

Community Events

Gems and minerals will be the featured performers of the 32nd annual Gem and Mineral Show on Nov. 5 & 6 at the corner of South Hussey and Ellis at the Naval Weapons Center. Sponsored by the Indian Wells Gem & Mineral Society, admission to the show is free. It will feature demonstrations, refreshments, exhibits, geodes and door prizes. On Sat., Nov. 5, the show will be open from 8:30 a.m. to 6 p.m. and on Sun., Nov. 6, the show will continue from 8:30 a.m. to 5 p.m.

Members of the China Lake Astronomical Society (CLAS) will hold their regular meeting on Monday, 7:30 p.m. in the Ridgecrest Branch Library. Fred Ley, former president of the Antelope Valley Astronomy Club will be the guest speaker, discussing amateur astronomy in Greece. The CLAS monthly Star Party is set for the old Highway 395 site on next Friday, Veteran's Day, at 7 p.m.

"From Sheep to Shawl" is the theme for tomorrow's Saturday Adventure at the Maturango Museum from 3 to 4 p.m. A museum docent will shear a sheep outside the museum, while another volunteer will card and spin fleece. The children will get hands-on-experience using the drop spindles. Call the Maturango Museum at 375-6900 for more information.

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'The Burners'

Harvest Dance set by JPs

Junior Professionals from the Naval Weapons Center are hosting a Harvest Moon Dance at the Commissioned Officer's Mess on Friday, Nov. 4.

Featuring live "hot" music from The Burners, organizers say partygoers can start dancing at 8:30 p.m. and dance until "you can't dance no more."

Tickets are \$4 in advance and \$4.50 at the door. Price of admission includes unlimited refreshments.

For tickets or more information call Mark Lambert at NWC ext. 1130, Mike Coe at NWC ext. 1492 or Wayne Williams at NWC ext. 2392.

BOSS membership drive

Members of the Black Original Social Society (BOSS) are hosting a mixer and membership meeting on Saturday, Nov. 5 in the Heritage Village Club House.

The event is free to anyone inter-

ested in BOSS and begins at 6:30 p.m.

Free food and beverage will be available and entertainment is being provided by the Boss Band and Company.

This meeting is an opportunity to meet the officers and members of BOSS and find out more about the organization.

For additional information call Willie Edwards at NWC ext. 2736.

Concert highlights Mantovani

Experience "The Many Moods of Mantovani" in a gala concert featuring two soloists plus 36 virtuoso performers of the legendary Mantovani Orchestra on Thursday, Nov. 10 at 7:30 p.m. in the NWC Theater.

Born to the music he made, Mantovani left a legacy of greatness to the orchestra that bears his name. The priceless original scores that fostered his unbelievably successful career, an incredible 35 million records sold, are elegantly and superbly presented in concert—under the direction of David Lassiter.

A limited number of tickets are on sale at The Music Man, the Maturango Museum and The Art Buffet. Tickets are \$8 for the general public and \$6 for persons over 65, under 21, and active duty enlisted military.

CLP's 'Gig is up'

Beginning tonight, the Tehachapi Men's Correctional Institution will be moving to the Elks' Lodge in Ridgecrest (201 E. Church St.), via the China Lake Players' production, "The Gig Is Up."

Theatre goers will be "locked-up" for the evening and will enjoy the talents of Don Kummerman, local playwright, composer and musician. The performance will be directed by Liz Babcock.

All participants will have special treatment during the incarceration. Instead of the usually nutritious food served at the prison, heavy hors d'oeuvres will be served at 6:30 p.m. Guests are expected to blend in with

the rest of the "inmates" and are asked to dress accordingly. "Besides eating some of the best 'prison food' ever eaten, inmates displaying appropriate behavior will be able to listen to some good ole hard-core country music," said Babcock.

Kummerman is known for his work in the highly successful CLOTA production "Rasputin." He has written other plays and several musical numbers throughout his career. "The Gig Is Up" is based, according to Kummerman, on experiences that his band ("The Good Times Music Band") had when performing for the prisoners in the Tehachapi Men's Correctional Institution.



	Max	Min	Gusts
Thurs.	90	50	12 knots
Fri.	83	48	9 knots
Sat.	88	54	9 knots
Sun.	88	50	14 knots
Mon.	92	49	9 knots
Tues.	86	56	22 knots
Wed.	83	47	no data

All measurements are made at Armitage Airfield.

Early deadline set

Early deadlines will apply to the next issue of the Rocketeer. Because of the Veteran's Day holiday on Friday, Nov. 11, all articles and photos for the November 18 issue must be in the Rocketeer office by the close of business on Monday, Nov. 14. For additional information, call NWC ext. 3354.

Movies

FRIDAY NOV. 4
"LITTLE NIKITA"
Starring Sidney Poitier and River Phoenix
A teen-ager's world is turned upside down when a routine investigation reveals startling information about his parents.
(Drama, rated PG, 97 min.)
SAT. SUN. NOV. 5, 6
"BRIGHT LIGHTS BIG CITY"
Starring Michael J. Fox and Phoebe Cates
An aspiring young writer is trapped by day in a dead-end job as a fact-checker for a magazine and caught up by night in downtown Manhattan's drug-infused, partying fast lane.
(Drama, rated R, 105 min.)
WED. NOV. 9
"BEVERLY HILLS COP II"
Starring Eddie Murphy and Judge Reinhold
Axel Foley is back and he's out to avenge the attempted murder of his former "boss" at L.A.P.D. This time it's a bizarre series of "alphabet" crimes, of which his old buddy has been one of the victims, that brings him back to tinseltown.
(Action/Comedy, rated R, 105 min.)
FRIDAY NOV. 11
"RAMBO III"
Starring Sylvester Stallone and Richard Crenna
Col. Trautman is ambushed and imprisoned in a Soviet camp in Afghanistan. Rambo comes to the rescue.
(Action, rated R, 102 min.)

Prices vary
Starting Times: Matinee: 2:00 pm Evening: 7:00 pm
Box Office Opens: Matinee: 1:30 pm Evening: 6:30 pm
R: RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian
PG: PARENTS STRONGLY CAUTIONED
PG-13: PARENTS STRONGLY CAUTIONED
R: RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIII, No. 42/November 4, 1988

Improved data display system developed

Flight-test data can now be displayed in an animated, full-color, missile-point-of-view graphic display due to a new digital processing method developed by the Naval Weapons Center's Attack Weapons Department.

The method produces an overall animation of how several parameters interactively change over the course of the flight. This animation will be used to provide a quick overview of the entire flight allowing analysts to isolate areas of particular interest or segments in which unexpected conditions occurred. The selected portion of the flight can then be slowly replayed to show the relationship between the various parameters.

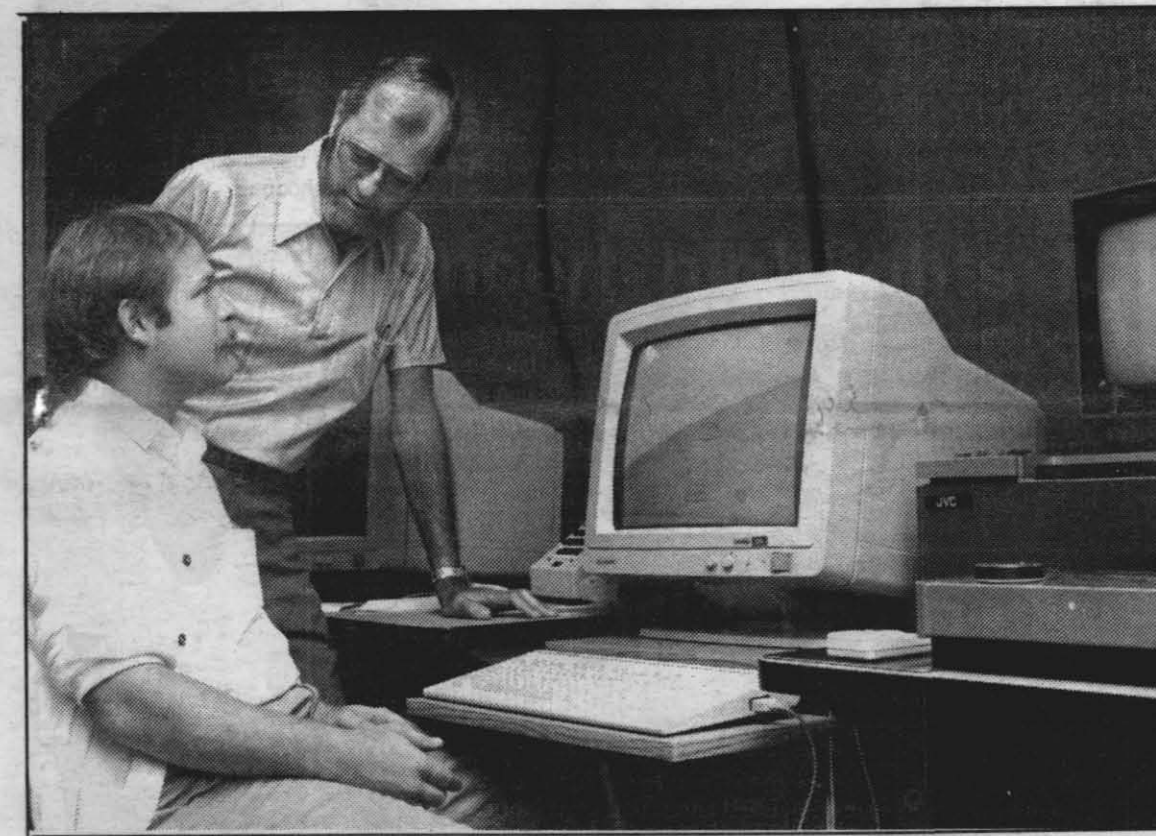
The new process can also be used with six degree of freedom simulations, once converted to the graphic display format, can be compared to the display generated from the actual flight. This permits the analysts to "fine-tune" the simulation.

The technique is now being used by the HARM (High-speed Anti Radiation Missile) program to analyze its current and post flight tests. To produce the display, analysts use the visual-computing capabilities of the Silicon Graphics Computer. The process transforms large bodies of multiple-parameter flight-test data into an animated, full-color, missile-point-of-view graphic display.

Test engineers and systems analysts can now view a flight from the missile's perspective—from pre-launch seeker activation to target impact—while relevant data are displayed as on a head-up display against the changing terrain.

Missile flight tests generate millions of bits of data that must be correlated to give an accurate picture of the missile's performance.

Data includes not only the telemetered missile-performance data (eg. velocity, attitude, and missile-guidance commands), but also the impact—while relevant data are displayed as on a head-up display against the changing terrain.



VISUAL DISPLAY GIVES MISSILE POINT OF VIEW—Tom Reese, seated, and Lou Giegerich discuss the newly-developed graphic display for flight test data. The digital processing method produces an overall animation of the missile's flight.

Three earn honors with Rochelle Salt

George A. Graf, John D. Crecelius and Robert W. Francis were the surprised recipients of the Naval Weapons Center's Technical Director's Award recently. They were saluted for their outstanding work on the Rochelle Salt Program according to Gerry Schiefer, NWC technical director.

"They're the best in the world at what they do," commented Dillard Bullard, head, Intercept Weapons Department, during the ceremony.

After recovering from their initial surprise, the award recipients said they had never even hoped for this kind of recognition during their lengthy careers at the Naval Weapons Center.

In his letter of nomination, Bullard said the excellent work of the trio involved exploitation of the Rochelle Salt Program in determining its effectiveness against various aircraft, countermeasures and tactics.

Bullard also noted, "George Graf

and his team are nationally recognized for their work in the area of electric optic system field test performance evaluation. All branches of the military rely on this group for their expertise and long-term corporate memory in this field."

Part of the technical challenge the team faced required ingenuity and careful test planning in order to obtain meaningful data. "In order to collect interpretable information, they were required to extract data of an unusual format and inject it into an already existing data processing system. This required design and construction of new data conditioning and reformatting devices. The results of testing directly affect the safety and success of U.S. military personnel, as well as other friendly nations, throughout the world," added Bullard's letter.

Successful testing, noted the nomination letter, depended on flight operations that involved odd working

(Continued on Page 2)

Annual USMC birthday celebration set

When the Second Continental Congress, in session in Philadelphia, resolved that two battalions of American Marines "be enlisted and commissioned to serve for and during the present war between Great Britain and the colonies," little did they imagine that they were calling for the formation of an elite group of fighting men who would endure, and win many honors, all for a love of country, freedom and their fellow man.

This year marks the 213th Birthday of the U.S. Marine Corps! Theirs is a long and proud tradition of honor and glory, hard fought and won in the American Revolution, the Indian Wars, the Civil War and in places such as Belleau Wood, Guadalcanal, Pusan Perimeter, Chosin Reservoir and Vietnam, to name but a few of their battles.

In keeping with tradition, the China Lake Marines will celebrate the 213th Birthday of the Marine Corps on Nov. 10 with a



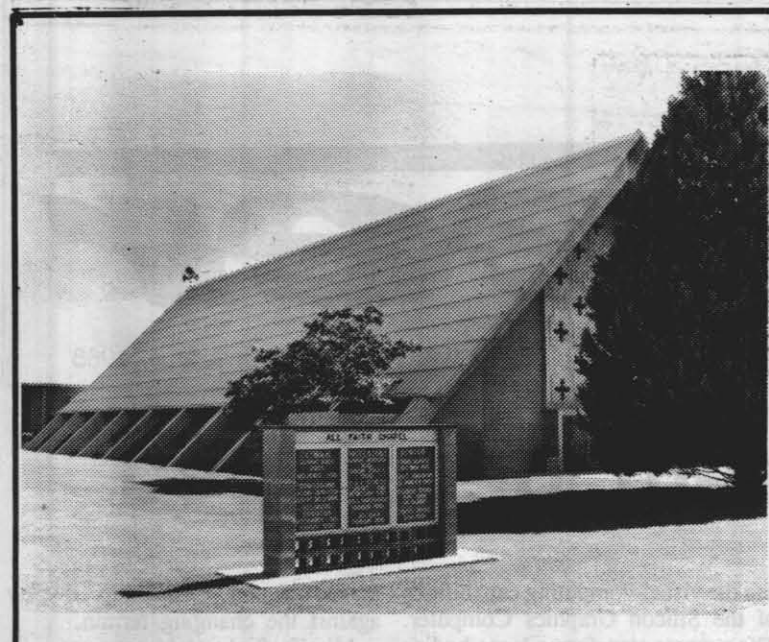
formal gathering at the NWC Enlisted Mess.

Guest of honor this year is Maj. Gen. H.W. Vincent, USMC(Ret.). General Vincent was commissioned a second lieutenant upon graduation from the U.S. Naval Academy in 1950. He flew more than 150 different types of aircraft during his 31 years in the Marine Corps.

He was the first Marine aviator to fly at twice the speed of sound, served as a Marine test pilot,

served in Korea with the First Marine Air Wing and was a conventional weapons project officer with Air Test and Evaluation Squadron Five at China Lake.

General Vincent also flew 242 combat missions in eight different types of aircraft in Vietnam with Marine Aircraft Group 13. Retired from active duty in 1981, General Vincent earned the Distinguished Flying Cross, several Legions of Merit and Air Medals, the Bronze Star and the Joint Services Commendation Medal.



Divine Services

Temporary Schedule for Protestants
 Sunday Worship Service (NWC Theater) 10:30 a.m.
 Sunday School (September thru June) 9:00 a.m.
 Bible Study (East Wing)
 Wednesday 11:30 a.m. (September thru June)
 Thursday 6:15 a.m. Men's Prayer Breakfast
 7:00 p.m. Officers' Christian Fellowship
 Christian Military Fellowship

Islamic
 Jumaa Prayer (Friday in Annex 4) 12:00 p.m.

Temporary Schedule for Roman Catholics
 Sunday Mass (NWC Theater) 9:00 a.m.
 Daily Mass (1008 Blandy)(Monday thru Friday) 11:35 a.m.
 Confession (Monday thru Friday) any time by appt.
 Confession (Sunday) (1008 Blandy) 8:15-8:45 a.m.
 Religious Education Classes (Sunday)(Chapel Annexes) 10:30 a.m. (September thru May)

Jewish
 Weekly Services (Friday - Chapel Annex 4) 7:30 p.m.
 Adult Hebrew Lessons (Saturday in Chapel Annex 4) 9:00-10:00 a.m.
 Sabbath School (Saturday - Chapel Annex 4) 1:00-4:00 p.m.

