



**KNOWLEDGEABLE** — Graduates of the recently completed Navy Relief Society class are joined by Capt. Marty Phillips (upper left), Skipper of Air Test and Evaluation Squadron Five, and Capt. Paul

Stephenson (upper right), the Center's Chief Staff Officer, who presented certificates to the class members.

## Navy Relief Society class graduates

A simple graduation ceremony was held recently at the Commissioned Officers' Mess for those who successfully completed the Navy Relief Society course taught by Joyce Dinnage, Executive Director from the Long Beach Navy Relief Society.

Certificates were presented to class members by Capt. Paul Stephenson, NWC Chief Staff Officer, and Capt. Marty

Phillips, Commanding Officer of Air Test and Evaluation Squadron Five.

Those receiving certificates were Eva Burns, Evelyn Callaway, Sarah Clinkscales, Marinda Farrell, Polly Ferraro, Lynn Fry, Sandra Hall, Caroline Hunsicker, Christine Johnson, Laree Jones, Janet Kaskella, Paula Maholchic, Michelle Pearson, Michelle Phillips, Renee Phillips,

Linda Pictranczyk, Linda Pilkington, Annie Powers, Dianna Rae Smith, Jean Spies, and Rebecca Traxler.

Class members comprised all elements of the population: they were dependents of both active duty and retired military, were active duty military themselves, and were civilians who were not military dependents.

## Color coordination, fashion show topics of network meeting

Beauty for All Seasons presents Jo Richey, Independent Color Consultant and Director, at the November meeting of the East Sierra Careerwomen's Network. The dinner meeting on Wednesday, Nov. 20, is open to all prospective members as well as those who are already members of ESCN.

In addition to Mrs. Richey's presentation on "The Right Color Makes a Difference," there'll be a holiday fashion show, with organization members modeling clothes from Main Street and McNeil's Fashions.

The meeting will be held at LeParc Restaurant at Heritage Square in Ridgecrest. A networking hour at 6 p.m. precedes dinner at 7. Dinner for the meeting will be beef bourguignon, dessert, and coffee or tea.

Prepaid reservations are required. These can be made by sending a check for \$8.50 (which covers cost of dinner, tax and tip) to ESCN, 429 Tepatitlan Court, Ridgecrest, CA 93555. Tickets may also be purchased at the Ridgecrest Chamber of Commerce, 303 South China Lake Boulevard.

## Special tours set at Scotty's Castle

As a special feature of the Death Valley '9ers Encampment over this holiday weekend, half-hour tours of Scotty's Castle will be offered at a special rate.

The tours, which will be held at half-hour intervals from 9 a.m. to 5 p.m. today through Sunday, will cost \$2 for general admission, \$1 for children age 6 through 11 and senior citizens, and children 5 and under will be admitted free.

Scotty's Castle is located at the northern end of Death Valley, and can be reached by taking Highway 267 north in Death Valley National Monument.

## Gate closed tomorrow

The Richmond Road gate will be closed from 8 to 10 a.m. tomorrow.

## Movies

FRIDAY, MONDAY	"D.A.R.Y.L." NOV. 8, 11
	Starring Mary Beth Hurt and Michael McKean (Science-Drama, Rated PG, 99 min.)
SATURDAY	"MARIA'S LOVERS" NOV. 9
	Starring Robert Mitchum and Keith Carradine (Romantic-Drama, Rated R, 109 min.)
SUNDAY	"SNOW WHITE & THE SEVEN DWARFS" NOV. 10
	(Animation, Rated G, 83 min.)
WEDNESDAY	"THE COCA COLA KID" NOV. 13
	Starring Eric Robert and Greta Scacchi (Comedy, Rated R, 97 min.)
FRIDAY	"GOONIES" NOV. 15
	Starring Sean Astin and Josh Brolin (Comedy/Adventure, Rated PG, 114 min.)

## Water to be off as water system being repaired in housing

Repairs are underway on the Center's water distribution systems. Water valves will be repaired or replaced as necessary.

Center residents may have their water supply interrupted when the valves servicing their homes are repaired. No one will be without water for more than 8 hours, and Housing Division personnel will try to notify residents before their water will be shut off. In some cases, water pressure will only be reduced.

