistic battle damage. Trainees should know what real threat-induced damage looks like and be trained to cope with it as opposed to training on damage simulated by fire axes or other artificial means. Only actual ballistic penetrators can provide the depth of damage expected in combat, and provide realistic training for Navy personnel.

NWC's program for the Navy is still in its infancy, but is based on experience gained by the Air Force's program for several years. The Air Force's approach to ABDR was evaluated by the Navy prior to establishment of NWC's course offerings. The review covered spares provisioning, analysis methods, tool requirements, kit designs and teaching methods.

Much of the Air Force's material and experience was directly applicable to Navy needs, but many areas required modified approaches to meet aircraft carrier opera-

tional environment and Marine aviation needs.

A four-class pilot program was conducted at NWC between July and October of last year. Qualified Air Force instructors taught the first two sessions and qualified

Navy instructors to teach the final two classes of 1985.

After employees of Naval Air Rework Facilities (NARF) at North Island, Calif. and Pensacola, Fla. were trained, Navy instructors taught classes for enlisted per-

sonnel from the USS Saratoga and USS Forrestal. Training included 10 days of classroom and hands-on repairs for technicians and 10 more days for damage assessor training. Two A-7A aircraft were (Continued on Page 5)



WORKING MARINES — Teaching fleet personnel how to repair battle damaged aircraft is the goal of the Aircraft Battle Damage Repair Program at NWC. Using

stricken aircraft at the Weapons Survivability Laboratory, Marines from Marine Air Wing One recently completed the month-long course.

Maxwell, Foremaster presented unique TD Award for their F/A-18 support

Burrell W. Hays, NWC Technical Director, made a "first of a kind" Technical Director's Award presentation at the Commander's Meeting last Monday morning — an award that involved personnel from two separate departments, with the heads of those two departments joining in writing one letter of nomination.

Receiving the awards were Melvin D. Foremaster from the F/A-18 Weapons Support Facility in the Aircraft Weapons Integration Department and Darrell Maxwell from the Avionics Branch of the Electronic Warfare Department.

They were nominated for their outstanding contributions to the F/A-18 Aircraft Electronic Warfare Integration Program and for preparing F/A-18 squadrons for their first carrier deployment.

Hays said that F/A-18s were delivered to the operational squadrons without a functional Electronic Warfare (EW) suite, but that headquarters had directed the aircraft should have both EW and HARM launch capability for their first deployment. The direction was received in early 1984 and the first deployment was scheduled for February 1985.

"Only an establishment like China Lake could possibly have met the requirement," he continued, "and here it took the dedicated work of these two men and the team they gathered to accomplish the

needed result."

The work was completed by November 1984 in time for an operational evaluation by VX-5 before the deployment. In early

January 1985, NWC was given the task of installing, testing and certifying two completed squadrons with the EW and HARM (Continued on Page 3)



INTERDEPARTMENTAL AWARD — Burrell Hays, Center Technical Director, and Capt. K. A. Dickerson, NWC Commander, flank the two latest recipients of the Technical Director's Award, Darrell Maxwell from the Electronic Warfare Department, and Mel Foremaster from the Aircraft Weapons Integration Department.

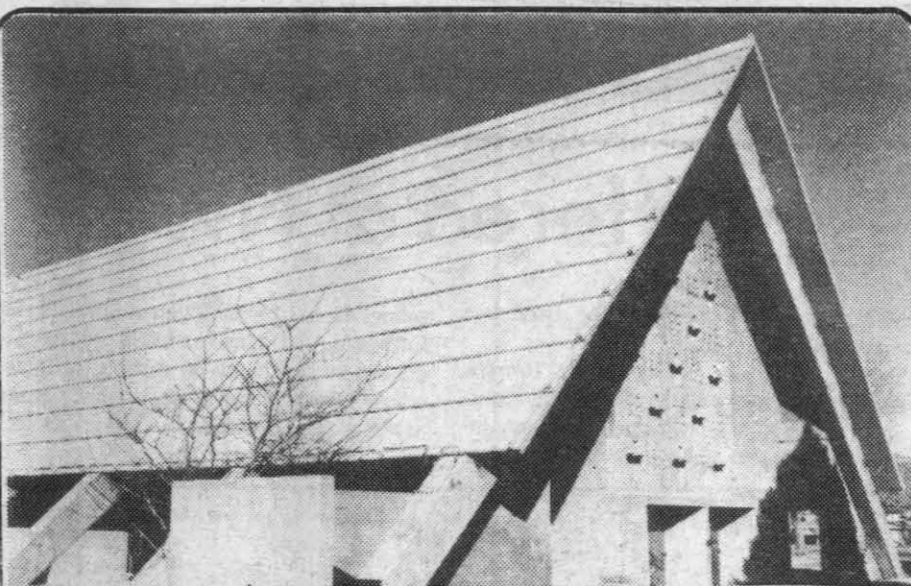
Vandewalle is top sailor

MS2 Peter Vandewalle's outstanding contributions to Air Test and Evaluation Squadron Five (VX-5) and the China Lake community brought him 1986 Bluejacket of the Year honors from the Indian Wells Valley Council of the Navy League.

A veteran of nearly seven years active Navy service, Vandewalle was one of eight China Lake sailors competing for the Navy League honor. He was joined in seeking the top sailor honor by YN2 Guy Wellington, AE3 John Linford and PH3 Greg Hogan from VX-5. From NWC, AC1 Tina Evans, PR1 Harvey Hartman, AD2 German Ydrovo and AE3 Marty Chilton were Sailors of the Quarter for 1985, earning them the right to compete for this prestigious award.

Capt. K. A. Dickerson, NWC Commander, said he "looked forward to recognizing and honoring enlisted personnel... the backbone of the Navy." The Skipper also noted today's sailors are "professional, aggressive and well educated. We can count on them and I have confidence in them."

The eight finalists, noted Capt. A. M. Phillips, VX-5 Commanding Officer, represent a great output of the country. He also said he wanted to thank the Navy League, on behalf of the active (Continued on Page 5)



Divine Services

PROTESTANT
SUNDAY WORSHIP SERVICE 10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing) 9 a.m.
BIBLE STUDY (East Wing)
 Tuesday 7:30 p.m. (Nursery provided) Sept. through June
 Wednesday 11:30 a.m. Sept. through June
 Thursday 7:00 p.m. Officer's Christian Fellowship
 Christian Military Fellowship
ROMAN CATHOLIC
SUNDAY MASS 9:00 a.m.
CONFESSIONS (Sunday) 8:15-8:45 a.m.
COMMUNION SERVICE (Monday) 11:35 a.m.
DAILY MASS (Tuesday through Friday) 11:35 a.m.
CONFESSIONS (Friday) 4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May 10:30 a.m.
JEWISH
WEEKLY SERVICES (Friday, East Wing) 7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4) 9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 4) 1 p.m.
 Chaplain J. Milton Collins, Capt., CHC, USN
 Chaplain A. J. Smith, Cdr., CHC, USN
 Chaplain Jason E. Knott, LCdr., CHC, USN
 Phone, NWC ext. 3506, 3507

Workers sought by Rec Services

The Youth Activities Branch of the Naval Weapons Center Recreational Services Department is looking for party coor-

dinators and balloon-o-gram delivery persons. For more information, please contact Kelley McCammon at NWC ext. 2571.

Mary Waldsmith enjoys logic involved in law

"I like the logic in law — because there's logic even when it seems to be illogical," says Mary L. Waldsmith, Associate Counsel for the Naval Weapons Center. "I also like to write, and the biggest part of a lawyer's job is writing."

That she not only likes to write but is good at it is attested by her having worked as a reporter for the Phoenix Gazette in the town in which she grew up, Phoenix, Arizona. She started working as a reporter when she was only 17, and, by the time that she was a senior at Arizona State University, Ms. Waldsmith worked full time as a reporter as well as going to school full time. Her undergraduate degree was, logically, in journalism.

"I really wanted to study law, or, if not law, then economics, because that, also, I see as being logical," she says. "I had never dreamed that I could qualify for law school."

But quality she did, not only at Arizona State University but also at the University of Arizona. Given the choice of the two law schools in the state to which she had been brought from her native Chicago when she was only five years old, she chose to re-

main in Phoenix and attend ASU in Tempe. After having taken the bar examination and while awaiting the results, she worked for Williams Air Force Base in an intern type job for the legal office.

Once the results were out and she received word she had passed the bar examination, she took another big step and joined the Judge Advocate General Corps of the Army. Following a short period of indoctrination in Virginia, she was then assigned to Ft. Bliss in El Paso. There, as Capt. Waldsmith, she handled labor law, Equal Employment Opportunity cases, Freedom of information Act requests, privacy law, and the same general administrative law and criminal law that might be expected of someone in the JAG. However, she also got into procurement and contracts, and discovered that this was an aspect of law that she enjoyed thoroughly.

"Procurement and contracts," she says, "is not a mystery. Working in that area merely means learning a set of rules, and how to apply these to unusual situations."