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 Chaplain Claude R. Beede, LT, CHC, USNR
 Chaplain Gregory E. Williams, LT, CHC, USNR
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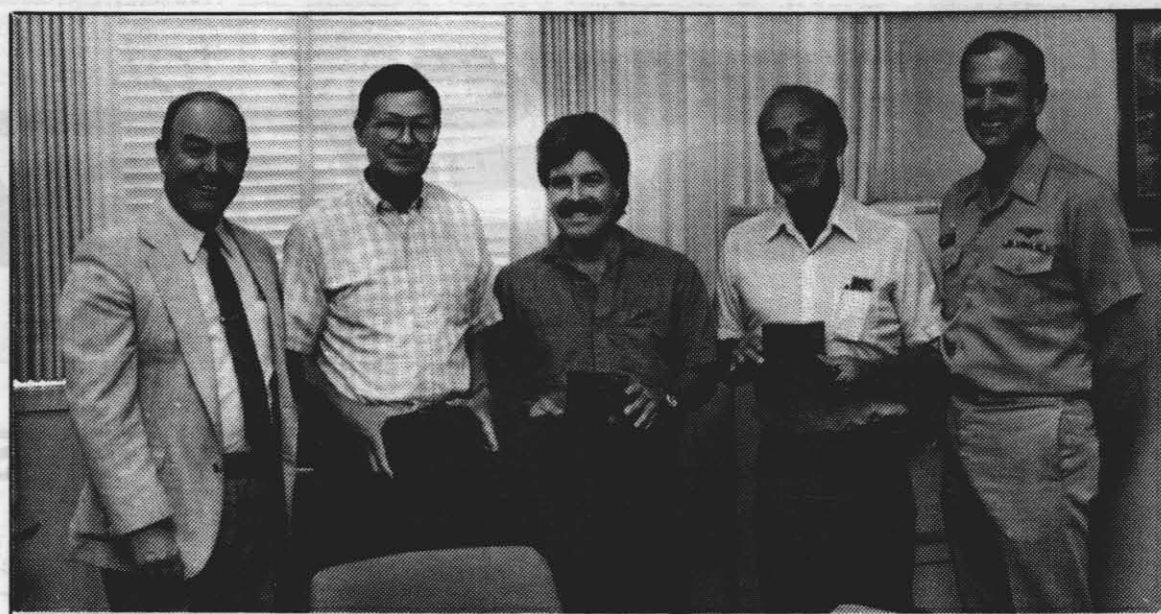
Published by Chalfant Press
 450 East Line Street
 Bishop, CA 93514 (619) 873-3535



This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or Chalfant Press.
 The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SEF::Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

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TD AWARDS—Gerry Schiefer, NWC Technical Director and Capt. John Burt, NWC Commander, flank George A. Graf, John D. Crecelius and Robert W. Francis, winners of the Technical Director's Award. The trio was recognized for their work on the Rochelle Salt project. Photo by PHAA Cary Brady

Three recognized for their work

(Continued from Page 1)
 hours because of range requirements at NWC. It took the effort of scheduling difficult combinations of Navy, Air Force, Marine Corps and Army aircraft to bring about the successful testing at the the Center. Timely completion of this phase was critical to the beginning of operational test and evaluation work on the system.
 Graf, an engineering technician, was concentrating on systems operation, behavior and troubleshooting during the project. Crecelius, a mechanical engineer, had technical expertise in flight planning and flight operations. Francis, an engineering technician, provided expertise in data systems operation, maintenance and troubleshooting.



RETURN FOR VISIT—Capt. Marty Phillips, head, Test and Evaluation Division, NAVAIR, and former commanding officer of Air Test and Evaluation Squadron Five (VX-5), reminisces about his days at VX-5 with four Vampire sailors on Oct. 26. From left to right are AD3 Marguerite Trogdon, Phillips, YN3 Sharon Thomas, YN3 Patsy Berg, and YN2 Kim Demaio.

Tuesday is 'E-Day'

Five days from today, millions of Americans will head for their official polling place or have already mailed in absentee ballots as the nation selects a new president and more than 600 members of the U.S. Congress. Those citizens who did not register will not be able to vote, but for the military members and Department of Defense civilian employees who cared enough and took the time to register, now comes the most important part of their citizenship responsibilities, actually casting their vote.

People who don't vote are effectively voting for the winner, whoever that turns out to be in any election. Those who don't care enough to vote should also not complain when their candidate doesn't win or when policies are adopted that they oppose.

In addition to the top jobs, thousands of other elected officials will be chosen on November 8. Don't miss your chance to have a say in the way your nation, state and city conducts business—vote on Tuesday, Nov. 8.



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MAZDA RX7 SE, 1988 extras, owe \$15,900, asking \$14,900. MUST SELL! 375-7845 or 375-4744.

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NISSAN 1984 Stanza, great shape, a/c, am/fm cassette, power windows & door locks, tilt, low book, \$3,825. Must Sell! Want what I owe, \$2,900. Call 375-3185, leave message.

PLYMOUTH 1980 Champ, automatic, less than 53,000 miles. Runs great! \$1,350. 446-6183.

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489 Trucks and Vans

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China Lake Trailer Park F-20. Call Jerry/Teri
446-6036.

1988 FLEETWOOD mobile home, fully up-
graded, 3 bedrooms, 2 bath, large living room and
kitchen. Full length awnings and large deck,
many extras, see to appreciate, \$41,000.
446-5292.

MUST SELL! 1980 Skyline mobile home, 12x56,
good condition, includes refrigerator and dis-
hwasher, \$10,500 or best offer. 375-7526 or
375-5480.

PHONE 375-8808 to place
your classified ad.

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For Sale**
ARE YOU TIRED OF renting? Are you looking for
a home of your own? Come to Tumbleweed
Mobile Home Sales and let us find a home to fit
your needs. We are at 107 Inyokern Rd., or call
446-2350.

HELP! I have a 1980 12x56 "Buddy"
mobile home and I need to sell it now! Make me an
offer! Call 375-7526 or 375-5480.

MOBILE HOME 24x60 to be relocated, excellent
condition, asking \$18,000. 3 bedroom, 2 full
baths, plus den. Living room, dining area, kitchen
and service porch separate the bedrooms, den
and bathrooms. Many extras including washer &
gas dryer, 10 x 40 awning, skirting materials. See
to appreciate, 446-6363.

HEALTH CARE PROFESSIONALS Live in Hawaii

Escape the big city crowds and traffic. Live and work on Kauai, Hawaii's tropical paradise! Discover the natural beauty of the island - swimming and sunning at the seashore, trekking many mountain hiking trails, taking in the breathtaking views of Waimea Canyon & experience the warmth and friendliness of the island's people.

Our 155-bed Joint Commission-accredited acute and long-term care facility provides quality medical services to Kauai's population of 45,000. We have begun a major building project which will increase our long-term care beds from 80 to 110 as well as expand and improve other areas.

- PHYSICAL THERAPISTS
- MEDICAL TECHNOLOGISTS (ASCP)
- ULTRASONOGRAPHER
- RADIOLOGY TECHNOLOGIST
- PTA's
- HISTO-CYTOLOGIST (ASCP)
- RESPIRATORY THERAPIST
- RN's/LPN's (staff & specialty areas)

We also welcome resumes on a continuing basis
We offer excellent benefits including temporary housing. Send resume and salary requirements to:

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Human Resources - Dept. MPA
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FREE CLASSIFIED TO MILITARY!

CFC campaign seeks total participation to meet goal



The Skipper Sez...



VX-5 CFC KEYWORKERS GATHER—Lt. Michael Luciano explains the CFC enrollment form to, l to r, AK3 Dwight Henry, AMS3 Ted Presbitero, and ADAN Charles Payne. YN3 Sharon Thomas is seated behind Payne.

Every fall, men and women in uniform, along with their civilian counterparts are approached by keyworkers in their offices and asked to donate to the Combined Federal Campaign. Some toss their individual campaign brochures aside. Others tuck them away to fill out later, only to have their good intentions go forgotten, lost in the everyday hustle-bustle.

Fortunately, for thousands of other people to whom the Combined Federal Campaign has made a difference, these cases are the exception. Last year, NWC military and civilian personnel dug deeply into their pockets and unselfishly gave \$200,000 to the Combined Federal Campaign. They recognized the important services offered by the Campaign to those in desperate situations—whether in distant corners of the globe, or next door.

"If more people realized that each and every contribution really does 'Make a Difference,' many more people would be helped," said Loretta King, co-chairman of the drive. "We'd like to encourage every China Laker to understand that each gift, no matter how small the donor might consider it, is needed to accomplish the goals of the many receiving organizations."

All are legitimate, reputable organizations dedicated to helping people who can't help themselves. Depending on how you specify that your donations be directed, they can help starving children or a family driven from its home by fire.

Military members may not realize how close to home Combined Federal Campaign dollars can be put to work. Six percent of all CFC donations

directly benefit U.S. military personnel and their families. They help support morale, welfare and youth recreation programs at U.S. military installations around the world. They also help U.S. military people experiencing personal, financial, or medical difficulties.

Participation is the key to any measured success of the campaign, according to King. "This once-a-year campaign gives each of us an opportunity to learn more about agencies that help others and to channel our

contributions, no matter how small, to the helping agency of our choice."

Questions regarding the Campaign should be directed to department representatives; Dick Boyd, Campaign chairman; or to Loretta King, NWC ext. 3511.

QUESTION

Skipper, I would like you to address in the *Rocketeer*, if you would please, the issue of military Navy Exchange and Commissary privileges and that civilian people should not put their friends, who are in the military, on the spot by asking them to purchase items in either one of those stores. Many times, since we have been stationed here, civilian friends have asked us to do this for them. We have explained to them that not only is it unethical, it is also against Navy regulations and that we could lose our Exchange and/or Commissary privileges by doing that. I am sure there are a lot of civilians that don't understand this, and maybe it would at least clarify this for some people, or at least get the word out. Many times we have been asked by a civilian friend to buy a certain item at the Exchange, and we would respond that we didn't know if they carried it. They would say, "Yes, they do, because I was in there and I saw it. It was listed at such and such a price." You can't argue with them when they say that, only to tell them you can't do it because the Navy regulations prevent you from doing things like that. My main concern is, mainly because there is no control at the Exchange, people can wander through the Exchange from the Mini-Mart. They then see what they want and then ask their military buddies to get it for them. It doesn't seem fair to the military who has Exchange privileges to allow this to happen. Please address this in the *Rocketeer* if you would, please.

ANSWER

In response to your question regarding military personnel purchasing items from the Navy Exchange or Commissary for use by their civilian friends or associates, it can only be stated that such activities are not only improper, but illegal as well. Apprehension for involvement in transferring Exchange or Commissary goods to unauthorized recipients can result in legal and/or administrative actions for both service members and family members to include the loss of Exchange and Commissary privileges for indefinite periods of time. My advice to all military and their dependents is that the basic tenets of honesty, integrity, morality and ethics are involved in this issue and it's up to each one of us to be firm in protecting the Exchange/Commissary system from unauthorized use. Furthermore, the cost of hiring additional employees to monitor patrons in our stores is not cost effective, which puts us all under the honor system.

Don't risk losing one of the best up-front benefits we have. Don't pass exchange or Commissary goods to unauthorized personnel.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext. 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.

AVA-72 REUNION—Capt. A. Fields Richardson SUPERCAG, CAG-6, left receives a briefing from Lt. A.J. Rizzo at Air Test and Evaluation Squadron Five. Capt. Richardson, who was Lt. Rizzo's commanding officer while the two were with VA-72, was visiting NWC and VX-5 on Oct. 25 and 26.



94 percent pass PRT

WASHINGTON (NNS)—In 1987, 94 percent of the Navy members taking the Physical Readiness Test passed. Two percent were diagnosed as obese and five percent received medical waivers.

The Chief of Naval Operations' goal is for all Navy members to meet PRT and body composition standards by the end of the 1989 Fiscal Year.

Military ID cards

Article discusses four types of military ID cards

Washington (NES). . . The ninth article in *All Hands' Rights and Benefits* series covers the Navy resale system and ID cards. A military identification card is the key to gaining access to the good quality products provided by the system at competitive prices as well as a wide range of other benefits, including education, health and entertainment.

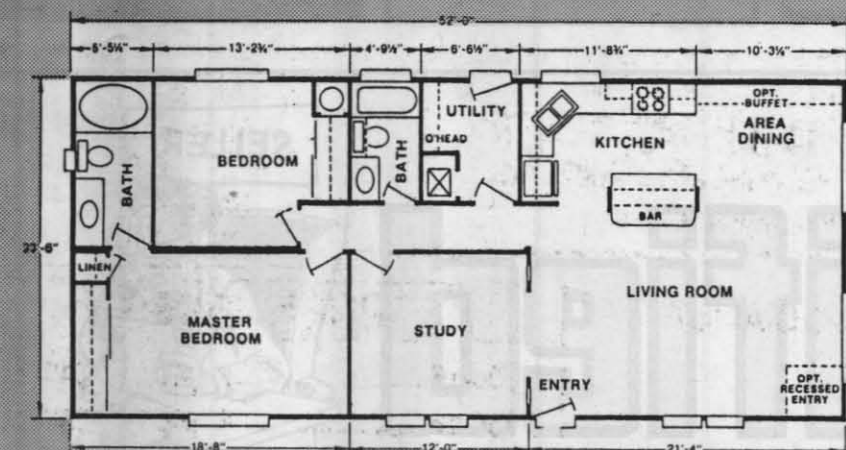
First, the *All Hands* article briefly discusses the four types of identification cards issued to members of the uniformed services and their families and the benefits each card entitles the bearer. More complete information is provided on one type of card—the Uniformed Services Identification and Privilege card. The USIP card is

issued to dependents of service members, and the *All Hands* article includes information on who is eligible for the card and how to get it. Identification cards are essential to entering the realm of the navy resale system, which includes navy exchanges, uniform shops, Navy Lodges, commissaries and ships' stores. Each of these activities is discussed in the article.

For more information, see the September 1988 issue of *All Hands*. A limited number of copies are available from the Public Affairs Office, Naval Military Personnel Command (NMPC-05), Department of the Navy, Washington, D.C. 20370-5005.