These repairs will create inconvenience for each household, but the repairs are badly needed and all will benefit when the project is completed.

## Jim Dandies slate '50's' square dance

The Jim Dandies Square Dance Club will host a "50's" Square Dance tomorrow evening from 8 to 10:30 at the Senior Citizen's Center, 125 S. Warner St. All dancers are welcome and are encouraged to dress for the "50's". Jim Brown will call the squares and Chuck Ball will cue the rounds.

For additional information contact Dale or Gloria Randle at 375-7934.

## Barber shop closed

The barber shop at Bennington Plaza will be closed tomorrow, but will reopen for business as usual on Tuesday, Nov. 12.



	Max	Min	Peak gust
Fri.	78	39	14 knots
Sat.	80	38	12 knots
Sun.	85	40	8 knots
Mon.	79	46	16 knots
Tues.	80	44	13 knots
Wed.	79	39	12 knots
Thurs.	82	38	24 knots

All measurements are made at Armitage Airfield.

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# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL, No. 45 / November 8, 1985

## Burst from 25mm gun re-dedicates ballistics lab

An unusual ribbon-cutting and firing heralded a re-dedication of the upgraded Gun Ballistics Laboratory at the China Lake Propulsion Laboratories last Tuesday morning.

The ribbon was cut by a short burst from a 25mm gun at the outdoor test range for automatic aircraft cannon. This new autogun range is about 220 feet long and can be used for firing ammunition equipped with target practice, high explosive or armor-penetrating projectiles.

Firing the gun to cut the ribbon was Gerry Schiefer, Laboratory Director, who was joined by other Center top management and by personnel of the Ordnance Systems Department in touring the building and autogun range.

The Gun Ballistics Laboratory, located near B Mountain in Building 52, was designed and built to provide a facility for research, development and in-service testing of aircraft guns, small rocket motors, gas generators, and other energetic devices.

Building 52 originally housed propellant preparation facilities for the 18-inch extrusion press. In the early 1960s, Herbert Ross and Al Boyack moved into the facility to test experimental small arms. Bob Gould took over the facility in 1968 for testing the liquid propellant gun and began the gradual upgrade to the currently well-instrumented, sophisticated laboratory now in use.

Facilities in the building include two tunnels — one 7 feet wide by 200 feet long, and the other 4 1/2 feet wide by 200 feet long, that are used for single shot tests. Instrumentation measures gas pressure and other necessary parameters for test rounds fired. High speed cameras can record each

test — cameras so fast that shock waves can be seen and that fragments of projectiles can be tracked as they break apart.

Closed circuit television permits watching all tests in both tunnels at the outdoor test facility. Instrumentation in the control room is being joined by a Hewlett-

Packard computer that will shortly speed data assessment.

Temperature conditioning chambers and an experimental ammunition handloading bench enhance the capabilities of the facility.

Safety for personnel involved in testing of

guns has been a prime concern. For instance, in addition to the closed circuit television cameras used in tests, an observer's room has been built to permit direct viewing of a gun firing in the autogun range. The observer's room is lined with

(Continued on Page 4)



**INTERESTING DISCUSSION** — Burrell Hays (l.) answers a question posed by Secretary of the Navy John Lehman during one of a series of briefings held last Friday during SECNAV's visit on board. Listening are, (l. to r.) Capt. K. A. Dickerson, NWC Commander; Bill

Boatright, head of the Advanced Weapons Integration Office of the Weapons Department; Gerry Schiefer, NWC Laboratory Director; Secretary Lehman; and Dr. Donald A. Hicks, Under Secretary of Defense Research and Engineering.

## Crawford's ADP effort brings him TD Award

The substantial and sustained contributions made by Jay F. Crawford (Code 31C) to the Center's automatic data processing community resulted in his being presented the Technical Director's Award by Burrell Hays, NWC Technical Director.

Crawford has served as leader and Chairman of the Technical Advisory Committee (TAC) of the ADP Executive Council since TAC was formed in July 1983.