This enjoyment in procurement encouraged her to get out of the Army and go

Sore throat? Here's why

Sore throats are one of the most common symptoms affecting children and adults, especially during the winter months. According to Kern County Public Health Services officials, this is not surprising, as the throat acts as the body's first defense against invading organisms. Anything that enters the body by the nose or mouth must pass through the throat.

A sore throat is often part of an upper respiratory infection. Therefore, when a sore throat is associated with other cold symptoms such as a runny nose, a visit to the doctor is not necessary. Most sore throats, like the common cold, get better on their own without treatment. When a "biting" or "painful swallowing" sore throat occurs, however, particularly with a fever, a trip to the doctor is recommended.

Some sore throats are caused by bacteria. Strep throat is the most common type of bacterial sore throat which requires treatment by a physician. If treatment of

strep throat is started early in the illness, symptoms may lessen and the complication of rheumatic fever may also be prevented.

Throat pain may be a symptom of a viral infection such as the common cold or influenza. A sore throat that is a symptom of a viral illness will disappear as the condition improves. The best treatment is bed rest and an analgesic for fever. Antibiotics are of no value with viral infections.

Some sore throats are not caused by bacteria or virus. An unusual cause for sore throat can be a fungus infection in a person with a suppressed immune system. Other sore throats may be caused by voice abuse (yelling at a sports event) or the inhalation of irritating substances (such as smoking). Although a sore throat is a common and relatively simple complaint, health officials advise that any sore throat not accompanied by obvious cold symptoms should be evaluated by a physician, particularly if a skin rash appears.

Last week for rebadging

Military and civilian personnel on the Center who have not yet picked up their new area access badges have another week to do so with regular rebadging procedures.

Monday rebadging will be carried on in the conference room of Building 70049 at EWTS; Tuesday, at the conference room

of Building 00979 in the Public Works complex; and Wednesday and Thursday, at the ballroom of the Enlisted Mess.

Anyone unable to get to any of the rebadging sites during the scheduled times should go to the Safety and Security Building between 7 a.m. and 5 p.m. after March 20 for a new area access badge.

St. Pat's dinner planned Sunday

Sunday's the day to join the Catholic congregations of the All Faith Chapel and St. Ann's Church at their annual St. Patrick's Day celebration and dinner.

This year it will be held at the Knights of Columbus Hall, 725 W. Ridgecrest Boule-

vard in Ridgecrest, starting at 5 p.m.

Tickets are \$5 for adults and \$2.50 for anyone under the age of 12. They can be purchased at the Chapel office on-Center, or after weekend Masses at St. Ann's Church.

to work for the Navy with the Office of General Counsel because she had the opportunity to spend more time in that field there. Her first assignment with the Navy was at the Naval Ocean Systems Center in San Diego in 1983. Following a stint there, she was assigned to the Naval Regional Contract Center in Long Beach for about six months before moving to China Lake last November.

"My primary focus here," she says, "is contracts. I also deal with civilian standards of conduct, Freedom of Information Act requests on contracts, and occasional personnel issues, and anything else referred to the office."

When not in her office in the Supply Department compound, she enjoys playing

the piano, listening to music, reading (I'll even read cereal boxes if there's nothing else available," she chuckles), and playing with her two cats. On trips out of town, she enjoys going into a shopping area and window shopping or just watching the crowds. Not having a big shopping mall available here is something she misses, she says.

Otherwise, she says, she feels pleased with her line of work because she finds it intellectually satisfying.

"You don't go to law school to learn law," Ms. Waldsmith believes. "You go to learn to think. You learn the law when you do the necessary research for whatever case you're working on. And law is a growing, changing thing, so you've always got something new to learn."



STUDYING HARD — Mary Waldsmith enjoys the research connected with learning law to apply to particular cases.

NWC Branch Clinic personnel compete at Long Beach



About twenty-five enlisted personnel and officers from the NWC Branch Clinic traveled to Long Beach recently to take part in the Operational Readiness Captain's Challenge Cup competition.

The NWC team took first place in tent raising competition and put in a good showing in other events.

Joining NWC personnel and those from the Long Beach Naval Hospital were clinic personnel from El Toro, Terminal Island, Point Mugu and Port Hueneme.

Competition was in seven different events, ranging from an old-fashioned egg toss to a mini-triathlon and from an obstacle course run to triage of simulated patients.

The obstacle course event consisted of three-person teams, one of whom had to be on a stretcher carried by the other two.

CH-46 Chinook helicopters landed with simulated casualties for personnel who took part in triage competition. The contestants had to assess the injuries before treatment could begin.

Tents, similar to those used by Mobile Surgical Units were erected as part of the competition, an area where NWC Clinic personnel excelled.

Clinic officials hope this is the start of a series of such competitions, including one that would be hosted by NWC's Branch Clinic at a later date.



NEW LOOK — Gas mask drills were part of the Captain's Challenge Cup competition at Long Beach recently.

Photos by PH2 Rick Moore

THAT WAY — CWO4 Dale Day (in helicopter) and Shawn Day rush a loaded litter to a triage station.



TENTING TIME — If you put the right tent poles in the right holes the tent goes up in a hurry.



STRETCHER RUN — HM2 Pat Blevins and HM3 Roberta Patmon weren't about to let a little mud from the obstacle course stop them from getting their litter, loaded with HN Jeannine Farrell to the finish line on

time. HN Lee Florian and HN Guy Baron found more mud than anything else when they ran the obstacle race with a loaded litter.

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 appropriated funds by a commercial firm in compliance with NAVSO 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 basketball loop ends 1986 winter season

Nine games this week wrapped up the 1986 Youth Winter Basketball League season. The 18 teams took part in an awards ceremony Tuesday night as the final event of the season.

Instructional Division Stars 32, Bulls 12

Leading all the way, the Stars had little trouble picking up the victory. Jonathon Moffitt's 18 points were tops for the winners while David Davis added eight markers. Tony Halemman notched five points in the loss while Jeff Caruso added three markers.

Nets 23, Suns 11

Held scoreless in the first and third periods, the Suns were no match for the Nets. Brett Becker's nine points paced the winning effort while Larry Reeder added six tallies. For the Suns, Chris Potten and Mark Garland got four points each.

Intermediate Division Spurs 39, Nuggets 29

Scott Hanson was a one-man gang for the Nuggets, hitting 25 of the team's 29 points, but it wasn't enough to stop the Spurs. Nine

players shared in scoring for the winners with Scott Ross' 12 points leading the way. Scott Foremaster added seven points while Roger Walden had 11.

Huskies 36, Rockets 19

Balanced scoring from the Huskies easily overcame the Rockets. Patrick Rindt led the winners with 11 points while Dennis Sarrett and Josh Moorehead had 10 markers each en route to the win. Joseph Celestine led the Rockets with eight markers while Sean Gilbreath added five points in the losing effort.

Celtics 22, Pistons 21

The Celtics barely held off a fourth quarter Piston rally to squeak by in their final clash. The Pistons outscored the

Celtics 10-2 in the last period to make it close. Darrel Eddins Jr. hit 14 points to lead the winning attack while Charles Rowland added four tallies. Tom Mather's seven points and four each from Adam Pluge and Sean Williams were tops for the Pistons.

Junior Division Jazz 26, Pacers 25

With a 12-0 fourth quarter bulge, the Jazz roared from behind to nip the Pacers in their season finale. Chris McLauri led the winners with nine points while Derek Brown and Brad Bays added four points each. The Pacers got six points from Philip Johnson and four each from Todd Mather and Brian Perez.

Lakers 44, Hawks 43

In another close encounter, the Lakers nipped the Hawks, thanks to a 21-14 final period edge in scoring. The Lakers trailed 29-23 going into the last stanza. Greg Benadom led the winners with 16 points and Michael Stratthdee added 15 markers. The Hawks got 10 points from Rodney Zagala and eight from Russell Lester.

Senior Division

Bullets 55, Mavericks 47

Chris Armstrong rolled for 25 points as the Bullets stopped the Mavericks. Perry Martine added 13 markers and Tom Means had nine points. Aldean Jones hit 22 points for the Mavericks and Kecey Newman added 10 in the losing effort.

Clippers 49, Kings 49

Another rare tie basketball game found the Clippers overcoming a 16-0 first period deficit to knot the game. Wade Boyak led the Clippers with 30 points while Chris Blank added six markers. The Kings saw their lead vanish with a 20-point Clipper fourth period. Kris Meraz led the Kings with 24 points while Kevin Sizemore added 20 markers.



Sports

King and Court team plans benefit performance here

World-class softball competition is set for China Lake on April 1 when the King and His Court softball team appear to answer the challenge by Muscular Dystrophy and El Charro Hombres.

Sponsored by China Lake Fire Fighters and Ridgecrest Volunteers, the game is set for 7 p.m. at Schoeffel Field on Tuesday, April 1.

Eddie Feinger, who bills himself as the world's greatest all-time softball pitcher is bringing his four-man team to town for the benefit performance.

All profits go to the Muscular Dystrophy fund drive.

Feinger has pitched 34 innings in a single game, fanning 73 batters and winning 7-6. He once pitched blindfolded, striking out 18 batters while walking just three.