LA CASA MOBILE HOMES SALES

Model of the Week SANDALWOOD BY FLEETWOOD



Ser. #10560

Model #3522F

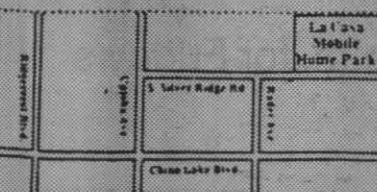
Suggested retail price \$33,690
OUR PRICE
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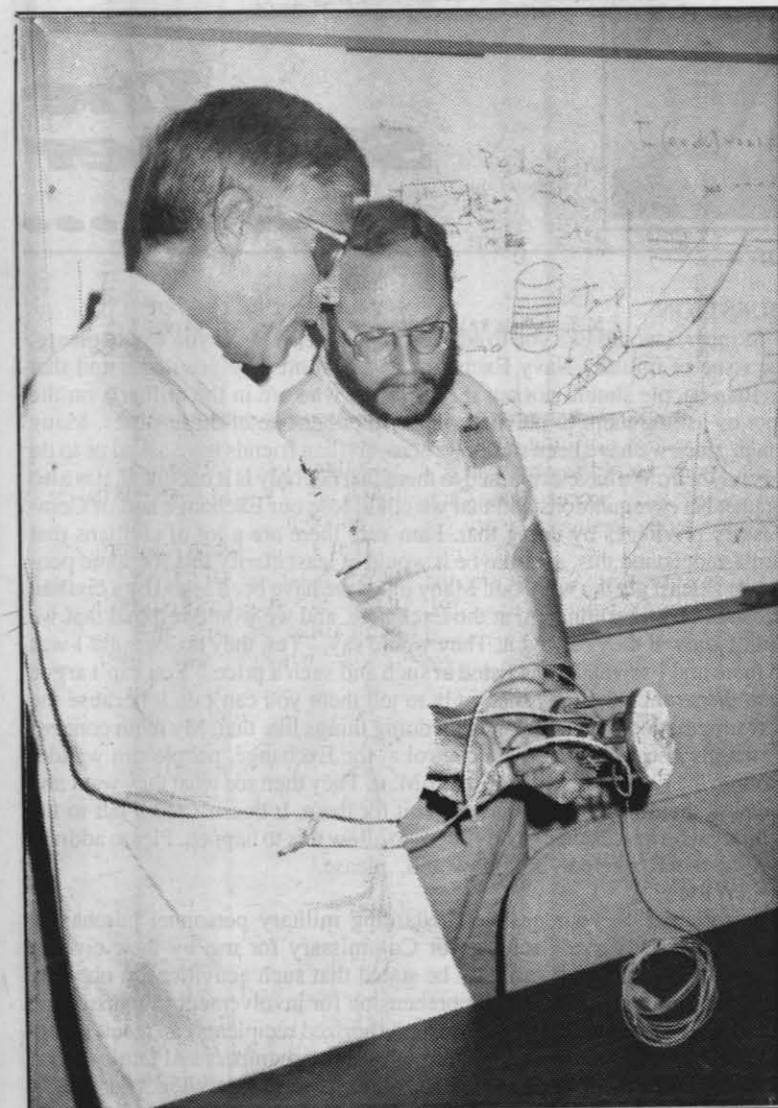
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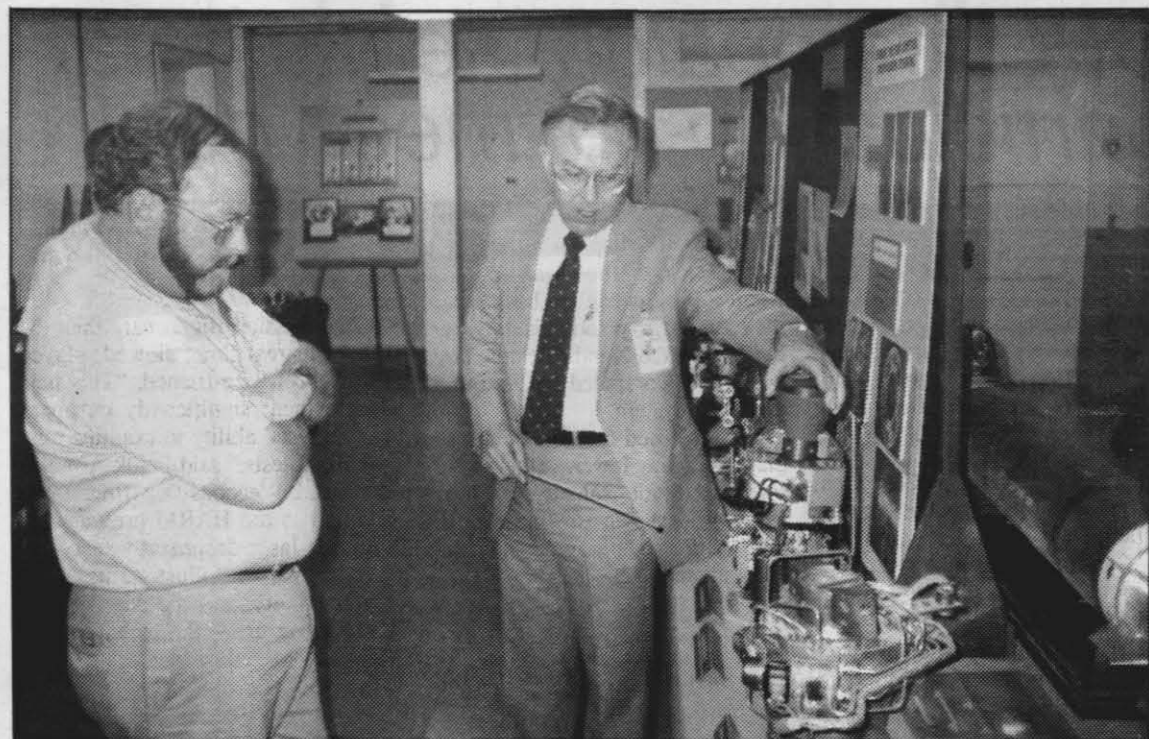
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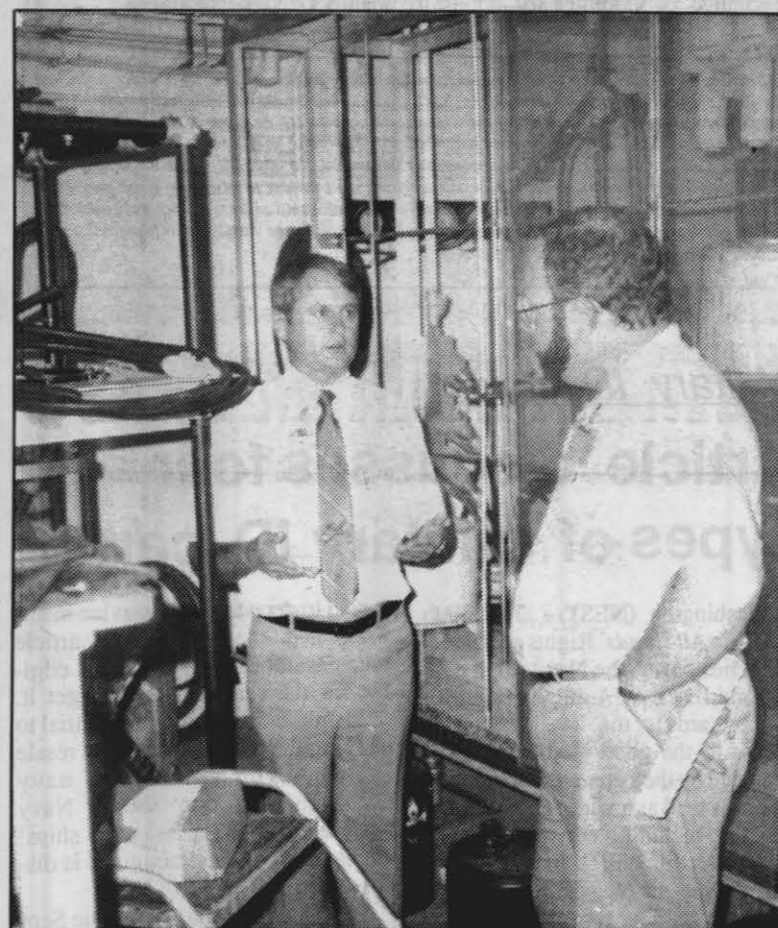
DEVELOPMENT WORK—Dr. Phil Selwyn listens as Gordon Fawkes of the Ordnance Systems Department's Explosive Evaluations Branch goes over details on an NWC project.



ORDNANCE SYSTEMS—Ray Miller, head of the Code 32 Propulsion Systems Division briefs Dr. Phil Selwyn, head of the Office of Naval Technology under the Office of the Chief of Naval Research, on work being conducted by scientists and engineers in the division. Photos by Norm Schmelling



HOW IT WORKS—George Moncsko of the Attack Weapons Department discusses his work with Dr. Selwyn while Gerry Schiefer, NWC Technical Director, looks on.



EXPLOSIVES—Dr. Phil Selwyn gets a first hand look at NWC's explosive formulations facilities and a briefing from Randy Cramer, head of the Explosive Formulations Branch.

Annual fire inspections begin

Members of the Naval Weapons Center's Fire Division will conduct their annual residential fire safety inspections in the Center's housing area Nov. 7 through 25.

Fire inspectors will conduct door-to-door courtesy fire inspections of all Center housing. Since the goal is to inspect every occupied residential unit on-Center, it may be necessary to schedule inspections after normal work hours or on weekends.

Inspection teams will not inspect vacant or unoccupied quarters. A responsible adult family member must be present during the inspection of a residence.

Officials from the Safety and Security Department's Fire Division urge all NAVWPNCEN residents to participate in this effort to make all families more aware of the importance of fire prevention.

The fire inspectors will point out

possible fire and safety hazards in and around the home, concentrating on kitchens and garages. However, a more complete inspection is encouraged and may be requested. During the inspection, the inspectors will make recommendations and answer any questions from residents.

Center residents who will not be home during normal working hours are encouraged to call NWC ext. 2146/2402 for a special inspection.

CLASSIFIEDS

305 Business

WALK-UPS CUSTOM UPHOLSTERY. We offer free estimates with samples brought to your home, also free pick-up and delivery. Our workmanship is 100% guaranteed. 8 a.m. - 5 p.m. Monday thru Friday. Evenings and Saturday by appointment 446-3929, 721 Inyokern Rd. Ridgecrest

313 Personals

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185. **AVON** - to buy or sell, call Debbie at 375-1138. **HEY KIDS!** Hear a free bible story. 375-5381. **LOVING** Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

317 Professional

CUSTOM SEWING and alterations, call for an appointment. 446-5983. **FOR CUSTOM** Auto Upholstering and motorcycle re-upholstering come to Reber Upholstering. Serving the Ridgecrest area since 1976. Satisfaction Guaranteed. 375-6446.

KEEP THOSE BABIES styling and comely with clothes from The Clothespony, call now for an appointment in your home. 377-3109.

LIONS Song offers quality piano tuning at a quality price, only \$35 for a normal tuning. Call today for an appointment. 371-1671.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

STAINED GLASS windows. Reasonable prices, financing available. 446-4640/377-5536 Patrick.

321 Building, Contracting

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185. **LOVING** Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

333 Help Wanted

AVON - to buy or sell, call Debbie at 375-1138. **AVON** to buy or sell call Judy at 375-3743. **BURGER** King is hiring all shifts, apply in person. 139 N. China Lake Blvd.

337 Work Wanted

BUY OR SELL Avon. Call Lisa at 446-6027. **LOVING** Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

353 Miscellaneous For Sale

16 FOOT 220 extension cord for electric dryer, cost \$90, make offer. 375-8273 anytime except Tuesdays and Thursdays.

7 1/2 CHEVY utility bed mounted on two wheel trailer, \$1,000. 377-5559.

AVON - to buy or sell, call Debbie at 375-1138. **BIRDS, BIRDS,** and more birds! Baby cocktiels and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

CARPET, CARPET with padding. Room sizes, excellent condition, two rolls 11 1/2 ft. x 14 ft. 8 in, 12ft. x 25 1/2 ft., \$200 each. Must see to appreciate. Excellent value. 375-6733.

Emptying Your Garage? Having a Sale? Selling Your Car? Buying a Car? Want to Rent or Buy a Home? READ & USE THE ROCKETEER CLASSIFIEDS! 375-8808

353 Miscellaneous For Sale

COMPUTER, Commodore 64 monitor, printer, drive, documentation, Mirage (software-data base, word process & adv. reports), used very little, \$475. 446-2205.

COUCH WITH SLEEPER for sale. Excellent condition. \$200. 446-3368

ELECTRONIC keyboards with chords, \$75. 446-7284.

NEED TRI CHEM? Call Shirley at 372-5252.

NEW PORCLIAN for sale, 19" color t.v. w/remote control, \$300. 446-2639.

NEW WALK BEHIND trencher available for rent. Call Ridgecrest Rent-All 446-7628.

WOOD & CABLE pools. 2 ft. are \$10, 4 ft. are \$20 & 6 ft. are \$30. Ridgecrest Rent-All 446-7628.

PEE HERMAN doll, cost \$35, selling for \$30, never used! Baseball cards. 446-2639.

PHONE 375-8808 TO PLACE YOUR CLASSIFIED AD.

353 Miscellaneous For Sale

SELLING COMICS CHEAP! Over 2,000 Marvels, DC & Independants have got to go. Have most new titles, 446-5026.

SEWING MACHINES and vacuums expertly repaired. Singer & Kirby our specialty, 20 yrs. in Ridgecrest. Call Butler 375-6075. Free estimates, pick-up & delivery.

SKATEBOARD ramp, 10' x 16' x 36' Sports Oasis demo ramp, used 1 day! Make Offer. 446-4700.

WILHORN & SON firewood sale. Now have almond, pine & fir. 377-4465.

SOFA BED & Love Seat, 2 yrs. old, looks like new, bought new \$895 will sell for \$575 or best offer. Call 375-3185, keep trying.

ZENITH 25 in. console t.v., dark pine, remote, 178 channels, excellent, \$495. 446-2205.

357 Pets

6 MONTH OLD and 1 month old cocktiels, also love birds and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time. **BIRDS, BIRDS,** and more birds! Baby cocktiels and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

To a good home, 2 year old male Calico, shots and neuter. Ask for Dodie 446-7530.

NOW LEASING

Spacious Family Living at Prospect Park Village

New carpeting & flooring, swamp coolers, washer/dryer hook-ups, dishwashers, pool, sauna, fenced yards.

COMING SOON: Fitness trail, volleyball court, basketball courts, RV parking, and storage space.

2 Bdrm. \$460.00/mo.
3 Bdrm. \$495.00/mo.

401 TORO DRIVE
(619) 375-8617

Save 1 month's rent with a 6 month lease
Dinner for 2 at the Golden Corral with a 6 month lease



Classified



Whatever it is you are looking for, you can usually find it in the classifieds. Whether you are buying, selling or trading, the Rocketeer classifieds can help! To place your ad call **375-8808** or stop by the Rocketeer Advertising Dept. at **206 Balsam** during regular working hours, Mon. - Fri. 8:00 a.m. - 5:00 p.m. Deadline for placing your classified ad: Monday, 3 p.m. for Friday's issue.

FREE CLASSIFIEDS TO ALL MILITARY PERSONNEL

Promotional opportunities

(Continued from Page 19)
 Promotion potential to DG-4.
 No. 31-060, Secretary (Typing), DG-318-1/2, Code 3134 - Provides general secretarial and administrative support to the EW Simulation Software Branch. The position also includes duties to establish, maintain, and control a project classified data library for government and contractor development support. Working knowledge of Macintosh and/or Interleaf desirable, but not required. Must be able to obtain special background clearance. Promotion potential to DG-2.
 No. 36-152, Secretary (Typing), DG-318-1/2, Code 3648 - This position is located in the Engineering Support Branch, Engineering and Production Processes Division, Engineering Department. The incumbent will provide secretarial support to the Branch head and all employees in the branch. Incumbent should be familiar with processing travel related forms. Status eligibles may apply. Previous applicants need not reapply. Promotion potential to DG-2.
 No. 36-167, Secretary (Typing), DG-318-2, Code 3622 - This position serves as secretary to the Head, Systems Electronics Branch. Knowledge of and/or experience with the MS/DOS operating system, including word processing and database applications is highly desirable. Position is at full promotion level.
 No. 61-003, Secretary (Typing), DG-318-2/3, Code 614 - This position is located in Ordnance Division of the Aircraft Department. Incumbent will provide secretarial support to division and administrative staff. Knowledge of Apple Macintosh II computer; ability to do or to learn word processing, spreadsheets, and databases; ability to interface well with people is desirable. Promotion potential to DG-3.
 No. 64-007, Secretary (Typing), DG-318-02, Code 642 - This position is located in the Telemetry Division Office. Incumbent provides secretarial support to the division office and the Telemetry Program office. Must have knowledge and strong working skills on the Apple Macintosh II.

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. 31-065, Interdisciplinary (Electronics/ Mechanical/ General Engineer/Physicist), DP-855/830/801/1310-2/3, Code 3132 - The special projects branch of the EW Avionics Division has an exciting opening for a creative engineer or scientist with a strong interest in system integration, developing new EW and avionics interfaces, and getting new equipment installed in current and future aircraft. The incumbent is responsible for integrated defensive avionics program (IDAP) interfaces and equipment integration into the FA-18 and A-6 aircraft. Also, assisting in the design and installation of an EW avionics integration laboratory. The incumbent will also be responsible for interface status and documentation. The incumbent must currently possess or be able to obtain and maintain a Top Secret clearance.

To apply, send current SF-171 to Penny Bott, send current SF-171 to Penny Bott, Code 3132, NWC ext. 1576.