According to Bill Porter, who chairs the ADP Executive Council and who signed the letter nominating Crawford for the award, "His leadership in formulating and implementing TAC policies, his tireless efforts as an analyst/reviewer of many Center ADP projects, and his keen judgment have resulted in the substantial growth, in terms of quality and efficiency, of NWC's ADP programs."

Especially pointed out in the nomination

was Crawford's work with the SEE-IT program; the Code 34 Library System; Code 24's Security and Safety System; Code 26's CERMS program; and the Code 14 communications network. He also has made substantial contributions toward formulation and implementation of ADP policy at NWC, according to the nomination, and served as the Center's representative to the Buffum committee.

The nomination continues that the formulation, implementation, and completion of a major Computer Aided Design/Computer Aided Engineering system pilot program is directly the result of Crawford's activities.

"He developed a process that enabled the many diverse activities to quickly and effectively evaluate a number of state of the art CAD/CAE systems. The net result has

(Continued on Page 7)



**WORK REWARDED** — Burrell Hays, NWC Technical Director, congratulates Jay Crawford on being the latest recipient of the Technical Director's Award. — Photo by PH2 Rick Moore

## Rec Services seeks data with 'leisure needs survey'

More than 2,000 military and civilian employees of the Naval Weapons Center will be asked to complete a "Leisure Needs Survey" by NWC's Recreational Services Department.

Naval Military Personnel Command (NMPC) has mandated the survey which was prepared by NMPC for use at all Navy bases throughout the world. One third of the bases will be surveyed each year and NWC is in the first group to be surveyed.

Employees have been randomly selected

from personnel rosters in order to get a representative sample from the various parts of the NWC community.

In a letter that goes with the survey Capt. K. A. Dickerson, NWC Commander, says the survey will give the Center information needed to provide the best possible range of recreation activities at China Lake.

Results will go to NMPC for analysis, providing data to assist in long-range planning for facilities and programs. Employee participation is vital if the survey results

are to be meaningful. All responses will be strictly anonymous and confidential.

Survey forms will be distributed starting today (Friday) and employees who receive one are asked to complete it and put it in the postage-paid return envelope and just stick it in the mail.

Active duty military personnel, spouses and retirees along with eligible civilian employees will be included in the survey to give a broad picture of recreation needs.

Questions will include how often in-

dividuals use recreation facilities, what types of athletics they take part in, what types of activities they plan in the next year and how recipients rate recreation facilities on Center.

Anyone who receives more than one survey form is asked to return one of them to Code 22.

Participants in the survey will receive a coupon for a free recreational program or service as a token of appreciation for the help provided by filling out the survey.

## Navy Exchange News

Bargain hunters should plan to visit the Navy Exchange retail store on Tuesday for the special Veterans Day sale. (The store will be closed on Monday, although the Mini-mart will be open from 10 a.m. to 7 p.m. on that day.)

A sale of Wedgewood china and crystal continues until Dec. 1, so shoppers will be able to set a sparkling holiday table with their purchases.

The car care sale, which began on Nov. 1, features batteries. Another special car sale with a wider variety of merchandise will be held next Thursday and Friday, Nov. 14 and 15.

And shoppers are reminded that they can use the layaway plan for Christmas toys and gifts, which means they can make their purchases now while selections are at their peak.



Due to the upcoming holiday, the following changes will be made in business' hours of operation:

Auto Hobby Center will be open from 9 a.m. to 4 p.m. on Monday, Nov. 11, Veterans Day, and the Gym will be open from 11 a.m. to 6 p.m. on the same day. Closed for Nov. 11 will be the Commissioned Officers' Mess, Chief Petty Officers' Mess and the Enlisted Mess.

+++  
The Enlisted Mess invites its members and guests to a dinner special of lobster tonight, served from 6 to 9 p.m. Following will be entertainment provided by "Rescue," Top 40 Rock, beginning at 9 and concluding at 1:30 a.m.

The EM also offers its regular Wednesday disco featuring "Upstage," by Steve Malan with a social hour beginning at 4:30 p.m.

+++  
The Chief Petty Officers' Mess will be having its usual Friday special of prime rib for dining pleasure.