The King and His Court played a 179 game schedule covering most of the United States and Canada during 1953 and lost just 16 of the 179 encounters.

Advanced tickets are now on sale at the Flower Shop on Ridgecrest Blvd. and at NWC Fire Station 1. Adult tickets are \$5 each and children's are \$4 each.

Rademacher Ridge Run set

Runners in the Indian Wells Valley can enter the Over-The-Hill Track Club's annual Rademacher Ridge Run on Sunday at Cerro Coso Community College.

This sixth annual Ridge Run is a 9.3 mile (15 kilometer) run that begins at the college and climbs the ridge south of the college, then loops back to the east to finish at Cerro Coso.

There is no entry fee for the Rademacher Ridge Run. Non-members of the OTHTC will be asked to sign an insurance waiver before they run.

Signups start at 8 a.m. while the run itself is set for a 9 a.m. starting gun.

For additional information call Bill Wilson, race director, at 446-7126.



HOT CAR — Davic Leighton (left) brought his dragster to the China Lake Child Care Center last week to give youngsters a close look at a race car. Kevin Koch is standing in the driver's seat asking when he can take it for a spin.

Sequoia Forest seeks help from volunteer workers

Sequoia National Forest needs help. Anyone who wants to help the Sequoia National Forest as a volunteer should contact the Forest Service office at 900 West Grand Ave., Porterville, phone 209-784-1500 or District Ranger Stations at Clingan's Junction, Springville, California Hot Springs, Bakersfield and Kernville.

According to Forest Supervisor Jim Crates, volunteers last year made very significant and vital contributions in assisting with resource management and public services provided by the Sequoia National Forest. In 1985, 427 volunteers contributed 9.4 person-years valued at more than \$98,000 to Forest projects. Volunteering often allows people to learn about National Forest programs and policies.

Jones' Mobil retains lead

Jones' Mobil seems to have a lock on first place in the Premier Bowling League. The leading legklers sport a 306½-153½ record to the 265-195 mark held by second place bowlers from the Buggy Bath team.

Ernie Lanterman took top individual honors this week with a 233 game and a 641

Young people gain valuable work experience.

Volunteer opportunities for 1986 include:

— Campground hosts who live in campgrounds and assist in providing vital information to visitors while doing light maintenance and cleanup;

— Trail maintenance workers who remove brush and debris fallen in the trail during the past year. Groups and families often adopt specific trails;

— Meadow restorers who work in high country meadows, removing encroaching trees and brush, constructing erosion barriers and improving fish habitat; and

— College interns in natural resource management including students who work in forestry, recreation, fire, soils, watershed, and wildlife management.

series. Steve Ridings rolled a triple-200 series of 209-216-200 for a 625 total series. Larry Jeffries also had a good day with a 233 series.

Team action found Thrifty Wash bowlers with a 799 team game and Farris' Restaurant bowlers rolling a 2,281 team series.

will have to be determined by biologists from the Department of Fish and Game, however, but at the 18-pound-plus range it's hard to tell whether a catfish is a white or a channel cat.

The monster was caught last weekend

Record catfish at Isabella

One absolutely delighted angler at Lake Isabella caught only one fish — but what a fish!

If the fish is a white catfish, he's got what will be not only a state record, but may also be a world record. Whether it is a white cat



The Skipper Sez...

QUESTION

I was wondering if there was some way to have the Center Library have a bigger budget? Or, if that is not necessary for a government organization or government funding, if there could be established a Friends of the Library, or something like that, so we could do book sales and have money so that the library could get more books? They are really in need of having a larger selection of books. Thank you.

ANSWER

The Center Library's funding is in the Military Support category, funds that traditionally are in short supply. Services funded under this category include morale, welfare, recreation, quality of life programs, and tenant activities that directly support the Center's military personnel. This means that our insufficient military support funds must be fairly allocated among such functions as the Galley, the Chapel, building maintenance, and Recreational Services. The Center Librarian, Elizabeth Shanteler, does an excellent job of making her share of these funds "stretch" to cover the books and library services most demanded by library patrons. Indeed, the Regional Naval Librarian says that our library has the best collection for a library of its size in the entire 11th Naval District.

The Center Library has the number of volumes recommended by both the American Library Association and the Naval Libraries General Manual for a library serving a community the size of the Indian Wells Valley. The library staff works hard to build a collection that reflects the needs of the community. Mrs. Shanteler welcomes recommendations for acquisition and encourages any patron who has needs not met by the collection to discuss these needs with her.

I'm most appreciative of your offer to help the library by establishing a Friends of the Library group. By regulation, the library may not solicit gifts. If gifts are offered gratuitously and unconditionally, however, they may be accepted. You'll notice elsewhere in this issue that Marian Harwell, a long-term supporter of the Center Library, was honored recently for her numerous gifts to the library. The library staff could not be involved in a private library support group, but the library could accept from that group as long as such gifts were not solicited.

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

TD Awards. . .

(Continued from Page 1)

launch capability in the seven weeks before these were scheduled to be sent to an aircraft carrier.

According to the letter of nomination signed by Dr. Edward Kutchma, head of the Aircraft Weapons Integration Department, and Paul Homer, head of the Electronic Warfare Department, the two men formed a Tiger Team to address the problem. The 20 aircraft were ready on time, despite the many problems that had to be solved in this very short period of time.

Once these two squadrons from Lemoore NAS were ready for deployment on the USS Constellation (in addition to training squadron maintenance personnel), they then prepared four squadrons deploying on the USS Coral Sea at Cecil Field and El Toro.

Foremaster, as a member of the F/A-18 WSSA, provided overall planning and management, coordinated efforts with the squadron commanders, headquarters, NWC and support contractor personnel. He

also provided the F/A-18 aircraft avionics systems engineering expertise required to integrate the EW/HARM suite onto the aircraft.

Maxwell acted as team leader. He was responsible for the EW suite integration and coordinating the efforts of the Tiger Team members. He was the lead EW systems engineer and was directly responsible for the successful integration of this sophisticated set of subsystems, according to the nominating letter.

At the conclusion of the ceremony, Foremaster and Maxwell joined in praising the outstanding group of technicians from both their departments and the Engineering Department who had joined in providing support. "Without their help," the men noted, "this could not have been achieved."

Foremaster, an electronics engineer, had been at NWC since July 1971. Maxwell, a mathematician, joined the Center's work force in June 1980.

'Soviet Seapower' presentation slated

"Soviet Seapower," a two-hour multimedia presentation about the Soviet Union and its people, and Soviet naval doctrine, tactics and motivation, will give local residents a rare look at another major world power when it is presented at the Naval Weapons Center theater. Only one performance of this renowned program will be open to everyone here: on Wednesday, March 26, from 6:30 to 8:30 p.m.

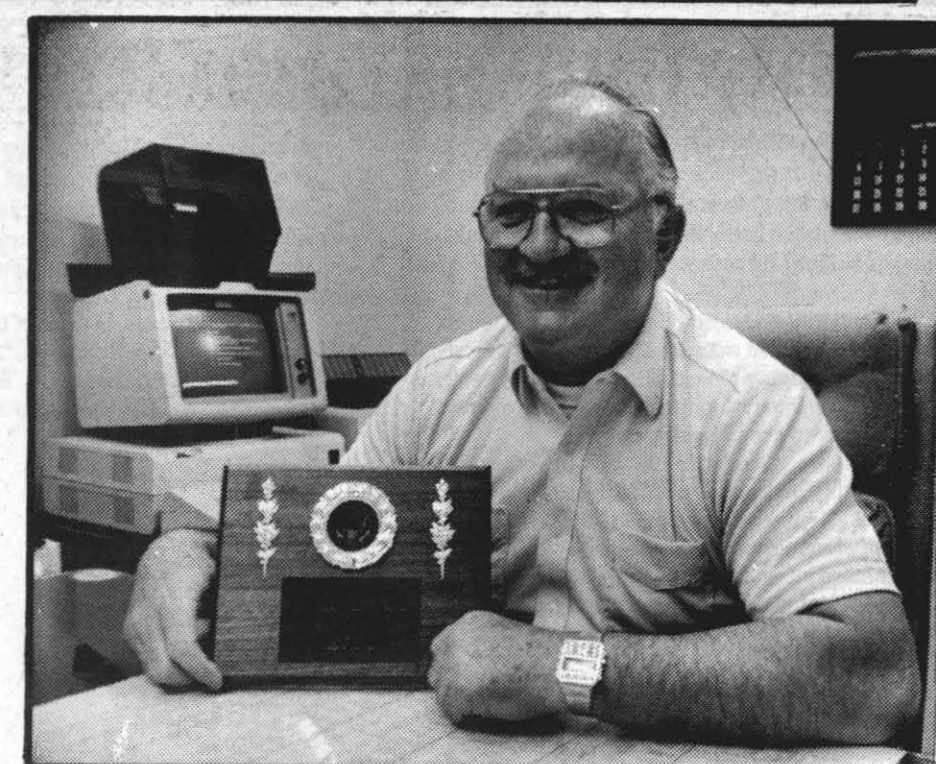
The early hour for starting was selected so that young people could attend even though it is a school night.