No. 31-066, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 3158 - This position is in the Targeting Recognition Systems Branch, Targeting Division, Weapons Systems Integration Department. The work to be performed is the development of algorithms for signal and image processing associated with automatic ship and aircraft recognition technology. Applicable sensors for this algorithm development work include Inverse Synthetic Aperture Radar, Laser Radar, and advanced RF missile seekers. Three to five years experience in signal processing with background in radar sensors and ability to program in FORTRAN is preferred. To

apply, send current SF-171 to A. Campbell, Code 3158, NWC ext. 3531.
 No. 32-031, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 3294 - This position is located in the Tactical Fuze Branch in the Fuze S-A Division of the Ordnance Systems Department. The incumbent will be responsible for design, development and testing of high voltage power supplies, high voltage striplines, explosives foil initiators and associated components, micro-controller based logic systems, data communication interfaces which advance the state-of-the-art in warhead safety-arming devices. Responsibilities will include interfacing with industry, National Laboratories, NWC contractors and project team members. Ability to communicate effectively with technical personnel and management is necessary. Interested applicants should submit a current SF-171 to Dave Riggs, Code 3294, ext. 7450.

No. 39-029, Interdisciplinary (Electronics Engineer/ Computer Scientist/ Mathematician/ Physicist), DP-855/1310/1520/1550-3, Code 3922 - This position is located in the Missile Software Branch, Intercept Weapons Department. The incumbent will serve as the task leader and lead software engineer developing software for the Multispectrum Guidance (MSG) seeker. The incumbent will be responsible for the overall design, development, testing, and documentation of the MSG test software; and will be required to become familiar with the overall MSG seeker to ensure correctness of the software. The incumbent will direct and be supported by a small team and will be responsible for defining the required support from the team. Responsibilities will include defining requirements for specialized software tools. The incumbent will conduct structured walkthroughs and design reviews as an integral part of the understanding, design, and coding tasks. To apply, send a current SF-171 to Suzanne Barry, Code 392, NWC ext. 2922.

No. 39-030, Interdisciplinary (Electronics/ Industrial Engineer/ Physicist), DP-855/896/1310-2/3, Code 3935 - This position is located in the STANDARD Missile Fuze Branch, Fuze Sensor Systems Division, Intercept Weapons Department, which is involved in design and testing in support of engineering development, transition to production and production engineering improvements of STANDARD Missile Proximity Systems. The incumbent will be responsible for mechanical design of all mechanical features of the three phases of fuze design. The majority of the effort will be in support of a new complex fuze design and associated testing. The incumbent should be knowledgeable in structures analysis, ANSII 14.5 drawing standards, computer aided

structural analysis, and thermal transfer. The branch is currently involved in the development and qualification of a second source developer and producer of STANDARD Missile Fuzes. The incumbent will participate as a team member in this second source effort, working with senior fuze engineers, transferring the design, alignment techniques and test experience to the new fuze source. The incumbent will also participate in engineering design and development of components and circuit designs in support of advanced fuze systems. Work areas are broad based and best suited for engineers interested in broad engineering experiences. Areas of responsibilities may include: antennas; microwave; IF detection circuitry; analogue and digital processing circuitry; power supplies; and test equipment correlation and documentation. To apply, send a current SF-171 to Dick Hanson, Code 3935, NWC ext. 2476/6611.

No. 62-032, Interdisciplinary (Physicist/ Mathematician/ Computer Scientist), DP-1310/1520/1550-2/3, Code 62521 - This position is located in the Software Development Section, Data Branch, Computer Systems Division, Range Department. The section will soon be involved in a major development of data reduction software under a UNIX operation system and employing a DBMS for control of all data entry. Prior experience with UNIX system is desirable. The incumbent will work as a member of a skilled team of computer scientists and other professionals who are intimately familiar with the current HP-1000 data system. The incumbents primary responsibility will be to perform as system manager for the new superminicomputer system and to provide programming support for the same system. This position is physically located in the new Instrumentation Lab of the Range Control Center Complex. Please send current SF-171 to Joe Dorgan, Code 6252, or call NWC ext. 6734 or 6724 for more information. Promotion potential to DP-3 if filled at the DP-3 level. Previous applicants need not reapply.

No. 31-056, Interdisciplinary (Electronics Engineer/ Mechanical Engineer/ Computer Scientist/ Physicist), DP-855/830/1550/1310-2, Code 3144 - (Multiple Vacancies) These positions are located in the FA-18 Avionics and Weapons Integration Branch. The incumbents are responsible for engineering and technical support of the FA-18 in areas of avionics, weapons integration, and Stores Management Systems (SMS). Responsibilities include planning, developing, implementing, scheduling, troubleshooting, software engineering, verification and validation testing (V&V), and problem solving functions. Understanding of avionics and weapons system test and evaluation procedures desirable. Status-eligibles may apply. To apply, send an updated SF-171 to R. Fabiano, Code 3144, NWC ext. 5097. Previous applicants need not apply.

No. 39-032, Mechanical Engineer, DP-830-2/3, Code 3935 - This position is located in the STANDARD Missile Fuze Branch, Fuze Sensor Systems Division, Intercept Weapons Department, which is involved in design and testing in support of engineering development, transition to production and production engineering improvements of STANDARD Missile Proximity Systems. The incumbent will be responsible for mechanical design of all mechanical features of the three phases of fuze design. The majority of the effort will be in support of a new complex fuze design and associated testing. The incumbent should be knowledgeable in structures analysis, ANSII 14.5 drawing standards, computer aided

Soldering classes set for next week

Four 24-hour high-reliability soldering courses will be held from Nov. 7-9 from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street.

These four courses are for government personnel needing recertification to WS-6536.

The requirements these courses are (1) previous soldering experience and (2) a current eye examination.

To be scheduled into a class, contact the Soldering Technology Training, Code 36812, 446-5571.

Data display system developed

(Continued from Page 1.)
 time-space-position information (TSPI) supplied by range timing and by ground-based radars and optical trackers.

Each point in the flight can be exhaustively analyzed by comparing the output of the various data sources for that specific point. But, this data reduction is a ponderous task. Until now, an overall picture of the flight test has been hard to achieve.

A Center engineer, Lou Giegerich, working with the Strike Electronic Warfare Simulation (SEWS) realized that the superior computer-graphics capabilities of the Silicon Graphics Computer might be used to generate a coordinated presentation of a mass of flight-test data.

Teamed with a computer scientist,

Tom Reese, familiar with the Silicon Graphics 4D computer, they designed a display that could be driven by the flight test data.

The design shows the digitized NWC terrain map and horizon as viewed from the missile nose. Against this changing background, the actual target position is shown as a black X. A red X indicates the target position as computed by the missile guidance system.

Time elapsed from launch is displayed in the lower center of the screen. Altitude, velocity, pitch, roll and yaw are shown using head-up display type symbology. Seeker state and guidance law are shown in the boxes in the lower-left and lower-right portions of the screen.

To convert the data from a flight test into the display format takes one person 12 hours. The conversion con-

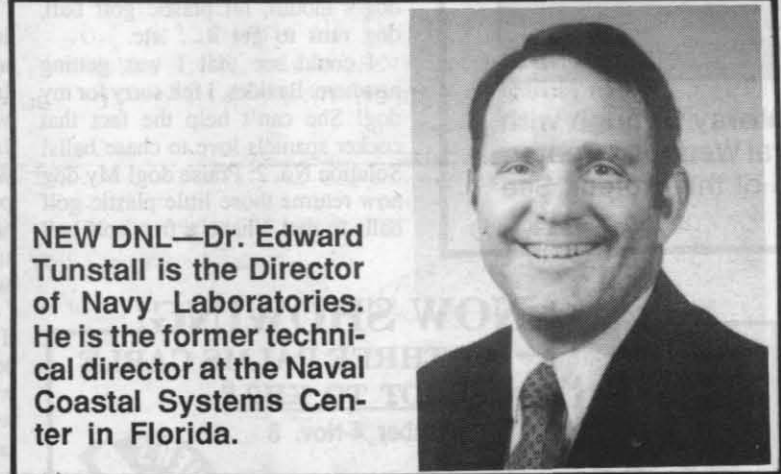
sists primarily of correlating the data sources, which were sampled at different timing rates. A Silicon Graphics Computer is used to create the display, then the data display is transferred to color videotape and delivered to the analyst.

The missile flight can then be shown in real time, slowed, played back, and freeze-framed. "This new development significantly enhances our analysts' ability to examine missile flight tests," said Frank Armogida, Attack Weapons Department. "In addition to the HARM program, an airborne-laser-designator test has been animated to illustrate its tracking capability, and the Air Force is considering using the technique for its Tacit Rainbow program. The applications are unlimited and constrained only by the imagination."

Echo Range t-shirts now are available

Distinctive t-shirts from the Naval Weapons Center's Echo Range (Code 644) are now on sale. These shirts show the Echo Range mascot on the front and the EWTES logo on the front. They are available in four colors, blue, red, grey and white, with printing in black. Shirts in sizes small children's through XXXL men's are just \$8.50 each.

All profits help pay for the Aerodynamics Department Christmas Party. To order one of these distinctive t-shirts, call Rose Short at NWC ext. 3571-237 or Cath Walston at 3571-213. Orders will be taken through Nov. 10.



NEW DNL—Dr. Edward Tunstall is the Director of Navy Laboratories. He is the former technical director at the Naval Coastal Systems Center in Florida.

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mipi
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"There's no such thing as a free lunch," goes the old saying, and it's true for the MIPI process, too. Each MIPI has to be evaluated every six months.

This means that if you are the action code responsible for the MIPI, you will be asked to collect data and do a formal evaluation twice a year. Of course, if the waiver is for an event which only occurs once a year (e.g., MIPI 093-87, Direct Mailing of Bonus Checks), then the evaluation will only be requested once each year. But, regardless of the cycle, it is vital to the Model Installation Program that you complete the evaluation. You'll be doing the Center, and perhaps many others, a big favor when you do.

Every MIPI is a test for a waiver of a rule or regulation. The purpose of a MIPI is not only to obtain a local waiver or authority for our command, but it is also to test the idea for possible change of regulation or law Navy-wide, and in some cases, DOD or even Government-wide. If the MIPI results in the savings, efficiency of operations or increased quality of life that it said it would, then it is likely to be adopted.

That's why, when you propose a new MIPI or are asked to review one, it is so important that you consider the evaluation criteria and methods equally with the rule waiver itself. The construction of the evaluation is critical to the ultimate success of the test of the initiative.

Also, if you find that the evaluation criteria does not adequately cover the test of the MIPI after the MIPI has been approved and is in operation, then we can change that criteria. So, if you're struggling to make some "round" criteria fit some "square" evaluation facts, then give us a call and we'll work out the necessary changes. The important thing is to give the MIPI waiver a fair test and to promote those that are working and to discard those that don't.

So, bear with us if we bug you for that "all important" MIPI evaluation data. It's for a good cause, i.e. to get the rule permanently changed.

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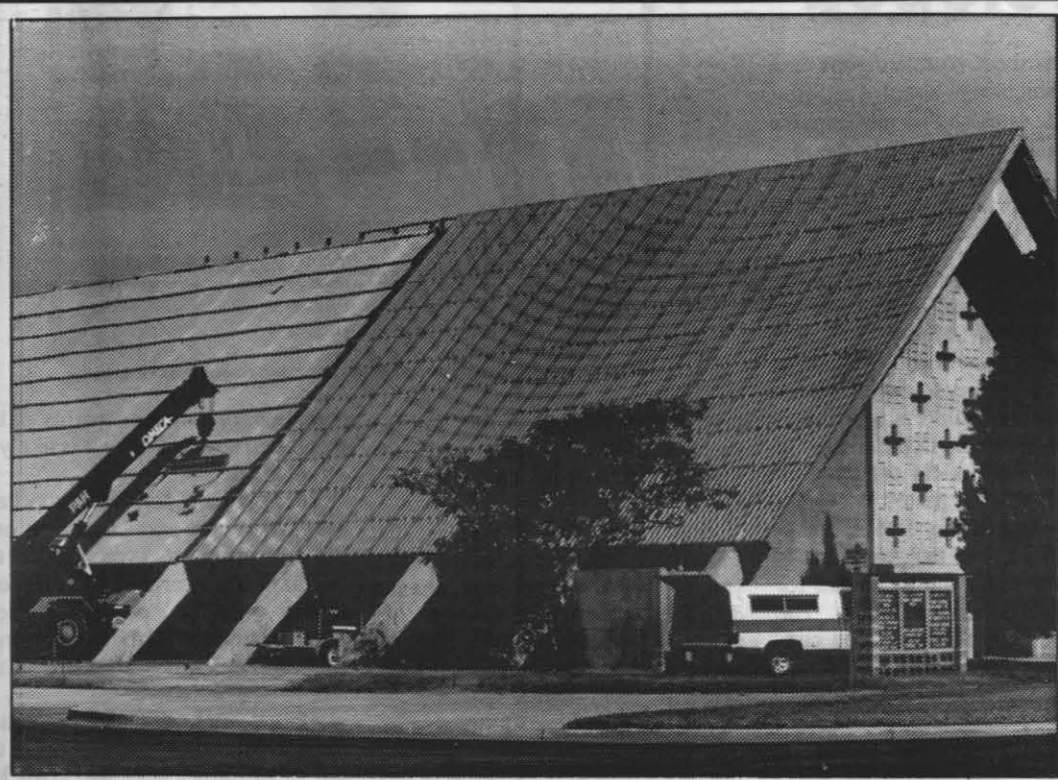
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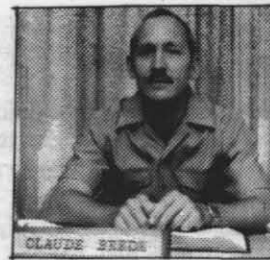
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HALFWAY—Contractor employees are more than halfway through with the reroofing project for the All Faith Chapel at the Naval Weapons Center. Modified worship schedules are continuing because of the project. See the chapel schedule on Page 2. Photo by PHAA Cary Brady



Chapel

I really enjoy the game of golf. The problem is, I'm not very good at it. Enter: American Technology! Enter: A plastic golf ball with holes which allows me to practice golf in my backyard (without breaking my neighbors' windows!).

Enter: My cocker spaniel who loves to chase balls! Problem: Plastic golf balls with holes do not last very long in a cocker spaniel's mouth (they become rather flat very quickly!). Solution No. 1: Spank dog. Hit plastic golf ball, dog runs to get it, spank dog, pull ball from dog's mouth, hit plastic golf ball, dog runs to get it. . . etc.

I could see that I was getting nowhere. Besides, I felt sorry for my dog! She can't help the fact that cocker spaniels love to chase balls! Solution No. 2: Praise dog! My dog now returns those little plastic golf balls to me! I have a free golf ball

returning service! Arnold Palmer, eat your heart out!

There is a lesson to be learned from all this. I am reminded of a man by the name of Elijah. No one appreciated what he was doing, especially the king and queen (Ahab and Jezebel), who wanted to have him killed (1 Kings 18 and 19). He was serving God, but people did not like what he was saying or doing. However, God appeared to Elijah, and after feeding him, took him up to the mountain and spoke with him, *encouraging* him.

There are two lessons to be learned here. First of all, we need to appreciate people and what they do. Initially we may feel hurt by a friend whose real motive is to try to help us. Just as I misunderstood what my dog was doing, and didn't appreciate the positive side of it, so many times we are misunderstood, or may misunderstand the motives of a friend who is really trying to help us.

Secondly, we can remember that if our motive is to *serve God*, even if people do misunderstand us, God will make sure that things turn out well for us in the end. After all, Elijah was one of only two people who went directly to heaven without dying (2 Kings 2:11). Now that's what I call appreciation!

Promotional opportunities

(Continued from Page 18)

to which items of assigned equipment are interchangeable and substitutable; knowledge of the parts, tools and training devices required to support assigned equipment through the test, maintenance and operational stages; knowledge of maintenance contracts, their implementation, and tracking; ability to confer with contractors and representatives of other organizations on specific equipment problems. Promotion potential to DS-3, however not guaranteed.