+++  
The Commissioned Officers' Mess is open for Sunday Brunch from 9:30 a.m. to 1 p.m. The menu varies from week to week, with the price being \$4.95 for adults and \$3.50 for children under 12. For more information, call 446-2549.

+++  
Playgoers can enjoy the China Lake Players production of "Footlight Frenzy" tonight and tomorrow starting at 7:30 p.m., with curtain time scheduled for the same hours again next Friday and Saturday evenings.

General admission for the comedy production is \$3.50, with students, senior citizens, and enlisted military paying \$2.50 for their tickets. Reservations can be made by telephoning 375-4001.

The play is presented at the Playhouse, located at the corner of Lauritsen Road and Blandy Avenue.

+++  
Anyone interested in strategy and role-playing games can attend the meeting of the Ridgecrest Gaming Club tomorrow (Saturday) at 3 p.m. in the Old County Building on West Ridgecrest Blvd. For more information call Brad or Mark at 446-5066.



## Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m.	(Nursery provided) Sept. through June
Wednesday 11:30 a.m.	Sept. through June
Thursday 7:00 p.m.	Officer's Christian Fellowship
	Christian Military Fellowship
ROMAN CATHOLIC	
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 95)	9 a.m.
Chaplain J. Milton Collins, Capt., CHC, USN	
Chaplain A. J. Smith, Cdr., CHC, USN	
Chaplain Jason E. Knott, LCdr., CHC, USN	
Phone, NWC ext. 3506, 3507	

### Kern County Administrator to speak to ASPA

All local residents are invited to attend an open lunch meeting of the American Society for Public Administration when Ron Holden, Chief Administrative Officer of Kern County, will discuss the future of county government related to the Indian Wells Valley.

The meeting will be held at El Charro Avitia restaurant in Ridgecrest, on Friday,

Nov. 22, starting at 11:30 a.m.

Although those attending can order from the menu, reservations are requested to ensure adequate seating. The reservations should be made by close of business on Wednesday, Nov. 20. They may be made by telephoning Johanna Webster, 375-4833; George Linsteadt, NWC ext. 2305; or Mickey Strang, NWC ext. 3354.

### Commanding Officer of Long Beach Naval Hospital is Navy nurse

Nurses being directed by doctors is common; doctors being directed by a nurse is not. That, however, is the situation at the Long Beach Naval Hospital, where the Commanding Officer is Capt. Mary Hall, U.S. Navy Nurse Corps.

Capt. Hall is, indeed, the second non-traditional Commanding Officer of that facility because her immediate predecessor was a dentist, Capt. M. G. Mowad.

Her background for her job is outstanding. She holds a master's degree in nursing administration from the University of Maryland, and has held increasingly responsible administrative positions during her 27-year Navy career.

Preceding her current assignment, she headed the medical facility at Guantanamo Bay, Cuba. "This was the first time in military service where physicians were provided direction by a nurse," she says. She adds that it's not been a problem because many of the young doctors had

women professors in medical school and, therefore, find no difficulty in dealing with a woman who holds a position of authority.

"My staff is outstanding," Capt. Hall says. "I've an exceptionally capable executive officer (a doctor), and a really fine group of personnel, both military and civilian."

The 1200- to 1300-person staff mans an assortment of facilities. The 220-bed Naval Hospital Long Beach is a general hospital where in-patient census averages 130 to 150 patients. The hospital is noted for its exceptional substance abuse program whose focus has expanded from alcohol and drugs to include such problems as eating disorders.

In addition, Capt. Hall's responsibilities include medical facilities at El Toro's fixed-wing airbase, the helicopter facility at Tustin, the Terminal Island Navy base, the Weapons Center at Seal Beach, the Navy Facility at Corona, and NWC.

## Donations still sought for Combined Federal Campaign

With just two weeks of reports in, the Combined Federal Campaign fund drive has brought in more than \$36,000 in pledges from military and civilian personnel at China Lake.

Natalie Harrison, Community Liaison Assistant, who is coordinating the drive this year with Loretta King, Assistant Public Affairs Officer, said there are a number of codes that have not yet turned in any reports.

The drive, she stressed, ends November 15, just one week from today (Friday). All pledge cards should be turned in by that time.