The five-man Marine Corps briefing team presentation is elaborately produced, using slides, video tape, Soviet music, and role playing as the origins of the Soviet navy are

described under Tsar Peter the Great, and brought up to date. The theater itself will be decorated with Soviet propaganda posters, flags and naval warfare crests.

The program highlights the checkered history of the Red Navy, with its remarkable innovations and heroic actions countered by disastrous combat defeats and second class status to the country's ground forces. Presenting Soviet views of America and the American way of life will be "Kapitan-Leytenant Viktor Vladimirovich Tributs" and "Petty Officer Vladimir Ivanovich Aleksandrov," (actually two costumed members of the briefing team.)

No advance tickets are required for this unclassified briefing. Center military and



HONORED — Claude Brown holds the plaque presented to him by the Los Angeles Federal Executive Board as an outstanding supervisor.

Fed'l Executive Board honors NWC personnel

Claude W. Brown, head of the Weapons Control Branch in the Weapons Department, topped the list of Center personnel who were honored by being nominated for the Los Angeles Federal Executive Board's Distinguished Public Service Awards recently.

Nominated in the category "Outstanding Supervisor" were not only Brown, but also Dr. Richard E. Kistler, head of Central Staff, and Donald T. Green, associate head of Central Staff for Administrative Information.

Nominated in the category "Outstanding Professional Employee" was Robert L. Pendleton, an operations research analyst in the Warfare Analysis and Requirements Group of the Weapons Department.

Winner of the "Outstanding Supervisor" category was Col. Vernon M. Karlen, Headquarters Space Division, USAF, with Brown being chosen as runner-up.

"I'm overwhelmed," Brown says. Speaking for all the nominees, he adds, "It's a tremendous honor just to be nominated, when you consider the number of military and civilian federal employees in Southern California."

He continues, "Despite feeling deeply honored, I know that I'm no good without my people."

His branch consists of an average of 35, and is as diverse a group as can be found at NWC. In the group are both electronics and mechanical engineers and engineering technicians, engineering documentation specialists, a secretary, and a group of military Fleet Fire Control technicians.

In addition, he has a student under the new Technical Mentor Program, usually has at least one Junior Professional employee, and has had both regular sum-

mer employees and those hired under programs for the disadvantaged.

"I've tried to practice what the EEO program teaches," he says, since his group contains women, minorities and handicapped. "But," he says with pride, "all of these were hired on their own qualifications for the job, not because they represented some minority."

Brown notes that his group is unusually large because of the amount and range of work falling within their mission. "This range of work is great, especially since it includes a lot of hands-on hardware work, because it provides a lot of opportunity for growth for everyone in the group."

Dr. Kistler was nominated for his leadership and managerial excellence as evidenced by his commitment to the development and utilization of Central Staff's administrative, financial and management personnel.

Green's supervisory excellence is evidenced by the selection of NWC as the first site for the implementation of the Standard Automatic Financial System.

Pendleton's nomination resulted from his outstanding professional contributions to the effective analysis of AMRAAM and for the application of artificial intelligence techniques in his work.

A total of 84 federal employees, military and civilian, were nominated for this year's Los Angeles Federal Executive Board Awards.

Talk planned on city budget cuts

Roger Ward, Ridgecrest City Finance Director, will talk about the effect of Federal cutbacks on American cities at an open luncheon meeting of the American Society for Public Administration on Friday, March 21.

The meeting, which starts at 11:30 a.m., will be held at El Charro Avitia in Ridgecrest. Although all those attending will order from the menu, reservations are requested to ensure adequate seating. All interested persons are invited to attend.

Reservations can be made by telephoning Johann Webster, 375-4833, or Bill Eichenberg, NWC ext. 3004.

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)

'Mighty Mouse' goes to Fleet from NOTS in 1952

Mighty Mouse and Zuni rockets are two of the best known early folding-fin aircraft rockets developed at the Naval Weapons Center. They came about when new aircraft technology mandated use of internal launchers, unable to accommodate to fixed-fin rockets developed during World War II.

The 2.75-inch FFAR (folding fin aircraft rocket) was designed to be launched with deadly effects by jet aircraft. Better known as Mighty Mouse, it was originally designed as an air-to-air weapon; it quickly became one of the primary U.S. air-to-ground weapons.

Initial development began in 1948, and by 1973 more than 50 million Mighty Mouse rockets had been produced for the armed forces. It saw extensive use in both Korea and Vietnam as antipersonnel and flak-suppression weapons.

Mighty Mouse incorporated a number of innovative new developments including new propellant, lightweight metal parts and new methods of attaching the nozzle-fin assembly to the motor tube.

Development of the Zuni rocket followed Mighty Mouse with a hard-hitting, 5-inch FFAR. The Zuni used a high-performance motor and featured interchangeable warheads for added versatility.

NWC-developed folding fin aircraft rockets were the first mass-produced rockets in the U.S. following World War II. Mighty Mouse went to the Fleet in 1952 and Zuni was released in 1960.

C. Anderson was Mighty Mouse project engineer while H. J. Hockett served as Zuni project engineer.

The development of these rockets was made possible by resident expertise in rocketry, and the unique combination of facilities for warheads, launchers, and propulsion development.

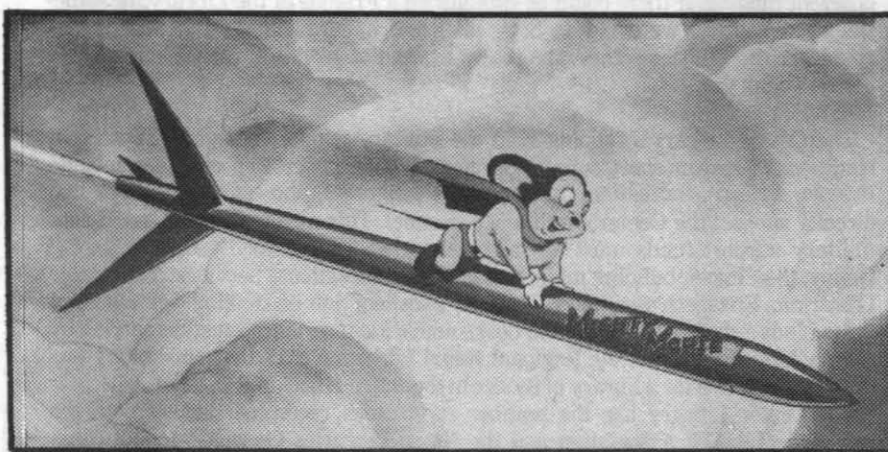
In 1951, Paul Terry, creator of the original "Mighty Mouse" cartoon character and "Terrytoons" sent then NOTS Commander, Capt. W. V. R. Vieweg a copy of a cartoon drawing he did with Mighty Mouse riding atop his

namesake rocket. The drawing was reproduced in the Rocketeer and in a NOTS recruiting film.

Other post-war development efforts included work on the Big Richard rocket. The development began late in World War II as a follow on to the Tiny Tim rocket. Big Richard was a 14-inch rocket whereas Tiny Tim was 11.75 inches.

Big Richard never made it into the Fleet inventory, but some developmental rounds were pressed into service as rocket boosters for the Lark missile and others as boosters at the K-2 Range high-speed track.

75 Years of Naval Aviation



China Lake Police Reports

A battery occurred on Hubbard Circle while the wife was moving out of the household (she and husband are in process of divorce). He struck her, causing minor injuries to her hand.

A boy came into the police station to ask police to help him get his bike back from a "friend" to whom he had loaned the bike. They took him to the neighborhood where the other juvenile lives, and helped him reclaim his property.

Disturbances of the peace kept the police busy during the past week. When a military husband and wife had a verbal altercation on Vieweg Circle, he lost his temper and punched two holes in the wall. The police filed a vandalism report, therefore, when called to quell the disturbance. On Halsey Road, when a military couple had a noisy altercation, the OOD placed the man into the restricted barracks for the rest of the

night. On Young Circle, a verbal altercation between a civilian couple also resulted in the police being summoned. By the time that they reached the household, the man had passed out. And, on Hubbard Circle, the man of a couple that is separating was cleaning the house prior to checkout when his spouse came in and threw trash all over the place.

Two traffic accidents occurred in parking lots. In the west lot of Michelson Laboratory someone backing up backed into another car, causing minor damage to both vehicles. At the Trident facility, a driver backing north in the parking lot turned his wheels a little too sharply and hit another vehicle, again with minor damage to both vehicles.

Two drivers celebrated some occasion not wisely but too well. Both were picked up for driving under the influence and spent

the next five hours in the China Lake police station before being cited and released.

While a man was working on his car in his driveway, his five-year-old son knocked the car out of gear. In the attempt to get the child out of the car that then rolled down the drive, the youngster's ankle was injured. A medical follow-up indicated that the injuries were to soft tissue only. The man was counseled not to leave a child in a car held only by gears.

A good citizen found an area access badge an NWC employee had lost in Ridgecrest and brought it to the China Lake police station.