No. 36-166, Model Maker (CAM Technologist), WG-4714-14, Code 36441 - This position is located in the CAM Section, Central Model Shop, Engineering and Production Processes Division, Engineering Department. The model maker is responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. The model maker is responsible for independently planning, laying out, modifying, fabricating, and assembling complete models without detailed instructions. These models are made from a variety of materials and involved several fabrication processes and procedures and require knowledge in more than a single trade. Job Relevant Criteria: Knowledge of pertinent metals; ability to do the work of the position without more than normal supervision; ability to do the theoretical, precise, and/or artistic work of a trades; ability to use shop drawings (mechanical); ability to use hand tools for Machine Shop; ability to use measuring devices for determining where to cut, how to cut, how to fit, how to mark material, etc. Supplemental forms are required. Forms are available in Room 100 of the Personnel Building.

No. 39-026, Administrative Officer, DA/DP-341-3, Code 39022 - This position is the Section Head of the Physical Resources Section of the Intercept Weapons Department Staff and reports directly to the Head of Staff. The incumbent is responsible for managing support functions involving space and facilities, equipment, procurement, and budget. Job Relevant Criteria: Knowledge of financial terminology and procedures; knowledge of facilities management; knowledge of supply operations and procedures; ability to communicate in writing; ability to communicate orally; ability to collect and analyze data; ability and willingness to support NWC EEO goals and objectives. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-3.

No. 39-025, Supervisory Interdisciplinary (General Engineer/Operations Research Analyst), DP-801/1515-3/4, Code 3914 - This position is that of Head, Missile Simulation Branch of the Missile Systems Division, Weapons Department. This branch is responsible for the development and utilization of weapon system simulations for the system investigations related to NWC weapon programs. The branch provides facility and operational support to the NWC Simulation Laboratory (Simlab). Job Relevant Criteria: Knowledge of mathematical modeling and computer simulation development; knowledge of and experience with computers; ability to deal effectively with top NWC management and officials from Washington; ability to deal effectively with personnel of diverse backgrounds; ability to support NWC EEO goals and objectives. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed.

No. 39-027, Administrative

Officer, DA-341-1/2/3, Code 395 - The incumbent provides a full range of administrative support functions. This includes budget administration and project overhead financial management; personnel and organizational management; provides assistance to staffing and other personnel procedures. Job Relevant Criteria: Knowledge of NWC financial accounting systems, terminology and procedures; knowledge of personnel policies and procedures; ability to carry out studies and analysis; ability to communicate in writing; ability to communicate orally. Promotion potential to DA-3.

No. 39-028, Computer Specialist, DS-334-1, Code 3903 - The incumbent provides system manager support to a mini-VAX which is used to run classified system simulations. Provides software and hardware procurement support for the mini-VAX and a large number of personal computers used by Code 3903 analysts. Job Relevant Criteria: Knowledge of personal computer and VAX terminal use at the user level; knowledge of database management systems; ability to learn DEC VAX, VMS, and DCL; ability to communicate orally; ability to communicate in writing. Promotion potential to DS-3.

No. 64-006, Supervisory Electronics Technician, DT-DP-856-03, Code 64241 - This position is head of the Test Support Section of the Telemetry Systems Branch, Telemetry Division, Aerosystems Department. This section is responsible for the coordination and accomplishment of missile/telemetry integration, checkout and calibration for flight tests. The section also develops, designs and qualifies test equipment for telemetry components, signal conditioners and telemetry systems. The incumbent provides overall direction, coordination and management of the

section activities as well as general administrative tasks. Job Relevant Criteria: Knowledge of NWC personnel policies and procedures; ability to communicate effectively with all levels both orally and in writing; knowledge of electronics systems testing. Willingness to support NWC EEO policies and goals. Incumbent may be required to serve a one year probationary period.

No. 61-004 Warehouse Worker, WG-6909, 5/7, Code 614 - This position is located in the Aircraft Department, Ordnance Division. The incumbent will perform duties involving the receiving,

shipping, storing, issuing and transporting of ammunition/explosives and components. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; skill in use of material handling equipment and techniques; ability to interpret instructions, documents, etc.; knowledge of ordnance and explosives; dexterity and safety including skill in detecting potential ordnance hazards. Warehouse worker supplemental must be submitted with an updated SF-171. Supplemental forms are available in Room 100 of the Personnel building.

hazards. Warehouse worker supplemental must be submitted with an updated SF-171. Supplemental forms are available in Room 100 of the Personnel building.

Secretarial opportunities

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

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

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

24-018, Secretary, DG-318-3/4, and Security Department. Must be able to obtain and maintain a Secret clearance. and administrative support to the Head, Safety (Continued on Page 20)

Crossing Delancey
(1:05, 3:50), 6:35, 9:20

THEY LIVE
(12:45, 3:30) 6:15, 9:00

ALIEN NATION
PREPARE YOURSELF
R (12:55, 3:40) 6:25, 9:10

GORILLAS IN THE MIST
The Adventure of Dian Fossey
PG-13 (12:45, 3:30) 6:15, 9:00

Eight Men Out
PG (12:55, 3:40) 6:25, 9:10

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This Sunday Navy Sabbath

All Faith Chapel congregations will observe Navy Sabbath on Sunday. The purpose of Navy Sabbath, according to the Naval Reserve Association, which sponsors the event, is to "recognize the men and women of our Armed Forces who stand on the front lines of defense of our great nation and who represent our ability to defend freedom. We salute those, who by their dedicated service, make it possible for all Americans to maintain a democratic way of life."

According to a pamphlet produced by the association, Navy Sabbath originated in 1978, based on a recommendation by the Conference of Ecclesiastical Endorsing Agents for the Armed Forces and endorsed by the Navy Chief of Chaplains. The Naval Reserve Association changed the dates for observance of Navy Sabbath to the weekend preceding Veterans Day on Nov. 11, rather than the Navy Birthday, on the basis that churches desired to recognize service to country by personnel of the other Armed Services as well as the Navy. "Navy Sabbath" will be observed in coordination with "Armed Forces Sabbath" this weekend. All military personnel are encouraged to attend divine services in uniform.

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<p>Two Super Salad Bars \$8.99</p> <p>From 11 a.m. 'til 4 p.m. only Expires 11/17/88</p> <p>Good for entire party. Individual dinner may be purchased at 1/2 the stated price. Not valid with other offers. At participating restaurants. Tax not included.</p> <p>Golden Corral 1030 N. Norma</p>	<p>Two Deluxe Top Sirloin Dinners \$7.99</p> <p>Expires 11/17/88</p> <p>Good for entire party. Individual dinner may be purchased at 1/2 the stated price. Not valid with other offers. At participating restaurants. Tax not included.</p> <p>Golden Corral 1030 N. Norma</p>
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PROPOSITION 106 IS A FRAUD

VOTE NO on PROPOSITION 106

1. Ralph Nader urges Californians to vote No on Proposition 106. (See California Voters Pamphlet, 1988).
2. Proposition 106 is being financed by the insurance industry, which is spending \$43 million for lawyer bashing commercials. (See L.A. Times, 7-29-88).
3. What has the insurance industry ever done for you besides raise your premiums when you had no claims?
4. The top insurance industry spokesman (George Tye) has admitted publicly that Prop 106 won't reduce insurance rates. San Diego Union, 6-2-88).
5. Proposition 106 is the Insurance Industry saying, "Let's take away their lawyers."
6. Insurance companies give up no rights at all under Prop 106. They can still pay their own lawyers \$200 per hour to fight you.
7. Proposition 106 will prohibit you from negotiating your own deal with your own attorney.
8. Proposition 106 is intended to force wage earners to pay their lawyers cash in advance.
9. Proposition 106 is intended to take away all of your leverage against insurance companies by making it financially impossible for you to hire a lawyer. That will leave the fox guarding the hen house.
10. The insurance motto is, "millions for defense, but not one cent for settlement." Now they want to take away your lawyer too.

DO YOU THINK INSURANCE COMPANIES ARE TRYING TO HELP YOU?

VOTE NO on PROPOSITION 106

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- 2) 1984 Dodge Colt, asking \$1799
- 3) 1984 Plymouth Voyager, open bid. (Not running)

ALL BIDS WILL BE CONSIDERED!! Vehicles may be seen at the base office 1:30 p.m. - 4:30 p.m. Monday thru Friday, except holidays. For further information please contact the Collection Department

Promotional opportunities

(Continued from Page 17)

single point of contact for STANDARD Missile Program Activity at NWC. As such, it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. The Associate Technical Manager will provide technical direction on ordnance component production issues and coordinate Center activities with other members of the STANDARD Missile community. Job Relevant Criteria: Knowledge of guided missile and missile subsystem concepts and the design/development/production process is important; knowledge of ordnance and electromechanical components is desirable but not mandatory; knowledge of NWC/DoD acquisition requirements and program

development guidelines; ability to interface with management, contractors, NWC, and other Navy activities personnel; ability to effectively plan, monitor, and coordinate the work of several separate production activities; ability to apply product assurance disciplines; ability to give oral presentations and prepare written communication. Promotion potential DP-3.

No. 36-164, Supervisory Interdisciplinary (General/ Electronics/Electrical/Mechanical/ Industrial Engineer/Physicist), DP-801/ 855/850/830/896/1310-3/4, Code 3606 - This position is Technical Program Manager for the Harpoon/SLAM Technical Office. The incumbent will serve as overall manager for production and product

improvement efforts for the Harpoon and SLAM programs and will be responsible for administration, budgets, technical direction, and other program elements as required, as well as supervising a small group in support of the Technical Office. The incumbent will be responsible for maintaining close liaison with technical management elements of NWC, NAVAIR, and the prime contractor. Job Relevant Criteria: Knowledge of Naval procurement and systems acquisition process; knowledge of Navy funding system, funding cycle and fund differences; knowledge of diverse fields such as electronics, mechanical engineering, software, explosives, mechanical engineering, software, explosives, aerodynamics, propulsion, documentation, product assurance, safety and radar; knowledge of the design and operation of RF seekers,

guidance systems, computers, ordnance packages, control systems, and turbine engines; knowledge of and a willingness to support NWC EEO program goals and objectives; ability to provide technical and managerial direction and coordination of a major complex weapon system; ability to communicate orally and in writing. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4, however not guaranteed. No. 36-165, Equipment Specialist (Machinery and Machine Tools), DS-1670-2/3, Code 36405 - This position is in the Division Support Office, Engineering & Production Processes Division, Engineering Department. The incumbent is involved in collecting, analyzing, interpreting

and developing specialized information on machine tools and related technical equipment. The duties include providing information to those who test, produce, procure, supply, operate, repair, or dispose of equipment. The incumbent develops, installs, inspects or revises equipment maintenance programs; provides contractors data and reports to determine conformance with contract technical requirements; and reviews contractor invoices and supporting documentation. Job Relevant Criteria: Knowledge of the principles, practices and procedures used in the design, procurement, construction, overhaul, maintenance, modification, and repair of assigned equipment; knowledge of the techniques employed in determining the extent

(Continued on Page 19)

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NWC's Wellness Corner

Lorraine Baty, a registered dietitian, will present a lecture on healthy holiday food habits on Nov. 16 from 3 to 4 p.m. in Michelson Laboratory, Conference Room 1000D. Behavior modification guidelines for holiday wellness training will be discussed. Concepts include menu planning, food preparation, portion control, food choices and

actual eating techniques. ### you for your patience. ### A creative name and logo is needed for the newly formed walking club. Please submit any suggestions to Betty Miller, Code 22B. ### For those of you that paid for your blood test, you will receive a refund check in the mail. Thank

The GREAT AMERICAN SMOKEOUT is Nov. 17. A limited number of kits are available from the Wellness Program Office, Room 216, in the Civilian Personnel Building. Adopt a smoker and help someone quit for the day.

CLPD enforces traffic rules

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations. According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday — Randsburg Wash Road.
- Tuesday — Inyokern Road.
- Wednesday — Knox Road.
- Thursday — Richmond Road.
- Friday — Burroughs Avenue.

Violations may be cited at anytime as well as in areas other than the ones mentioned above.

Early timecards

While the Unisys (Sperry) 1100/80 computer is being moved to Lauritsen and Blandy, timecards, payroll and related financial reports will be processed at the Fleet Analysis Center in Corona. Because of the extra time needed to transport timecards and documents, the timecard submission schedule will be as follows:
Timecards due by: For the week ending:
Tues., Nov. 8 by 4:30 Nov. 12
Mon., Nov. 14 by 4:30 Nov. 19

Beware of coyotes

Housing says... Due to shortage of water, tenants living near open areas can expect to see coyotes near their houses. As food becomes scarce, coyotes will migrate to locations where they can find food and water. The Housing staff urges Center residents not to feed these potentially dangerous animals. Coyotes are creatures of habit and, if fed, will continue to return. They readily get used to people; however, they will never be tame enough to the point of being able to pet them. The coyote is a known carrier of rabies and is capable of infecting other mammals and humans. Make sure there are no openings in your fence, keep garbage in a closed container, and keep all cat and dog food out of reach. If you have any problems with these animals, contact the Environmental Division at 939-3411.

GREAT AMERICAN SMOKEOUT

AMERICAN CANCER SOCIETY

TAKE A BREATH

Join the Great American Smokeout on Nov. 17. Millions of smokers across the country will take a break and try not to smoke for 24 hours. How about you? Or, if you don't smoke, adopt a smoker for the day and promise to help that friend get through the day without a cigarette!

QUIT TIPS

- Hide all ashtrays, matches, etc.
- Lay in a supply of sugarless gum, carrot sticks, etc.
- Drink lots of liquids, but pass up coffee & alcohol.
- Tell everyone you're quitting for the day.
- When the urge to smoke hits, take a deep breath, hold it for 10 seconds & release it slowly.
- Exercise to relieve the tension.
- Try the "buddy system," and ask a friend to quit too.



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Family Home Care Program here to assist parents and caregivers

"I'm here to help," said Debbie Bergstrom, Family Home Care Program Coordinator at the Naval Weapons Center (NWC).
 Begun to provide quality day care and to provide opportunities for home caregivers to earn income, the Family Home Care Program (FHCP) operates under an official Navy instruction.

"All caregivers in Center housing must meet the FHCP instructions," said Bergstrom. "My role is to help home caregivers qualify by assisting them with training and procedures."

"I understand and support the rationale behind the program," said Candi Stivers, a home caregiver, "and Debbie has used many resources to assist me and other caregivers to complete the certification process."

"As a parent, I'd feel more comfortable if my children were with a certified caregiver," she explained. "The FHCP office has been encouraging and is always available to give advice and to lend resources." Stivers watches two of her own children and one other child. She currently has three openings.

The FHCP sees itself as an extension of the Child Care Center. The program sets standards for the home caregivers to assure parents of the safety and quality of the care.



HELPING ROLE—Debbie Bergstrom, left, Family Home Care Program coordinator, advises Candi Stivers, FHCP's first certified caregiver.

"to assure parents of the safety and quality of care"

Caregivers start the certification process by calling Bergstrom at NWC ext. 2926. During a one hour meeting, she explains the certification process. "The responsibility for the actual operation of the home care program is managed by the caregiver," explained Bergstrom. "To be certified, the caregivers need to complete first aid training, CPR training and food handlers' training."

"The caregivers' homes are also certified by a fire inspection, housing inspection and a preventive medicine inspection," said Bergstrom. Caregivers can watch a maximum of six children, and only two can be under the age of two.

While in the process of completing these requirements registered caregivers can continue caring for children on a conditional basis. "After passing the inspections and classes, the caregivers receive full certification," Bergstrom added.

Bergstrom often calls uncertified home caregivers to explain the certification program. "The Morale, Welfare & Recreation department hired

me to help caregivers, not make it harder for them. But, sometimes, I do need to clarify the Navy-wide policy that home caregivers who reside on base must be certified or risk losing on-Center housing privileges," said Bergstrom.

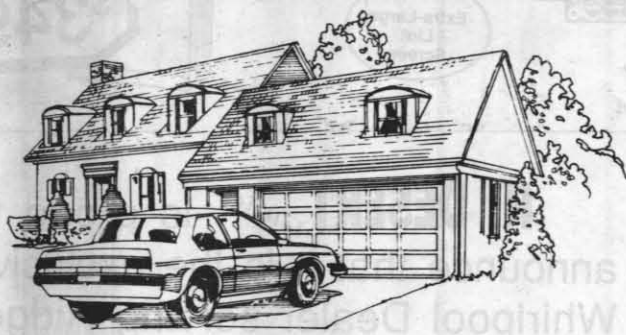
Bergstrom has earned over 730 hours of child care training and recently received her certificate in management training.

This program has been instituted Navy-wide and now accommodates over 6,000 children, according to a recent Navy Times article.

The FHCP is also designed to be a resource and referral office for China Lakers seeking quality child care. Parents can be assured the homes meet the same high standards as the Child Care Center. Caregivers are also required to complete two additional hours' training per month. Currently, this can be completed via consultations with Bergstrom on topics as diverse as budgeting, fee scheduling, programming, and menu planning.

People interested in the certification program or those who would like to place their children in a certified home can call Debbie Bergstrom at NWC ext. 2926.

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The news media informs us... the EPA cautions us... and our taste buds confirm it... the tap water we drink is often unsafe and its taste is lacking. More and more people are seeking an alternative to the potential health hazards and bad taste of our available water supply as well as eliminating the health hazards and inconvenience associated with the only option, bottled water... until now!

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Coupons save \$\$\$ at Navy Exchange

Good values abound at the Navy Exchange on board the Naval Weapons Center. The Exchange is offering the following values:

Double Couponing at the Navy Exchange is back. Every Monday, all coupons (except cigarette coupons), will be accepted at double their face value.

Appliance of the Month is the Oskar High Efficiency Food Processor for \$28.99. Easy to use and clean, the appliance has no complicated parts. It takes up less space than a

toaster and includes a stainless steel slicer/shredder, a reversible disc, a processing bowl cover, storage lid and a side discharge attachment. Model #14081, White.

Camera of the Month Freedom Tele QD Camera Kit by Minolta for \$229. The kit includes the Freedom Tele 35 mm Autofocus Camera with quartz data back, lens cleaning kit, mini photo album, booklet entitled "How to Take Winning Pictures" and a durable camera bag.

NEX holiday catalogs here

Sixty pages thick, a holiday sale circular, chock full of gift ideas, is now available at the Navy Exchange. Each page is loaded with colorful items that would make perfect gifts for every member of the family, for friends and for those who are "very special."

The gift circular was created to help Exchange customers select the right item for every person on their holiday list. Some of the gift selections include stuffed animals, toys, clothing for every day and the latest in men's and women's fashions. There are also pages of jewelry items, watches, fragrances, lingerie, holiday specials, cameras, audio and video electronics, and luggage...to name just a few choices.

The gift selections in the holiday circular are priced to offer savings to Exchange customers and there is wide enough range to fit any budget. Within the book are special pages showing a collection of gift items under \$10 and also under \$20.

This circular of gift ideas is at the Navy Exchange right now and is being given away free to any authorized Exchange customer. After seeing the circular, Navy people can realize that the Navy Exchange is their shopping place for holiday gifts. If some items are not on display, please check with Customer Service for special order requests.



Personnel News & Notes

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. **Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate.** If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 00-020, Paralegal Specialist, DA-950-2, Code 006 - This position is located in the Acquisitions Section of the NWC Office of Counsel. The incumbent will be responsible for providing a wide range of legal assistance to attorneys within the Office of Counsel. Specific responsibilities will include coordination of the Office of Counsel's FOIA and Standards of Conduct functions, support in obtaining records and preparation of litigation files, e.g., GAO and GSBGA protests and ASBCA claims and general legal research. **Job Relevant Criteria:** Knowledge of a body of law and related rules, regulations, policies and precedents; ability to conduct research for the preparation of legal opinions; ability to perform substantive legal analyses; ability to communicate in writing; ability to communicate orally. Promotion potential to DA-3, but not guaranteed.

No. 21-002, Supply Systems Analyst, DA-2003-2, Code 213 - This position is located in the Supply Support Division of the Military and Support Operations Department. Incumbent performs analyses of a wide variety of supply systems and management problems. Performs contractor monitoring as part of evaluation of supply operations and the role of the contractors. Assignments include developing contract performance work statements, sampling completed work units and report writing. **Job Relevant Criteria:** Ability to analyze supply programs; ability to analyze technical data; knowledge of Management Information Systems in order to recommend new supply systems to higher-level management; ability to deal with all levels of management; ability to communicate in writing; ability to communicate orally.

No. 28-007, Budget Clerk/Assistant, DG-561-1/2/3, Codes 2833 and/or 2836 - The incumbent will provide fiscal clerical support to the branch or any of the departments it serves. The incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customer order/job order numbers, assists the department in processing travel orders and/or material requisition actions. **Job Relevant Criteria -** Ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to DG-3. Status eligibles will be considered.

No. 28-008, Budget Analyst, DA-560-1/2/3, Codes 2833 and/or 2836 - The incumbent provides resource support services to one of NWC's operating departments. The incumbent is responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, capital and service center budgets. Responsible for conducting financial analysis. **Job Relevant Criteria -** Ability to gather and analyze raw financial data; ability to communicate both orally and in writing; ability to deal tactfully and effectively with

others. Promotion potential to DP-3.

No. 28-009, Clerk-Typist/Voucher Examiner, DG-322/540-A/1/2, Code 2854 - This position is located in the Travel Branch, Office of the Comptroller. The incumbent prepares and/or types vouchers for settlements of travel claims for all levels of employees; reviews travel expenses to determine eligibility and payment of charges; consults with travelers and support personnel in preparation of claims; interprets and applies travel regulations and modifications. **Job Relevant Criteria:** Skill in the use of a calculator and typewriter; ability to work rapidly and accurately with figures under pressure of time and workload requirements; ability to interpret and apply complex higher authority regulations; ability to interact effectively and tactfully with customers; ability to work efficiently with minimal supervision. Promotion potential to DG-3, but not guaranteed.

No. 31-059, Interdisciplinary (General/ Electronics Engineer/ Physicist/ Mathematician/ Computer Scientist), DP-801/855/1310/1520/1550-3/4, Code 31C - This position is in the Embedded Computing Technology Office. The office is responsible for coordinating Center technology base work in the area of embedded computers for Navy/DOD applications. It promotes the effective transfer and utilization of new computing hardware and software technology to current and future Center embedded computer systems. The incumbent provides coordination and liaison to other laboratory and industry organizations. In addition, the incumbent applies new techniques and tools to Center problems through in-house or contracted demonstrations. **Job Relevant Criteria:** Knowledge of embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and application; knowledge of ANSI/MIL-STD-1815A (DOD Programming Language-ADA); ability to communicate effectively with all levels. Status eligibles may apply. If filled at the DP-3 level, this position has promotion potential to DP-4, but is not guaranteed. Previous applicants need not apply.

No. 31-062, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial Engineer/ Physicist/ Mathematician), DP 801/830/850/855/861/896/1310/1520-3/4, Code 3103 - This position is in the A-4M/AV-8B Weapon System Support Activity (WSSA). The incumbent will head up NWC's efforts to incorporate a Radar into the AV-8B aircraft. This position involves developing a radar program plan implementing and managing that plan. The incumbent will interface with NAVAIR, several NWC organizations, MCAIR, the radar contractor and other support contractors. The incumbent will be responsible for schedules, budgets, monitoring and coordinating technical work, and making presentations to sponsors and NWC management. **Job Relevant Criteria:** Knowledge of aircraft/avionics systems, software engineering, project management, weapons systems integration; ability to effectively communicate; ability to comprehend and coordinate a large number of complex technical activities. If filled at the DP-3 level, has promotion potential to the DP-4; however, promotion is not guaranteed.

No. 35-020, Interdisciplinary (General/ Mechanical/ Electronics/ Aerospace Engineering/ Physicist/ Mathematician), DP-801/830/850/861/1310/1520-2/3, Code 3566 - Position is located in the Aircraft Integration Branch, EW Avionics Integration and Support Division, Attack Weapons Department. The incumbent will perform as platform project leader with responsibilities for the Harm Weapons System and system interface of associated avionics/EW systems. Develops project work breakdown structures (WBS), detailed work packages, project test plans for lab, bench, ground captive and live firing test. Is responsible for platform test coordination, test execution, documenting test results and

generating status reports for the project assigned. As the principle point of contact for the project, he/she coordinates tasks in a matrix organization with sponsors, external government agencies and contractor personnel. Some travel required. **Job Relevant Criteria:** The incumbent must have engineering experience in one of the following areas: Air launched Missile Systems, Airborne EW Systems, or Aircraft Avionics systems; ability to develop project packages utilizing the following standards: MIL-STD 881 work breakdown structure (WBS), MIL-STD 1553 multiplex bus interface standards, MIL-STD-16792167 software development standards; ability to plan, organize, and coordinate technical tasks; ability to communicate orally and in writing. Promotion Potential DP-3. Status eligibles may apply.

No. 35-025, Interdisciplinary (General/ Electronics/ Aerospace Engineer/Physicist), DP-801/855/861/1310-2/3, Code 3572 - Positions of a Project Engineer and a Systems Analyst are vacant in the Inertial Development Branch, Advanced System Division, Attack Weapons Department. The incumbents will be involved in the test, analysis, and evaluation of inertial sensors and inertial systems. Additionally, incumbents will participate in the functional integration of inertial systems with navigation aids, such as the Global Positioning System. **Job Relevant Criteria:** Knowledge of inertial guidance fundamentals; knowledge of hardware and software fundamentals of missile-borne computers; ability to establish and maintain effective relationships within the Branch, project teams, and with industry; ability to communicate effectively orally; ability to communicate in writing. Promotion potential DP-3.

No. 35-026, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace Engineer), DP-801/830/850/855/861- 2/3, Code 3571 - This position is that of Systems Engineer for the Recoverable Test Vehicle project located in the Systems Development Branch, Advanced Systems Division, Attack Weapons Department. The incumbent provides overall technical direction/coordination of a multi-disciplined group of engineers and technicians for development, test, evaluation, and operation of a complex test vehicle. The incumbent will report to the Recoverable Test Vehicle Project Manager. Technical involvement with the contractors, sponsors, and other government facilities is required. **Job Relevant Criteria:** Ability to direct and coordinate the technical, fiscal, and scheduling aspects of a project; knowledge of development, documentation, inspection, environmental qualification, test and evaluation is required; knowledge of product assurance, configuration management, and contract practices and procedures is required; ability to communicate orally; ability to communicate in writing. Promotion potential DP-3.

No. 36-160, Supervisory Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/Industrial Engineer/ Physicist/ Mathematician), DP-801/830/850/855/861/896/1310/1520 -3/4, Code 36A1 - The incumbent will act as the Production Manager of the Sidewinder AIM-9 missile. The incumbent is responsible for the conduct of all NWC production support technical activity, coordination of budgets and technical efforts of various NWC Branches including design engineering, quality, reliability, soldering, documentation, etc. and liaison with technical management elements of NAVAIR, Navy field activities and Sidewinder production contractors. **Job Relevant Criteria:** Knowledge of missile component technology; knowledge of missile production program activities; knowledge of and a willingness to support NWC EEO program goals and objectives; ability to plan, organize and direct the work of a complex technical/service organization; ability to supervise. The incumbent may be required to serve a one-year supervisory probationary period.

No. 36-162, Interdisciplinary (General/ Electronics/ Electrical/ Mechanical Engineer/Physicist), DP-801/855/830/850/1310 -3, Code 36A4 - This position is that of Associate Technical Manager for Production Support of Components, STANDARD Missile, Engineering Department. The STANDARD Missile Technical Office is the single point of contact for STANDARD Missile Program Activity at NWC. As such, it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. The Associate Technical Manager will provide technical direction on ordnance component production issues and coordinate Center activities with other members of the STANDARD Missile community. **Job Relevant Criteria:** Knowledge of guided missile and missile subsystem concepts and the design/development/production process is important; knowledge of ordnance and electromechanical components is desirable but not mandatory; knowledge of NWC/DoD acquisition requirements and program development guidelines; ability to interface with management, contractors, NWC, and other Navy activities personnel; ability to effectively plan, monitor, and coordinate the work of several separate production activities; ability to apply product assurance disciplines; ability to give oral presentations and prepare written communication. Promotion potential DP-3. 11-4-88 to 11-11-88.

No. 36-163, Engineering/Electronic Technician, DT-802/856-3, Code 36A4 - This position is that of Associate Technical Manager for Production Support of Components, STANDARD Missile, Engineering Department. The STANDARD Missile Technical Office is the

field activities and contractor personnel. The position will require a willingness to travel, sometimes extensively. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4.

No. 36-161, Supervisory Interdisciplinary (General/Electrical/ Electronics/ Industrial/ Aerospace/ Mechanical Engineer), DP-801/830/850/855/861/896 -4, Code 3601 - This position is that of Associate Department Head, Engineering Department. The mission of this department is to transition systems from development into production and the Fleet, and to manage assigned programs. The primary purpose of this position is to assist the Department Head in carrying out this mission. Emphasis will be to ensure that weapons programs on Center, which are intended for service use, properly encompass areas of production engineering, reliability, maintainability, quality assurance, system safety, environmental and materials engineering, integrated logistics support, procurement planning and configuration and data management. This responsibility is carried out by coordinating and overseeing the work of engineers, technicians and specialists in the above related fields. The incumbent assumes full authority during absences of the Department Head. The incumbent functions as a full deputy to the Department Head in the managing of this highly complex department. **Job Relevant Criteria:** Knowledge of the following disciplines: production engineering, production process, technical data (drawings, specifications, manuals, etc.), logistics, inservice engineering, environmental engineering, materials engineering, product assurance, quality assurance, reliability, system safety, metrology; knowledge of the DoD acquisition process and how it is implemented at the Naval Weapons Center; knowledge of contract preparation and administration; knowledge of program management; knowledge of and a willingness to support NWC EEO program goals and objectives; ability to plan, organize and direct the work of a complex technical/service organization; ability to supervise. The incumbent may be required to serve a one-year supervisory probationary period.

No. 36-162, Interdisciplinary (General/ Electronics/ Electrical/ Mechanical Engineer/Physicist), DP-801/855/830/850/1310 -3, Code 36A4 - This position is that of Associate Technical Manager for Production Support of Components, STANDARD Missile, Engineering Department. The STANDARD Missile Technical Office is the single point of contact for STANDARD Missile Program Activity at NWC. As such, it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. The Associate Technical Manager will provide technical direction on ordnance component production issues and coordinate Center activities with other members of the STANDARD Missile community. **Job Relevant Criteria:** Knowledge of guided missile and missile subsystem concepts and the design/development/production process is important; knowledge of ordnance and electromechanical components is desirable but not mandatory; knowledge of NWC/DoD acquisition requirements and program development guidelines; ability to interface with management, contractors, NWC, and other Navy activities personnel; ability to effectively plan, monitor, and coordinate the work of several separate production activities; ability to apply product assurance disciplines; ability to give oral presentations and prepare written communication. Promotion potential DP-3. 11-4-88 to 11-11-88.

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(Continued on Page 18)



NEW CRAY—Blaine Manson signs the contract to buy a Cray Research Inc. supercomputer. Looking on are Jack VanWieren, Bruce Bonbright, Karen Lindblom, Mona Haug, (all of NWC) and Cray representatives Bill Kritlow and Tim Frush.

Cray supercomputer purchased by Center

On Monday, October 31, the Naval Weapons Center signed a contract with Cray Research, Inc. to purchase a Cray X-MP/116 EA supercomputer.

The Center's Cray will have a single CPU (field upgradable to two CPUs) and 16 million 64 bit words of primary memory. A solid state storage device offering 32 million words of fast secondary memory with a transfer rate of 1 Gbyte/sec will serve as an extension of primary memory and dramatically

compressed index vector instructions.