On Monday a resident complained that a door-to-door religious group had come by. Police told the persons going door-to-door this was not allowed in Navy housing.

Someone threw rocks through the wall of the women's bathroom at the Knox Field snack bar. A vandalism report was filed.

Someone removed three paint spray guns and about 40 spray tips from the paint shop in Public Works. Estimated loss is close to \$1,000.

Two traffic collisions were reported on the same day. In one instance, one car backed into another in Bennington Plaza and the other involved two driverless cars. On Stroop Avenue, a vehicle whose brake was not properly set rolled out of a driveway and struck another car, also driverless and parked.

Police responded to a report that someone under a court restraining order had appeared at Vieweg School. By the time the police arrived, the individual had left.

Local ARC worker assists northern Calif. flood victims

Diane Grattaroti, administrative assistant for the Indian Wells Valley Branch of the American National Red Cross, got a baptism of fire — or, to be more precise — water in disaster work recently when she was called on to serve in shelter management for the Red Cross operations in the northern California floods.

"I was called at 10:30 a.m. on February 18," she says, and was told that I had three hours to pack and get to Bakersfield from which I'd be given an assignment in the flooded areas up north."

By 9 a.m. the next day, she was busy in Napa, helping distribute cleanup kits to those who had been flooded out in that area. At midnight Thursday, however, she was awakened and told to be ready to be moved immediately to the region between Yuba City and Marysville where a 30-foot section of the levee had unexpectedly given way, leaving between 15,000 and 17,000 people homeless.

"That no lives were lost in that break was a blessing," she says. "There had been no real warning. A man riding his bike along the top of the levee spotted the break occurring and gave out warning. Police and fire trucks roared through the streets to warn people living in the low areas, and most of these had 10 minutes or less to

evacuate their homes."

According to Mrs. Grattaroti, most of the people were evacuated to two sites: Beale Air Force Base and a high school in Sutter. Since the last break in the "Linda" levee had taken place in 1955, most people were not prepared for such a break.

Yuba City provided shelter for almost half the people for the first 24 hours until some determined that it was safe to return to their homes, but the Red Cross and Salvation Army, working together, still provided literally thousands of meals each day.

How closely those two organizations functioned together to meet the needs of the stricken, she says, was one of the most gratifying elements of the whole operation.

Being able to provide practical help for those who were in such great need, Mrs. Grattaroti says, was truly enormously satisfying, as well as this providing superb training in case any sort of a catastrophe strikes the local area.

"I hope nothing ever happens here," she notes, "but, if it does, a lot of what I learned can be put to good use in China Lake and Ridgecrest." The American Red Cross is a member agency of the United Way of Indian Wells Valley.



TENDER CARE — A Red Cross worker in a shelter at the northern California floods takes care of a wee victim. More than 15,000 victims were in ARC shelters. — Photo Courtesy of American Red Cross

Vandewalle selected Sailor of the Year ...

(Continued from Page 1)
duty military personnel, for their efforts at recognizing and honoring top sailors at China Lake.

Petty Officer Vandewalle supervises operations of VX-5's Bats Mess and oversees activities of the Squadron's Welfare and Recreation Committee.

The native of Green Bay, Wis., also supervises wardroom functions and ensures personnel can get products and services they need at the Bats Mess.

In addition, MS2 Vandewalle has been active in Navy Relief Society fund raising efforts and worked on the Combined Federal Campaign Drive. He has been instrumental in organizing drives and squadron parties of all sorts.

At VX-5 for the past two years, Petty Officer Vandewalle reported to China Lake from duty aboard the U.S.S. New Jersey. He says he's been right at home at China Lake. He has also undertaken duties such as arranging squadron sponsorship of a Boy Scout troop and Little League team.

In the letter of commendation when Vandewalle was named Sailor of the

Quarter Capt. Phillips wrote, "you have worked to improve community affairs . . . your continued efforts to improve Squadron morale are greatly appreciated."

As the Navy League's Bluejacket of the Year winner, MS2 Vandewalle received \$500 from Navy League sponsors, \$200 in U.S. Savings Bonds from the NWC Federal Credit Union and a

free one-year membership in the Fleet Reserve Association.

Each of the seven runners up received cash awards of \$150. Richard Suprenant, IWV Navy League President, assisted Capt. Dickerson and Capt. Phillips in making award presentations.

Summing up his remarks at the banquet, Capt. Dickerson called the sailors seeking this annual honor "outstanding representatives of the finest Navy in the world."

Petty Officer Vandewalle said he was thrilled with the honor and noted he couldn't have done it without the people in VX-5. "They made it possible," he added.

Harry Parode, USN, (Ret.) acted as master of ceremonies for the night. He read biographical information on each candidate and narrated a brief slide presentation on each of the eight sailors showing them at work, at home and at play.

FRA observes 40th birthday celebration

China Lake Branch 95, Fleet Reserve Association will celebrate its 40th anniversary tomorrow evening with a big anniversary dinner. The dinner will be held at the Elks Lodge, 201 East Church Street, in Ridgecrest.

The evening will begin with a social hour at 6:30, with dinner served at 7:30 p.m. Cost of the dinner for members, spouses and guests is \$7.50 per person. Although reservations are requested, they are not mandatory.

Special guests for the evening include Capt. Marty Phillips, Commanding Officer of VX-5, and Capt. K. A. Dickerson, Commander of the Naval Weapons Center. Capt. W. W. Hollister, USN (retired), former Commander of the Naval Ordnance Test Station (forerunner of NWC), who is an honorary member of China Lake Branch 95, will also attend, as will Jim New, Vice president of the South West Region, FRA.



OUTSTANDING BLUEJACKET — MS2 Peter Vandewalle is congratulated by his commanding officer, Capt. A. M. Phillips, of VX-5, for being named Blue-

jacket of the Year by the Navy League of the Indian Wells Valley. He was one of eight China Lake sailors seeking this honor. — Photo by PH2 Rick Moore

Marines and sailors train for battle damage repair ...

(Continued from Page 1)

used for technician training and an F-4B for assessor training.

Following a three-month training suspension for assessment and evaluation of the program, classes resumed early this year. Classes at the Naval Weapons Center will focus primarily on active duty fleet personnel.

To fully implement the proposed training program, more Navy instructors were needed. The Air Force conducted a two-month long program to establish an instructional cadre that could continue fleet personnel training. Two candidates from each NARF attended training at Hill AFB to prepare for becoming instructors.

During the training of instructors, Paul Whitten, NAVAIR sponsor, briefed Carrier Air Groups, Marine Air Groups and Naval Reserve Forces on training available to their personnel.

Sailors from the USS America began training on Jan. 6 of this year and were followed by the first Marine trainees,

enlisted personnel from Marine Air Wing Two (MAW 2). The first class of Marines graduated from the NWC school on Feb. 28 and were followed by personnel from the USS Carl Vinson this month. In April, Marines from Marine Air Group 31 will attend classes at the ABRD School at NWC.

Classroom training is being held in a temporary facility at the Weapons Survivability Laboratory and on stricken aircraft available in the same area. Surplus mobile homes are being prepared by NWC Public Works Department crews to allow instructors to teach two classes simultaneously.

When the ABRD Training Plan is completed and approved, the Navy Air Technical Training Command (NATTC) will assume responsibility for the program. NWC is a temporary training site, but is being considered as a permanent home for Aircraft Battle Damage Repair training according to Tim Horton and Al Wearner in the ABRD Project Office (Code 33805).

VFW has St. Patrick's dinner

Veterans of Foreign Wars Ship 4084 invites everyone in the community to attend the annual St. Patrick's Day dinner and dance at the VFW hall, 117 Alvord St., Ridgecrest, tomorrow.

A social hour begins the festivities at 4 p.m., with dinner served from 5 to 8 o'clock, and dancing thereafter. The dinner

consists of corned round of beef, cabbage, and all the trimmings.

Tickets are \$8 each for members and guests. Any profits will be used to purchase needed items for the VFW gallery. Further information can be obtained by telephoning the VFW at 375-4084 or Jim Elliott at 375-5369.



DAMAGE REPAIR — Realistic battle damage to aircraft at the Weapons Survivability Lab is an important part of training Fleet and Marine air personnel in the Aircraft Repair Program now underway at NWC.

INTRODUCTION TO SUPERVISION

7-11 April, Monday-Friday, 0800-1600, Training Center. By D. Jones.

Scope: For first-level supervisors needing training in basic supervisory ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, will provide you with fundamental grounding in practical modern concepts of supervision. Topics to be covered are introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NWC personnel management, and a workshop summary.

Deadline: 24 March.

DONT—PREVENTION OF SEXUAL HARASSMENT CLASS FOR SUPERVISORS

10 April, Thursday, 0800-1530, Training Center. By: NWC Sexual Harassment Prevention Training Staff.

Scope: This is the Department of Navy approved "Prevention of Sexual Harassment" training course that is mandatory for all supervisors. This course includes defining sex discrimination and sexual harassment, the legal and regulatory bases, organizational responsibility for prevention, supervisor counseling skills, and other related topics.

Deadline: 27 March.