The Cray EA also represents the successful blending of 2500-macrocell arrays with 16-gate array technology, resulting in reduced component count, higher overall component integration, and improved reliability. This UNIX-based machine will have an automatic vectorizing Fortran, C and Pascal compilers, extensive library routines, debugging and performance tuning aids, a Cray

New supercomputer features more memory, faster processing and improved reliability

improve performance in I/O bound problems. The EA (Extended Architecture) series, the latest Cray product, is based on Y-MP architecture and builds upon the field-proven X-MP series. The EA features far more primary memory than the older X-MP and can be upgraded to 64 million words. This new machine implements both the Cray Y-MP and X-MP instruction sets, allowing users to run programs developed for either system. The system incorporates the best features of the Cray X-MP systems, including fast long and short vector processing, high performance I/O, gather/scatter and

assembler and an Ada compiler. Initial third-party software planned includes NAG, IMSL, ABAQUS, NASTRAN, DISSPLA and PDA/PATRAN.

Complementing the computational power of the system is Cray's highest capacity disk system, the DS-40 which will initially provide 10.4 Gbytes of storage (with options for doubling this amount) and offer sustained transfer rates of up to 9.6 Mbytes/sec. The system will also feature the HSX-1 high-speed external communications channel providing full duplex point-to-point communications at 100 Mbytes per second.

An important feature of the NWC supercomputer will be the capability to run in both unclassified and classified processing modes.

The Cray will be located in the Computer Wing of Michelson Laboratory and should be ready for use in early April, 1989. The Cray can be accessed via the Code 27 Science and Engineering Facility's (SEF) VAXs or minisupercomputers, or via any workstation or minicomputer on NWC Net running TCP/IP. For additional information, contact Bruce Bonbright or Jack Van Wieren of the Information Systems Group.

NWC Chapel hosts seminar

"Building a Healthy Self-Concept," a six week seminar, will be presented at the Contemporary Worship Service meeting in Chapel Annex 4 (Blandy and Lauritsen) every Sunday from Nov. 6 through Dec. 11 from 9 to 10 a.m. "Building a Healthy Self-Concept" is a video series produced by Christian psychiatrists Paul Meier and Frank Minirth.

The seminar is sponsored by the All Faith Chapel, Protestant congregation. For more information, please call Eleanor Hartwig, NWC ext. 2873, or Chaplain Beede, NWC ext. 2851.



VISITORS—42 Tri-City Council members of the Navy League of the United States visited the Naval Weapons Center last week. Included were former NWC technical director H.G. (Hack) Wilson, his wife Jane; and Capt. Fred Chenault, USN (Ret.), former head of the Engineering Department, (aisle seat second row) and his wife Katie.

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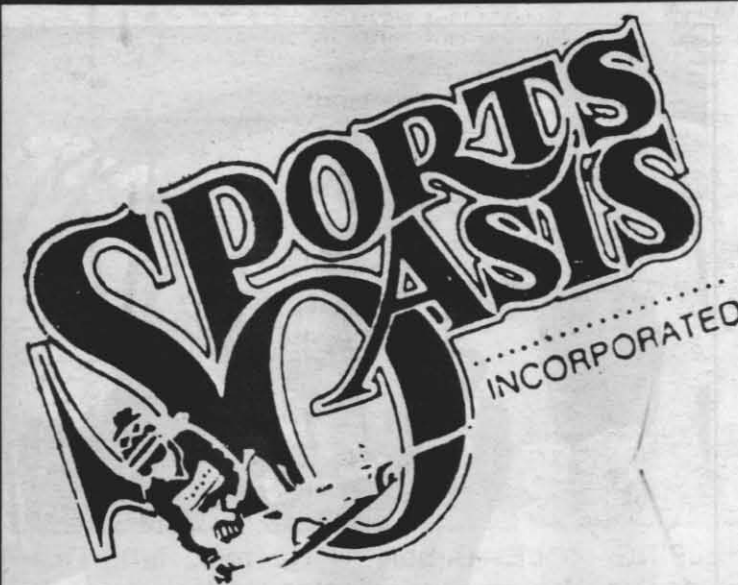
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November 11 recognizes gratitude to veterans

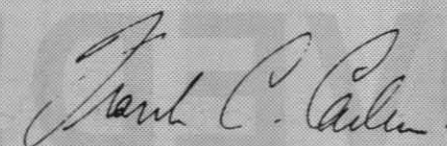
Veterans Day is a special time. As Americans gather at cemeteries and memorials throughout this great land, we are reminded that fundamentally we are a family. We pause this day to reflect on the love and commitment of nearly 40 million living veterans who have served that family. We acknowledge that none have given fuller expression to that love than those who have died or been disabled in defense of our nation.

We demonstrate today through our ceremonies and in our private thoughts and prayers America's lasting gratitude and admiration for those who have allowed us to prosper in peace and freedom. We reflect that such blessings are not universally enjoyed; that tyranny, aggression, and cruel terrorism chal-

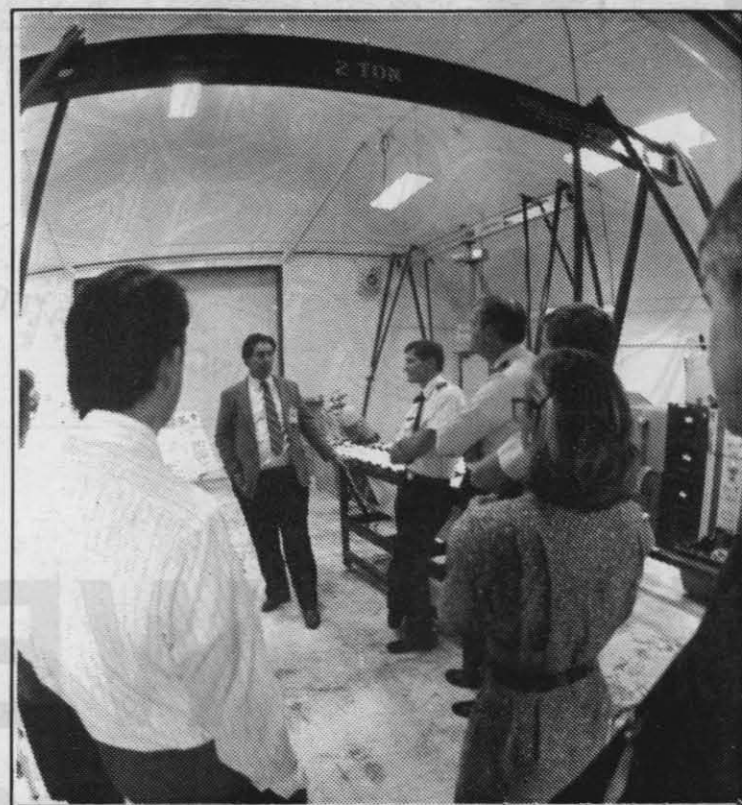
lenge what so many Americans have fought and died to protect.

We honor our veterans in a manner that befits the American family. Our nation might have chosen the anniversary of a great battle. Instead, we chose the anniversary of a great silence; the eleventh hour of the eleventh day of the eleventh month when the guns of World War I at last were still. We celebrate not war, but the end of war. We are a people of peace.

As we look with hope toward the day when the guns are forever silent, let us once again express appreciation to those whose splendid heritage lives on in a new generation of servicemen and women who have taken their places on the battlements of American freedom.



Frank C. Carlucci
Secretary of Defense



RTV BRIEF—Terry Rogers of the Recoverable Test Vehicle (RTV) Project Office in the Attack Weapons Department explains the project to visitors from Eglin Air Force Base. The Air Force visitors were at the Naval Weapons Center for Technical Oversight meetings.

Technical Societies at China Lake

AIAA meeting set
On Tues., Nov. 15, the American Institute of Aeronautics and Astronautics will host a video luncheon from 11:30 to 12:30 in the Drydock Room of the Enlisted Mess.

This month's theme is SPACE, and will include the era from Goddard to Armstrong. Footage will be shown of the V1, V2, Sputnik, X-15, Explorer I, Vostok, Mercury, Gemini and Apollo programs.

FRA meeting

On Monday, Nov. 7, Branch 95 of the Fleet Reserve Association (FRA) will hold its monthly General Assembly in the new FRA building at 831 Lauritsen. The meeting will begin at 7:30 p.m.

Members, guests and people interested in the FRA are welcome and urged to attend the meeting.

Budget aid

Take charge, don't overcharge! Plan your personal finances with the self-help budget planner "Be Money Wise" from your Navy Relief Society.

Womens Executive Leadership nominees sought

Focusing on career enhancement, rather than advancement, the Women's Executive Leadership (WEL) Program is a year-long program of supervisory and managerial training and developmental experiences that the Office of Personnel Management (OPM) provides for high-potential women and men to help them become optimally equipped for future opportunities as federal supervisors and managers. In keeping with OPM's executive development philosophy, the program covers four of the six executive competencies needed by supervisors, managers and executives for successful job performance: direc-

tion and guidance of programs, projects and policy development; resource acquisition and administration; utilization of human resources; and review of implementation and results.

For Fiscal Year (FY) 1989, the target audience is non-supervisory women and men at the level of GS-11 and GS-12 (DA/DS/DT-3 and DP-3 below the mid-point), Supervisory GS-11s and GS-12s will be accepted who have a maximum of one year's experience. The program does not enroll GS-13s.

The program components provide formal and informal training and developmental experiences that

require participants to be away from their positions of record for a total of four months and one and a half weeks. Additional work time is needed for negotiating some of these activities and for meeting certain other requirements that can only be accomplished during regular working hours. It is critical potential applicants and first-line supervisor (supervisor of record) consider these facts before a nomination.

Orientation. A 5-day orientation in Washington, D.C.

Individual Needs Assessment. During orientation, each participant and the supervisor will take the Management Excellence Inventory (MEI).

Public Managers Workshop. This four-day residential training program is designed to clarify the roles of federal managers.

Individual Development Plan (IDP). Serves as their unique "blueprint" for the year-long developmental program.

Core Training. OPM will design a course of two consecutive weeks of management training.

Rotational Work Assignments. Each participant will be required to complete a 60-day (calendar) and a 30-day assignment outside the current position of record, to provide breadth of work experience.

Team Participation. Each participant is assigned to a small group of individuals who will interact closely throughout the program year.

Shadowing Assignment. A one-week shadowing assignment to gain exposure to managerial excellence through "shadowing" a federal manager at the GS-13 level or above.

Executive Interview. Interview (Continued on Page 15)

Youth Soccer League

(Continued from Page 14)

Edwards, Kyle Goodheart and Mathew Combs, the Cobras couldn't score.

Express 1, Apollos 0

In a fast action-packed game, Sam Elson came through for the victors with a goal. Frits Van Der Hoek, Amber Agee and Justin Robbins kept the Apollos on their toes. James Tam, Gary Bundy, Jonathan Boyssa and David Turner made the Express work for their win.

Eagles 2, Owls 0

Plays by Jacob Chastain, Billy Wright and Clifton Whitehurst weren't enough for the Owls. The Eagles did not turn in a score sheet.

Division II

Cougars 2, Roughnecks 0

Matt Wilson displayed excellent soccer skills this week, leading to his first goal. Excellent defense by Bobby Dawson and Keith Burley, and another goal by Jaime Rugg secured the win. Two attempts at goal by Josh Roberts, key saves by Nathan Mickelsen and good efforts by Beth Behr and Jolie Ann Robison couldn't stop the Cougars.

Jets 3, Rockets 0

Not only did Peter Greedy, David McCulley and Mark Kuz have goals for the Jets, but Justin Agee and Chris Peters had several attempts at goal. According to the coach, all the Rockets played well and had good passing, but Jamie Critchfield, Paul Hauger, Justin Weidenkopf, Gary Hobson and Andrea Falk played exceptionally well.

Diplomats 3, Whitecaps 3

In a very close and exciting game, key plays by James Ferguson, Christy Self, Shane Summers, Sean Glasco and Dennis Tankersley kept the Whitecaps from overcoming the Diplomats. Diplomats' goals were made by Kevin Byrne and Jonathan Ford. Mark Ogren, Brad Simmons and Anastasia Wunderlich kept the Diplomats on their toes. Whitecaps' goals were made by Pat Ross, who made two goals, and Scott Sievert.

Sounders 7, Bullets 0

Tim Emerson played his best game as forward for the Sounders and was credited with one assist. Salvador Rameriz led the game with four goals. Other goals were made by Andy Dubois, Chris Branson and Melanie Westberry. Mark Schramm and Michael Hudson were credited with valiant efforts against the Sounders.

Division III

Earthquakes 3, Drillers 1

Aggressive, heads-up plays by Jesse Owen, Tony Prachia and Chris Potten contributed to the win. Mitchell Tims and Keith Parris booted in the goals for the Earthquakes. Parker Flagg and Holly Stabb played well defensively, James Powers had excellent hustle and Kyle Gentry made some key goal saves in the loss. Melissa Murphy was slammed in the only goal for the Drillers.

Soccers 3, Strikers 2

Despite being three players short, the Soccers triumphed due to plays by Philip Nave and Frank Gambel and goals by Roby Tomlinson, Tra-

vis Caddell and Aaron Knecht. The strong defense of Scott Fuller and Luke Woydziak couldn't keep the Soccers from making their win. Jeff Caruso and Glenn Conrad scored the goals for the Strikers.

Goal Busters 3, Stings 1

Goals by Greg Greedy, who knocked in two, and Bill Yeager, and plays by Jimmy Adam and Eric Sievert helped the Goal Busters to victory. Cherish Norton, Eric Hines,

Tim Clark and Caleb Moore slowed the Goal Busters, but couldn't stop them. Jonathan Mickelsen made the Stings' only goal.

Soccers 3, Strikers 2

A strong defense and a good passing game helped the Soccers to win. Goals by Robby Thomlinson (2) and Aaron Knecht, and good plays by Frank Gamble and Travis Caddell put the Soccers on top. The Strikers did not turn in a score sheet.

WEL nominations solicited at NWC

(Continued from Page 10)

three federal officials. A written report to OPM is required.

Management Reading. Participants will read three books on management issues. A written report to OPM is required.

Program Impact Paper. OPM requires each WEL program participant to submit an impact paper at the end of the program year to the first-line supervisor with a copy to OPM.

Program Closeout. A two and a half day closeout will be held at the end of the year for program evaluation.

Employees may obtain more information from their department office; Bill Bethke, NWC ext. 2349; or Ann Kurotori, NWC ext. 2348.

Applications must be submitted to the Training Center, Room 212, by no later than 11:30 a.m. on Nov. 14.

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Nellis AFB resident wins triathlon

Ned McDevitt, a competitor from Nellis Air Force Base, was overall winner in the 1988 NWC Mini Triathlon with a time of 1:48:13 while Joe Weston, a Lieutenant at VX-5, came in second with a time of 1:53:01.

Other top finishers in the sporting event were Bill Wilson, Men's Senior Division; Laurie Everett, Women's Open Division; Carol Burge, Women's Senior Division; Nagy, Klassen and Parkhurst, Men's Team Division; Marilyn Mayer, Terri Weston and Tannis Herr, Women's Team Division; and Robert Glenn, Henry Bednarski and Laurie Zellmer, Mixed Teams Division.

While three other people beat McDevitt's time of 1:39:03 in the swimming portion of the triathlon, McDevitt had the fastest time, 1:09:29, at the end of the bicycle part of the competition. Joe Weston barely beat Rick Mattson, Nellis AFB, for second place. Mattson, who had a swim time of 11:59 (the fastest among all competitors), was ahead of Weston by one minute and fifteen seconds at the end of the bike race; however, Weston pulled ahead in the 10K run to finish just one minute and 41 seconds ahead of Mattson.

In the Men's Senior Division, Wilson came in six minutes and 36 seconds ahead of second place finisher Pierre Pastor. Pastor and Dennis Fletcher, third place finisher, both beat Wilson in the swimming competition. Wilson, however, made up time in the bicycle race, leading with a time of 1:20:00. Fletcher was in a close second with a time of 1:22:20 and Pastor was on their heels with a time of 1:23:01. Once again the 10K run decided who came in second and third place. Pastor's final time was 2:06:43 and Fletcher's final time was 2:07:54.

Everett, a contender from Azusa, Calif., was in fourth place in the Women's Open Division at the end of the swimming competition. By the end of the bicycle competition, Everett had moved into first place with a time of 1:38:02, closely fol-



lowed by Nancy McCrary with 1:39:04 and Dawn Saidat with 1:49:16. The three finished the triathlon with respective times of 2:41:27, 2:43:58, and 2:48:32.