READING THE NIF 009 "DETAIL"

29 and 30 April, Tuesday and Wednesday, 0800-1130, Training Center. By: Hank Snell.

Scope: Designed to help you read and understand one of the most important reports produced by the Center's Navy Industrial Fund (NIF) financial system. This course covers the basic NIF concepts of cost center, accounting shop, job order structure, labor acceleration, stabilized rates, and applied overhead. The job order transaction cycle (commitment, obligation, accrual, and cost) is covered for labor; inventory issues; DES orders and contracts for material, services, and equipment; travel; cost distributions and transfers; and "bad charges." A financial report overview covers the CFM004, the CFM070, the DES005, and other Center financial reports.

Deadline: 15 April.

FINANCIAL MANAGEMENT

22-24 April, Tuesday-Thursday, 0800-1130, Training Center. By: Gale Poppen.

Scope: Provides financial personnel with information on the NWC financial system. Topics include information about NIF, overhead, job order numbering, customer order numbering, facilities, appropriations, and how the Center is funded.

Deadline: 8 April.

CAREER OPTIONS AND STRATEGIES AT NWC

10 April, Thursday, 0800-1600, Training Center. By: Code 09 staff.

You will learn to realistically and systematically set personal and professional goals. You will learn how to research the federal job market and use the SF-171 and the interviewing process to meet your career objectives. There will be a presentation on various career opportunities at NWC and discussions on the importance of personal style and government business etiquette. You will be given a career workbook to keep as a reference. This course is particularly recommended for entry-level employees or those who are interested in changing career fields and have not been through the Upward Mobility Assessment Process. This workshop will help entry-level personnel get into a career progression and maximize their full potential at NWC.

Deadline: 27 March.

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

CAL-STATE NORTHRIDGE STUDENTS PLEASE NOTE!

Employees participating in the Cal-State Northridge external master's degree program at NWC should note the following information about the admission requirements at CSUN.

The admission procedure is twofold. The student is admitted to the MS program conditionally at first and, upon meeting the prerequisites prescribed by individual departments and passing the graduate record examination (GRE) and the English writing proficiency test, is eligible to be fully (unconditionally) classified. The Dean of Graduate Studies insists that no more than 12 units of academic work acceptable toward the MS degree may be taken before the

conditional status is removed. Failure to observe this requirement may lead to nonacceptance of credit beyond 12 units.

For more information contact Cecil Webb, ext. 2648, or Steve Lee, ext. 2468. (Code 094)

California State University Spring Classes

The following classes are being offered this spring for the Cal-State Chico Computer Science Program (bachelor's and master's degrees) and the Cal-State Bakersfield Business (bachelor's degree) and Public Administration (master's degree) Programs.

To enroll in these classes (other than Cerro Coso), submit a Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Although training requests will be accepted after the deadline, that date will be used to determine whether the class will "go."

BUSINESS AND PUBLIC ADMINISTRATION

BA 370: LEGAL ENVIRONMENT OF BUSINESS (5 quarter units)

8 April-10 June, Tuesdays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Graves, CSB.

Scope: Introduction to the legal process—recognizing law as an instrument of social and political control in society. Topics include legal philosophy, judicial and administrative processes, constitutional protection for individuals, and government regulation of business.

Note: This is a required course for the BS in Business Administration.

PPA 691: SEMINAR IN PUBLIC POLICY ANALYSIS (6 quarter units)

7 April-9 June, Mondays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Ruoss, CSB.

Scope: An integrating capstone seminar that focuses on initiation, formulation, and implementation of public policies. An exploration of policy models and policy analysis purposes and methodology. An analysis of contemporary policy areas: energy, the environment, criminal justice, welfare, education, foreign policy, and defense. An overview of political, legal, economic, and social institutions and their impact on public policy.

Note: This is a required core course for the MPA program. The class is limited to classified graduate students.

BA 477.067: TECHNICAL AND REPORT WRITING (5 quarter units)

7 April-9 June, Mondays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Iyasere, CSB.

Scope: Extensive practice in writing clearly and persuasively in technical and specialized forms such as reports of experiments, abstracts, business reports and proposals, letters, and memorandums.

Note: A passing grade of "CR" or "C" or better in this course satisfies the writing competency requirement for CSB undergraduate and graduate students.

SOC 405: TECHNOLOGY AND SOCIETY (5 quarter units)

8 April-10 June, Tuesdays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Julian, CSB.

Scope: This course examines the reciprocal relationship between technology and society, emphasizing the manner in which technological changes alter basic social institutions, including the family, religion, and the military, and even science itself. Special attention is given to the positive and negative impacts of technology on the individual and the dilemmas posed by the creation of a technology-dependent economy.

Note: This course satisfies the General Education Goal XIII.

GENERAL COMMENTS

1. Textbooks are available at bookstores locally.
2. Job-related courses other than those listed above must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training. For more information contact Cecil Webb, ext. 2648.



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 Knowledges/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. 08-017, Accounting Technician, GS-525-4/5/6, Code 0861 — This position is located in the Billing Section of the General Accounting Branch. Incumbent will maintain a Fund Control Ledger using information contained on fund documents and automated reports to reflect amounts authorized by fund documents, cost incurred and billed against those authorizations and the available balance remaining on the fund source. Incumbent will be assigned a group of sponsors and customer orders as his/her share of the total workload which is occasionally redistributed to assure proper balance. Incumbent will be required to accomplish sponsor billings, perform necessary research to isolate and correct errors, prepare reports, reconcile, resolve problems, and perform other related assignments with the Branch. **Knowledge:** of Navy Industrial Fund Accounting principles. **Abilities:** to work accurately with figures; to work effectively with people. Promotion potential to GS-6.

No. 09-074, Clerk-Typist, GS-322-4, Employee Development Clerk (Typing), GS-203-4/5, Code 094 — The incumbent will provide assistance to Employee Development Specialists in carrying out duties connected with the NWC Long Term Training program and the executive development program. This will involve maintaining up-to-date information regarding these programs; providing information to employees and supervisors; maintaining training and fiscal records; preparing budget estimates and reports. **Elements:** Ability: to type; to organize and carry out a variety of duties with considerable flexibility; to use a word processor. Promotion potential to GS-203-5.

No. 14-006, Clerk-Typist, GS-322-2/3/4, Code 14 — This position will provide clerical support to the divisions of the Information Systems Group as well as to the Department Office based upon workload demands. The individual will fill in for other persons who are on leave, or will help out when other offices within Code 14 are experiencing heavy workloads. Persons interested in working less than full time or on intermittent basis are encouraged to apply as are those interested in full time work, the hours of work for this position are entirely flexible. **Knowledge:** of basic office procedures. Promotion potential: GS-4.

No. 24-010, Clerk-Typist, GS-322-4/ Security Clerk, GS-303-5, Code 2432 — This position is located in the Personnel Security Section of the Information Security Branch. Incumbent performs clerical/security clerk duties which include processing employee security clearances, fingerprinting, typing clearance letters and messages, originating foreign travel messages, maintaining logs, filing and mailing. Position provides support in personnel security actions. **Elements:** knowledge of regulations and directives relating to personnel clearances, message processing; knowledge of regulations and directives relative to foreign travel requirements; ability to effectively interface and communicate orally and in writing. Promotion potential to the GS-5 level.

No. 25-007, Lead Purchasing Agent, GS-1105-6/7, Code 2522 — Responsible for providing training and guidance to Purchasing Agents in the section, and insuring that proper policies and procedures are utilized. Incumbent assists management in planning assignments, improving work flow and service rendered, promoting job satisfaction and increasing productivity. Incumbent functions as a contracting officer and ordering officer, is expected to be forward-thinking and service-oriented in exercising all responsibilities. **Elements:**

Knowledge of: DOD and NWC small purchase policies and procedures; negotiation techniques; methods and requirement for price analysis. **Ability:** to deal effectively with personnel at all levels of work without close supervision; lead a work group. Skill in utilizing a computer terminal and management information system is desirable. Promotion potential to GS-7.

No. 26-014, Fuel Distribution System Worker, WG-5413-6, Code 26422 — Supplemental required. Performs and is responsible for all operations of the liquid fuel storage facilities and the propane gas distribution systems. **Job Elements:** Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly, installation, repair, etc.; operation of pumps, compressors and accessory equipment; technical practices, use of measuring instruments; ability to interpret instructions, specifications, etc.; dexterity and safety.

No. 26-015, Planner and Estimator (Insulator), WD-3610-8, Code 2613 — Supplemental required. Incumbent is responsible for the preliminary investigation of buildings for identification of asbestos and other insulation material. Prepares detailed documentation of types and amounts of lagging in buildings. Estimates material and labor costs. Conducts work site investigations of assigned projects. **Job Relevant Criteria:** Ability to facilitate production; knowledge of technical practices; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; of pertinent tools and equipment.

No. 26-016, Production Facilities Clerk, GS-303-4/5, Code 26402 — Responsible for reception, maintenance and control of all trouble call chits. **Elements:** General knowledge of the crafts, skills, materials, tools, and equipment maintenance procedures. Ability to deal effectively with others; and to operate data processing equipment sufficient to perform data entry and retrieval. Promotion potential to GS-5.