There were only two competitors who finished in the Women's Senior Division. Carol Burge finished first with times of 26:06 (swimming),

2:01:18 (bicycling) and 3:02:48 (running). Sandra Fryer finished with times of 27:26, 2:00:10, and 3:26:55.

The team of Nagy, Klassen and Parkhurst stayed in the lead from start to finish. Their competition times were 13:13 (swimming), 1:16:20 (bicycling), and 1:57:51 (running). Third place finishers Haines, Burr and Scanlon beat the second place finishers Mayer, Everett and McClellan in the swimming competition by a minute and 33 seconds, however Everett made up time in the bicycle race and put his team ahead by five minutes and 39 seconds. McClellan cinched the second place win with a finishing time of 2:07:00. The third place team finished the entire race in two hours, 15 minutes and 25 seconds.

Only two teams competed in the Women's Team Division. Mayer put her team in the lead during the swimming competition with a time of

22:53, however, the second place finishers took the lead from Weston in the bicycle race. Herr rallied in the 10K run, though, and the team finished in first place with a time of 2:35:25. The second place team of Wasserman and Pallas finished with a time of 2:40:24.

In the Mixed Teams Division, the fourth place team of Burge, Burge and Burnett stroked out into the lead during the swimming competition with a time of 13:28, beating the first place finishers' time of 14:56 and the second place finishers' time of 14:30. The team of Hennigan, Sakai and Burge (second place finishers), however, pulled ahead in the bike race, barely beating the first place team of Glenn, Bednarski and Zellmer with a time of 1:18:36 against the time of 1:18:49. Zellmer pulled it out though during the 10K run, finishing with a time of 1:56:01. The second place team finished with a time of 2:07:56 and the third place team finished with a time of 2:10:33.



Other finishers, in order, of the Men's Open Division were Bryan Ogilvie, Steve Moll, Steve Bridges, Wilbur Graves, Eric Holtrap, Mark Pohl, R.M. Manski, Jimmy Kight, Andy Ziemer, Scott Hubbard, Dave Hamei, Jeff Hanson, Juan Gallenger, Bill Boland, Todd Anderson, Stan Reed, Grant Bechler, Richard Lueking, Keith Courtland, Ken Pon, John Heard, Michael Eddy, Bill Ledden, Gene Sagi, Edward McCool Jr., Greg Rash, Aaron Smith, Jim LeBlanc,

Kevin Haines, Steven Eaton, Richard Dolan, Edgardo Pinaroc and Jim Winkler.

The other finishers in the Men's Senior Division were Ron Ogilvie, Bill Bailey, Joe Oliver, Warner Huebner, Frank Buffum, Ken Greenspun and P.J. Smith.

The Women's Open Division finishers from fourth place on were Dana Alloway, B.J. Holden, Alison Soderberg and Sally Mann.

The fourth, fifth and sixth place finishers in the Men's Team Division were the teams of Sliva, Clark and Kato; Pauley, Rios and Ayers; and Patterson, Katzenstein and Kato. The Mixed Teams Division's fourth and fifth place finishers were the teams of Burge, Burge and Burnett; and Kristen, Carter and McCrary.

"I want to thank all the competitors and the many, many people who volunteered to help with this event," said Mike Slobodnik, athletic director of the Sports Branch, Morale, Welfare & Recreation Division. "I would, however, especially like to recognize the work of the volunteers. Without their help, the triathlon could not have run as efficiently as it did. Thanks to all who helped, especially the people who went beyond the call of duty like the First Aid Team of David Jenkins, Dick Rivers and Mike Cooper; the swimming chairman, Luke Crews; the run chairman, Diane Lucas; and the bicycle chairman, Pete Wiley. I also appreciated the help we received from the NWC Fire Division and personnel from the Branch Medical Clinic, all coordinated by Bob Matson," noted Slobodnik. "While there are too many volunteers to all mention by name, the Sports Branch offers a sincere 'thank you' to all who made the 1988 Mini Triathlon possible," he concluded.

Fury loses to Whitecaps

Fantastic defensive moves by Joshua Benson prevented the Fury from scoring more than two goals in the Division IV game between the Whitecaps and Fury during the Youth Soccer League competition last week. The Whitecaps triumphed over the Fury eight to two. James Ball led his team with four successful shots at goal, Elliott Borden booted in two goals and Kevin Self and Greg Solen each added one point to the winner's score. Hugo Montes and Tommy Foisey each knocked in a goal for the losing team. Lisa Le Norton played well defensively, but couldn't stop the Whitecaps.

Division I Coyotes 2, Cobras 0 Good moves by Zach Woydziack and two goals by Darren Hedge cinched the win for the Coyotes. Despite vigorous plays by Kelley Gartner, Quinn (Continued on Page 15)

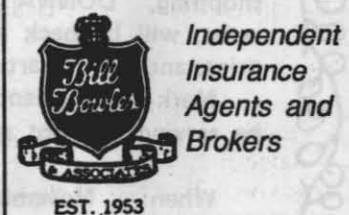
China Lake's team on top

For the first time in quite awhile, the China Lake Men's Club Golf Team defeated the Stockdale Country Club Golf Team in their annual home and home match. The low gross score went to Curt Bryan and Jim Kinchelo with a score of 76. "Closest to the pin" prizes went to Bryan and Fred Lentz.

The golfing event is held in Bakersfield every spring and in China Lake every fall.

Twenty-three players from each club participated in the match. Points were awarded in each foursome on a best ball of partners basis, three points possible in each group — one for the front nine, one for the back nine and one for the eighteen hole match.

The players from both sides went to the Carriage Inn for the Awards Banquet following the event. The Tournament is run in coordination with the Military Affairs Committee.



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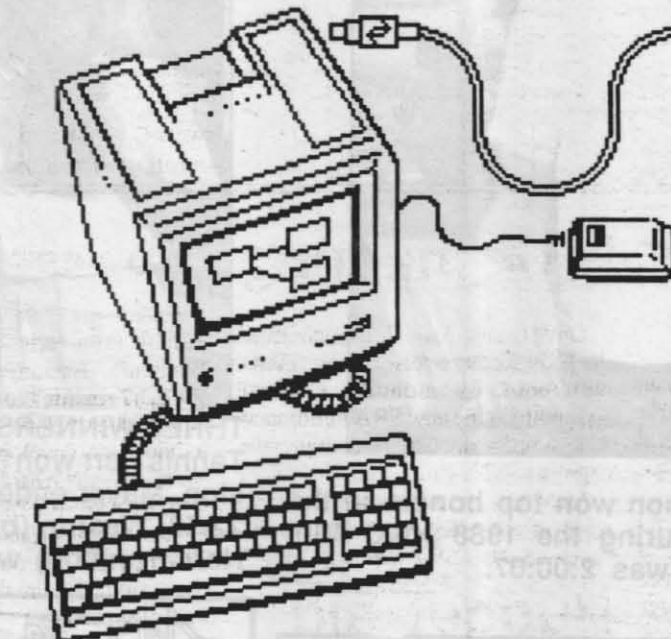
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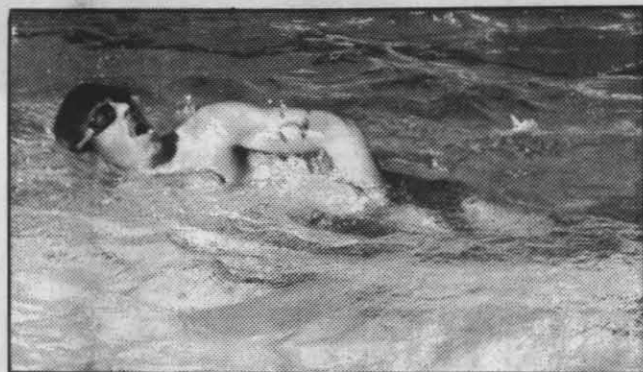


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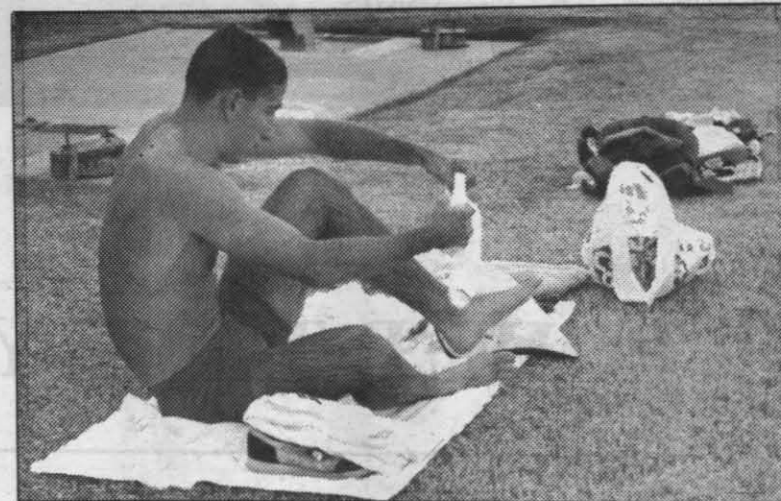
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GIVING HIS BEST — Michael Eddy does just that as he competes in the swimming portion of the 1988 NWC Mini Triathlon. Eddy finished the triathlon with a time of 2:21:59.



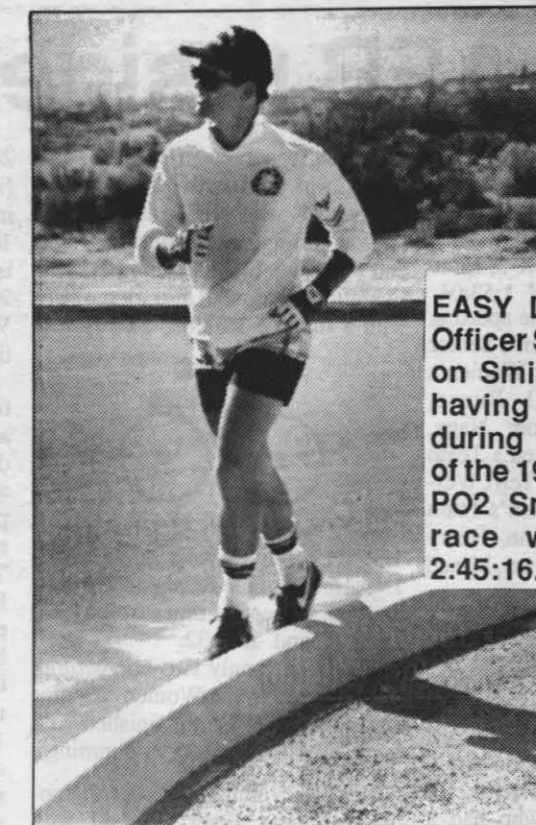
GETTING READY — Joe Weston, second place finisher in the Men's Open Division, rushes to prepare for the next event, the bicycle race, after finishing the swimming portion in 14 minutes and 55 seconds.



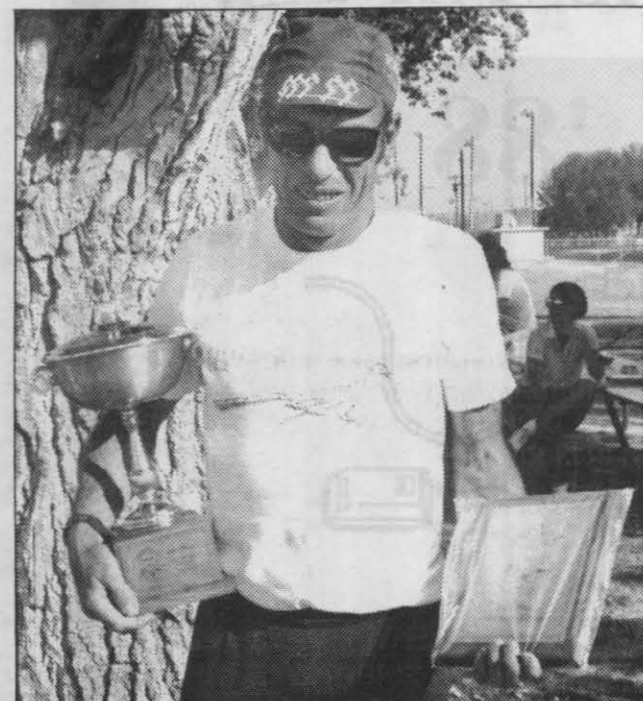
RACING THE CLOCK — R. M. (Dick) Manski is racing the clock as he hurries to grab his bike to start the bicycling part of the competition. Manski finished the complete race in two hours, ten minutes and three seconds.



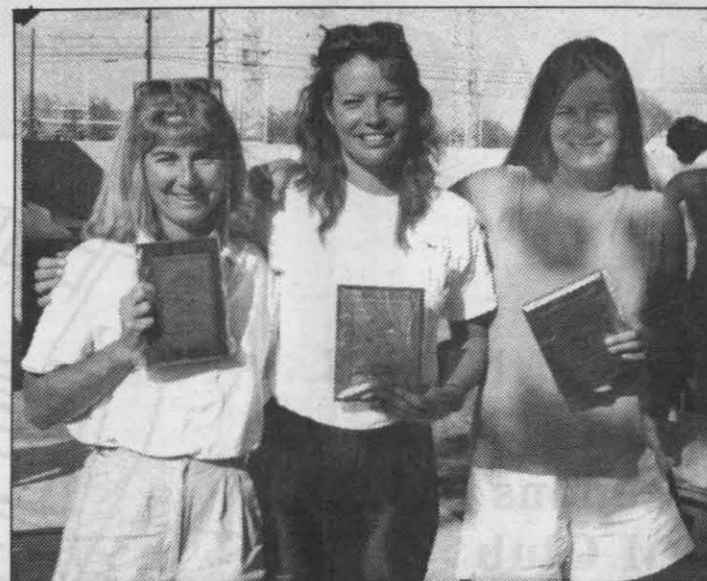
OFF HE GOES — Lieutenant Win Everett, VX-5, jumps on his bike while on the go as he takes part in the bicycling competition of the triathlon. Everett and the rest of his team, George Mayer and Scott McClellan, finished second in the Men's Team Division with a score of 2:07:00.



EASY DOES IT — Petty Officer Second Class Aaron Smith looks like he's having a leisure stroll during the 10-K run part of the 1988 Mini Triathlon. PO2 Smith finished the race with a time of 2:45:16.



FIRST PLACE — Bill Wilson won top honors in the Men's Senior Division during the 1988 NWC Mini Triathlon. His total time was 2:00:07.



THREE WINNERS — Marilyn Mayer, Terri Weston and Tannis Herr won first place in the Women's Team Division. Mayer ended the swimming part with a time of 22:53, Weston (bicycling) with a time of 1:42:00 and Herr (running) with a time of 2:35:25.



TAKING IT EASY — Participants of the recently held 1988 NWC Mini Triathlon take it easy in the park at the Top Four Club after the race while waiting for the awards ceremony to begin.

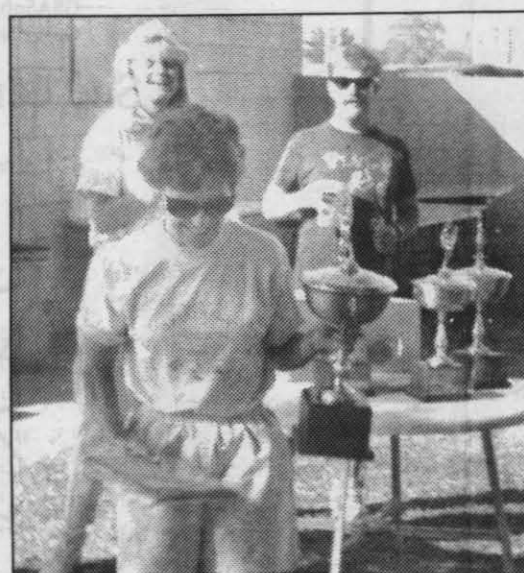
Photos by Karen and Win Everett, Calvin Gilbert and Steve Boster

See story on Page 14

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THE SPOILS OF VICTORY — Carol Burge, first place winner in the Women's Senior Division, picks up her plaque and trophy during the awards ceremony. Michelle Martin and Doug Bethke, NWC Sports Branch workers, assisted in handing out the trophies.

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