No. 31-115, Program Analyst, DA-345-2/3, Code 3106 — Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class task for cost, schedule and task analysis of all participating field activities supporting A-6, and prepares recommendations and status summaries. **Elements:** Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and NAVY Field Laboratories; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to communicate and report budgetary and technical data accurately and effectively. Promotion potential to DA-3.

No. 31-125, Computer Specialist, DS-334-1, Code 3158 — Position is that of a Computer Specialist assisting engineers and scientists in the development and analysis of Ship Targeting Systems. Duties include: (1) processing of raw radar data to produce ship signatures, (2) analysis of ship signatures using image processing equipment, (3) providing assistance with automatic ship classification experiments, (4) managing data base of ship target data, (5) assist in technical monitoring of contract computer operation and system management, and (6) assist supervision of Co-op students and summer hires. **Critical Elements:** Knowledge of VMS, DATARIEVE, COMTAL damage processing; knowledge of computer peripherals; ability to use FORTRAN; knowledge of automatic ship classification procedures; ability to interface with all levels of personnel and work as part of a team. Promotion potential to DS-3.

No. 35-021, Electronics Technician, DT-856-1/2/3, Code 3545 (Multiple Vacancies) — Incumbent will be responsible for the fabrication and testing of microwave and/or analog, and digital circuit assemblies as used in high power radar systems. **Knowledge:** Electronic instruments (oscilloscopes, transistor tester, pulse generator, etc.); of analog, digital and/or microwave circuit assembly and fabrication techniques; of radar transmitter circuits (high voltage, RF power, safety). **Abilities:** to read, understand, prepare and work from schematics, wire lists and/or engineer design data; to communicate well both in writing and orally. **Selective Factor:** Must have obtained a WS-6536D Category G Soldering Certificate. Promotion Potential: DT-3. Previous applicants need not reapply.

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No. 35-020, Electronics Technician, DT-856-1/2/3, (Multiple Vacancies), Code 3545 — Incumbent will be responsible for the fabrication and testing of microwave and/or analog, and digital circuit assemblies as used in high power radar systems. Knowledge: of microwave test equipment (network and spectrum analyzers, power meters); of analog, digital and/or microwave circuit assembly and fabrication techniques; of microwave circuit theory and test procedures. Ability: to read, understand, prepare and work from schematics, wire lists, and/or engineer design data; to communicate well in writing and orally. Selective factor: WS-6536D Category G Soldering Certificate. Promotion potential: DT-3. Previous applicants need not reapply.

No. 35-027, Computer Clerk/Assistant, GS-355-4/5/6, Code 3514 — Incumbent will participate as a member of the Test Data Assessment team. Duties will include coordinating with and obtaining test data from various data acquisition personnel, assisting engineers in preparing data for reports and presentations, running flight simulation, graphics, and data base computer programs, and assisting in developing software for various analysis tasks. Knowledge: of personal computer systems and data bases. Knowledge of or ability to learn FORTRAN. Abilities: to manipulate raw data for computer input; to work with numbers; to obtain a government drivers license. Promotion potential: GS-6.

No. 61-006, Electronics Technician, DT-856-A/1, Code 61312 — This position is located in the Tracking and Control Branch, Engineering Support Division, Aircraft Department. The incumbent is responsible for the operational readiness of drone systems installed in aerial targets. Incumbent provides technical support to division personnel. Duties will also include design, fabrication, installation, maintenance, and operation of these systems. Must be willing to travel to other

DOD organizations and contractor facilities in the normal performance of duties. Knowledge: of the hardware, software, and telemetry systems relevant to drone aerial targets; of digital logic. Abilities: to operate digital test equipment and related systems; to communicate both orally and in writing. Skill: in soldering. Previous applicants need not reapply.

No. 64-011, Multidisciplinary (Engineering/Electronics Technician), DT-802/856-1/2/3, Code 6414 — This position is located in the Aerosystems Department, Recovery Systems Division, Test Support Branch. This position is not located at the Airfield. The incumbent is responsible for conducting parachute related test, analyzing test data and making design recommendations based on that data. The incumbent works with the project manager in planning, scheduling, and coordinating tests or laboratory experiments. Knowledge: of Range testing. Abilities: to plan and coordinate tests; and to communicate both orally and in writing. Skill: in analyzing test data. Promotion potential to DT-3, but promotion is not guaranteed. Previous applicants need not reapply.

No. 64-018, Electronics Technician, DT-856-A/1, Code 64242 — This position is located in the Engineering Support Section, Telemetry Systems Branch, Telemetry Division of the Aerosystems Department. Incumbent will be responsible for fabrication and testing of airborne telemetry systems. Support will involve fabrication to WS6536 and documentation of packages, as well as developing test methods required to validate the package. Test support will involve environmental testing, system calibration and integration tests; and flight test support. Strong system testing background with some fabrication work is desired. Knowledge: of airborne telemetry systems. Abilities: to fabricate and test airborne telemetry systems; to document test packages. Skill: in oral and written communications.

No. 31-124, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Computer Scientist/Physicist/Mathematician, DP-855/861/830/801/1550/1310/1520-2/3, Code 3146 — This position is in the A-6/AH-1 Weapons Integration Branch, System Integration & Evaluation Division, Aircraft Weapons Integration Department. The incumbent will perform software Engineering for the A-6F Stores Management System (SMS). Duties will include analysis of SMS hardware/software design, assessment of design implementation to assure optimum SMS performance, and support of A-6F testing at NWC, contractor facilities, and other government activities. Frequent contact will be required with sponsors, aircrew personnel, contractors, and other government agencies for the exchange of technical information and for coordinated participation in A-6F development and testing activities. To apply, send updated SF-171 to D. L. Watt, Code 3146, NWC ext. 5201.

No. 35-028R, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer, Mathematician, or Physicist), DP-801/830/855/861/1520/1310-2/3 (Two positions) — Incumbent will participate in the flight test analysis effort for HARM and Low Cost Seeker. Duties will include acquisition, reduction, and analysis of flight test data. Applicants should have an interest in analysis and flight simulation. Experience with control theory is desired. To apply, forward an updated SF-171 to John Irving (Code 3514).

No. 36-135R, Interdisciplinary General/Electronics Engineer, DP-801/855-2/3, Code 36224 — This position is for a design and test engineer in the Power and System Design Section. The incumbent will be responsible for supporting new designs, optimizing existing designs, and providing production support engineering. The position requires circuit design and analysis abilities, hardware and testing experience, and understanding of production techniques. Submit current SF-171 to Cheryl Pruel, Code 36209, NWC ext. 1051.

No. 39-008, Interdisciplinary Electronics/General/Mechanical/Aerospace

Engineer/Physicist, DP-855/801/830/861/1301-2/3, Code 3955 — This position is located in the RF Guidance Development Branch of the RF Division, Weapons Department. The incumbent will provide systems engineering support for the AMRAAM Program. Technical coordination and consultation will be provided for NWC AMRAAM support tasks including: Missile guidance and control, ordnance, propulsion, instrumentation, flight tests, and aircraft integration. Ability to direct or perform missile systems/subsystem analysis and develop solutions to identified design/performance concerns, and the knowledge of RF missiles, analog/digital signal process and software/hardware experience are highly desirable. Frequent travel to contractor and government facilities is required. To apply for this position, send copy of current SF-171 to Bill Bailey, Code 3955, NWC ext. 3956.

No. 625-007, Physicist, DP-1310-1/2/3, Code 6255 — This position is located in the Laser Systems Branch, Data Systems Division, Range Department. The section is responsible for the development of the ALRITE laser tracking system as well as future advanced systems. Responsibilities include designing modifications for the ALRITE system. Incumbent also serves as a member of a team tasked with the design of an advanced laser tracking system. Serves as general consultant in the areas of lasers, optics and electro-optics for range instrumentation applications. Please send SF-171s to R. Harriman, Code 6255, NWC ext. 6337.

No. 64-010, General Engineer, DP-801-1/2/3, Code 6414 — This position is located in the Aerosystems Department, Recovery Systems Division, Test Support Branch. This position is not located at the airfield. The incumbent is responsible for conducting parachute-related tests, analyzing test data and making design recommendations based on that data. The incumbent works with the project manager in planning, scheduling, and coordinating tests on laboratory experiments. Applications should be forwarded to Don Cooper, Code 641, NWC ext. 2163. Previous applicants need not reapply.

Recent Separations

Code	Name	Title
08621	Tubbs, Helen	Accounting Tech.
093	Diorio, Nancy M.	Interpreter (Amer. Sig.)
1412	Flanagan, Czerna A.	Mathematician
31102	Leboeuf, Phalba A.	Admin. Officer
3247	Eicher, Gregory G.	Mechanical Engr.
36088	Peterson, Roald A.	Laborer
3681	Beswick, Richard F.	Model Maker
38506	Kaufman, Martin H.	Research Chemist
62232	Rasmussen, Robert D.	Electrical Engrg. Tech.

Non-appropriated Funds Arrivals

2213	Yates, Adam
2211	Whelan, Christopher
2222	Decker, Lisa
2212	Kizer, Heidi
2227	Davis, Maria

Non-appropriated Funds Departures

2226	Spies, Jean
2222	Stuart, Kathleen
2225	Hostetter, Sheryl
2222	Pannuto, Renee
2222	Deyoe, Michele
2212	Underwood, Paula
2213	Adams, Herbert
2222	Durazo, Trudie



Personnel Development Opportunity

HIGH-PRESSURE AIR-COMPRESSOR SYSTEMS

15 and 16 April, Tuesday and Wednesday, 0800-1600; 17 April, Thursday, 0800-1130, Training Center. By: American Compressor Company.

Scope: This course covers the maintenance of high-pressure air compressors. Topics include high-pressure piping and interchangeability of parts; high-pressure gauges and air filtering systems; high-pressure valves and cleaning of systems; calibration of system components, types of desiccant cartridges, and overall safety of systems; special seals and lubricants; maintenance instructions on Norwalk and Worthington compressors. The course consists of 1 day of classroom instruction, 1 day of hands-on instruction, and a half day of questions and answers.

Deadline: 31 March.

THE MODERN "LEADER-MANAGER"

16-18 April, Wednesday-Friday, 0800-1600, Training Center.

Intended audience: Supervisors and managers.

Scope: Teaches you how to use individual and organizational power to better manage change and to solve problems. The class explores and defines the increasing need for a new leader-manager who must operate in a participative organizational environment. The course teaches you how to change yourself and bring about changes in your organization that will increase productivity and enhance the quality of life at work.

Deadline: 8 April.

DOES AGE HAMPER CAREERS?

16 April, Wednesday, 0800-1600, Training Center. By: Muriel Shapiro.

Scope: Addresses the special challenges and opportunities faced by employees and management in relation to older workers. Topics include the needs and concerns of the older employee, ageism, an overview of the aging process and how it affects functions, psychological problems that stem from concerns about aging and assumptions on the part of co-workers and supervisors, and general trends in the aging workforce. The workshop will include a small work group.

Note: EEO credit is given for this class.

Deadline: 2 April.

NAVY FORMAT FOR TECHNICAL WRITERS

27 March, Thursday, 0800-1130, Training Center. By: Odessa Newman.

Scope: Provides a brief on Chapter 1 (Navy Writing Standard) to the Department of the Navy Correspondence Manual. You will receive assistance in making the transition from "Governmentese" to

plain English. You will be shown the formats for naval letters and memorandums with an explanation of their use. Please bring a Correspondence Manual to class.

Deadline: 19 March.

PERSONNEL POLICIES AND PROCEDURES (P₃) FOR SUPERVISORS

1-4 April, Tuesday-Friday; Training Center. By: Code 09 Staff.

AGENDA

1 April	0800-0815	Introduction	A. Kurotori
	0815-0915	Position management	
	0915-1930	Break	
	0930-1030	Classification	H. Baker
	1030-1130	Pay systems	H. Baker
	1130-1230	Lunch	
	1230-1400	How to fill vacancies	H. Richardson
2 April	0800-0945	EEO as part of personnel management	
		Overview	B. Perrine
		Complaint process	C. Hemmings
	0945-1000	Break	
	1000-1130	Affirmative Action Programs	
		Summer Hiral	C. Rogers
		Black Interest Group	
		Stay in School	
		Hispanic Employment	L. Lambert
		START	
		Work Experience	
		Mentor	
		FEW, U.M., Handicap	J. Dove
	1130-1230	Lunch	
	1230-1400	Performance evaluation systems (demo and nondemo)	
	1400-1415	Break	
	1415-1600	Supervisor's role in developing employees	C. Erickson
3 April	0800-0900	Labor relations	B. MacIntosh
		Grievances	
	0900-0915	Break	
	0915-1130	Privacy Act	
		Rewarding employees	
	1130-1230	Lunch	
	1230-1600	What to look for in selecting employees	M. Moore
		Interviewing	
4 April	0745-0900	How to deal with employee behavior problems	E. Rockdale
	0900-0915	Break	
	0915-1015	Employee Assistance Program	
	1015-1130	How to deal with employee performance problems	
	1130-1230	Lunch	
	1230-1330	Worker's compensation	V. Spille
	1330-1345	Break	
	1345-1600	Questions and answers	G. Morrow and Roger Peck
	1030-1130	Conclusion	

Deadline: 21 March.

TECHNICAL PRESENTATIONS

8 and 9 April; Tuesday, 0800-1600; Wednesday, 0800-1700; Training Center. By: M. Cartwright.

Scope: Addresses the three goals that most people have when they make technical presentations: (1) to communicate information effectively, (2) to demonstrate technical competence, and (3) to not appear nervous. You will learn techniques that will give you confidence in all three areas. Topics include goals for different types of presentations and audiences, organization of material, nonlinear outlining, level of detail, visual aids, making good viewgraphs, preparations for being seen and heard, handling nervousness, delivery, and handling questions. For the final activity you will give a short presentation that will be videotaped, played back, and discussed.

EXECUTIVE SECRETARIAL SEMINAR

April 7-10, Monday through Thursday, 1230-1630, Training Center. By: Sue Wilson, Cerro Coso Community College.

Objectives: Workshop focuses on the secretaries' understanding and awareness of self and co-workers, building self-confidence and sharpening personal skills. Opportunities for discussion and sharing with other secretaries will be provided.

Deadline: March 24, 1986

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. 31-004, Interdisciplinary, General Engineer, Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace Engineer, Mechanical Engineer, DP-801/855/1550/1310/1520/861/830-3, Code 31904 — This position is located in the Foreign Military Sales Support Activity (FMSSA), Aircraft Weapons Integration Department. The FMSSA is responsible for the technical management of weapons system software life-cycle support for Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will manage comprehensive support programs for FMS customers. Incumbent will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will coordinate all FMS efforts for the F/A-18 WSSA. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and the FMS customers. In all such liaison, the incumbent will represent the F/A-18 WSSA. To apply, send an updated SF-171 to Jim Hall, (Code 319) NWC ext. 5640.

No. 31-123, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Physicist, DP-855/861/830/801/1310-2/3, Code 3144 — This position is in the F/A-18/AV-8B Weapons Integration

Branch, System Integration Branch, System Integration & Evaluation Division, Aircraft Integration Department. The incumbent will perform weapons integration for the F/A-18 Program. Duties will include analysis of proposed F/A-18 avionics system design; assessment of design implementation to assure optimum weapon control system performance with respect to weapon requirements; development of aircraft weapon integration and weapon control system requirements; formulation of laboratory, ground, and flight test requirements pertinent to F/A-18 testing at NWC, contractor facilities, and other government activities. Performance of these duties will require the incumbent to acquire a thorough working knowledge of the operation of the avionics system and a wide range of weapon systems in a timely manner. Frequent contact will be required with sponsors, aircrew personnel, contractors, other NWC organizations, and other government agencies for the exchange of technical information and for coordinated participation in F/A-18 development and testing activities. Experience with one or more modern weapon systems (e.g. HARM, Harpoon, Maverick, AMRAAM, etc.) is desired. Applicant must have the ability to communicate, both orally and in writing, to work effectively with others and to work independently on multiple diverse assignments. To apply, send updated SF-171 to R. J. Anderson, Cde 3144, NWC ext. 5980.

Secretarial opportunities

This column is used to announce secretarial 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 secretarial duties are implied by the job relevant criteria indicated below.

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (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. 00-004, Secretary (Typing), GS-318-6, Code 01A2 — Provides secretarial and administrative support to the NSAP/NSTEP Office. Promotion potential to GS-6.

No. 31-110, Secretary (Typing), GS-318-4/5, Code 3142 — Provides secretarial support to the Avionics Integration Branch. Promotion potential to GS-5. Previous applicants do not have to reapply.

No. 31-126, Secretary (Typing), GS-318-4/5, Code 3114 — Provides secretarial support to the F/A-18 Facility Branch. Promotion potential is to the GS-5 grade level.

No. 31-127, Secretary (Typing), GS-318-4/5, Code 3105 — Provides secretarial support to the A-7E/AH-1 WSSA. Promotion potential to the GS-5 grade level.

No. 32-200, Secretary (Typing), GS-318-4/5, Code 3263 — Provides secretarial sup-

port to Weapons Systems Branch "A". Knowledge and working skill on a Xerox 640 desirable. Promotion potential to GS-5.

No. 33-012, Secretary (Typing), GS-318-3/4, Code 3312 — Provides clerical support to Head of Radar Technology Branch and Branch personnel. Promotion potential to GS-5, but not guaranteed.

No. 38-001, Secretary (Typing), GS-318-3/4, Code 3894 — Provides secretarial support to the Warhead Dynamics Branch. Promotion potential to GS-5.

No. 39-004, Secretary (Typing), GS-318-4/5, Code 3917 — Provides secretarial support to the Weapons Effectiveness Branch.

No. 61-010, Secretary (Typing), GS-318-4/5, Code 6103 — The incumbent provides secretarial support to the Special Projects Office.