This is the only on-the-job fund raising campaign of the year at NWC and provides vital funding for United Way Agencies, National Health and National Service Organizations and International Service Agencies with one easy donation.

The China Lake coordinators say they anticipate a generous response from employees and ask them to dig deep for this annual appeal for health and human care agencies.

There are two ways to give, a lump sum cash or check donation returned with the donors card, or a payroll deduction that

begins in January with a \$1 per pay period minimum pledge.

All donations are fully tax deductible from state and federal income taxes. Donors should save the receipt that is with the pledge card.

Gifts may be earmarked for specific agencies and the China Lake coordinators encourage employees to designate their favorite charity or service agency under CFC umbrella. They note that's the only way to make sure funds go where the donors really want them to go. Gifts not designated for specific agencies will be appointed among the four major groups that make up the CFC umbrella.

Key personnel in all China Lake codes have distributed pledge cards and informational handouts to employees. Questions about the CFC effort should be addressed to the key person in each code or call the coordinators.

Last year's drive set a China Lake record with more than \$196,000 in pledges and donations. There is only one week left in which to return pledge cards to the key person in each code. Employees are encouraged to give generously to the Combined Federal Campaign again this year.

## Free organ concert slated at All Faith Chapel Thurs.

All local residents are invited to attend a free organ concert at the All Faith Chapel on Thursday at 7:30 p.m. Organist will be the talented Bruce McClung, son of Rod and Lorraine McClung of Ridgecrest, who was born and grew up in the Indian Wells Valley.

A reception sponsored by the Fellowship Committee of the Protestant Congregation will follow the concert; the reception will be held in the East Wing of the Chapel.

McClung holds a bachelor's degree in music from the New England Conservatory in Boston, and is currently a graduate stu-

dent at the Eastman School of Music at Rochester, New York. He is a candidate for two master's degrees: one in organ performance and literature and one in musicology.

He has also studied at the Bay View Conservatory in Michigan, the Royal School of Church Music in Croydon, England, and at the Accademia di Musica Italiana per Oregano in Pistoia, Italy.

The program will include works by J. S. Bach, Brahms, Sweelinck, Samuel Barber, Cabanilles, Reger, Charles Ives, and Janacek.

"I try to make the rounds of all these regularly," she says, "and am able to do so because my staff can implement the policies my position calls on me to make."

Capt. Hall says she planned a medical career from childhood. She grew up on a farm, then went to the Episcopal Hospital School of Nursing in Philadelphia from which she received a diploma.

After three years nursing experience there, she went on active duty with the Navy in 1959. While in the service, she received her bachelor's degree in nursing from Boston University and did her graduate work in nursing administration at the University of Maryland.

"When I retire in three years, she says,

"my husband and I will have 50 years of active duty between us." Her husband, Noel, spent 20 years as a Marine Corps Intelligence Officer before he retired in 1970. He's currently active with real estate. A delight to both of them are his sons by a prior marriage, and three grandchildren.

When Capt. Hall retires, they plan to spend a lot of time on the road seeing "this beautiful country."

Liking to travel, she says, is an essential for being as happy in her career as she's been. "You need to have a spirit of adventure, to be able to deal with change on a weekly basis. I've found my job fascinating and stimulating," she concludes, "and every day is a challenge."



**BRIEFING** — Capt. Mary Hall, Commanding Officer of the Long Beach Naval Hospital, listens as Beth Dale, Occupational Health Officer at the Branch Medical Clinic, describe a client's problem.

## Pay, travel vital functions of PSD personnel

Seldom have 13 done so much for 950 as the 13-person-strong Personnel Support Activity Detachment (PSD) at China Lake does for 950 military members scattered across three states.

Lt. R. W. Tallman, Officer-in-Charge, notes the small detachment handles personnel functions, including making certain everyone is paid the right amount at the right time, for 950 Navy personnel in California, Nevada and New Mexico.

In addition, a five-person civilian transportation section handles all official travel at China Lake. "Transportation needs have grown more than 10 percent since I reported to NWC two years ago," said Lt. Tallman.

He notes the section keeps busy more than the standard 40-hours a week making sure official travelers have airline and rental car reservations and tickets when they need them.

"We send 300 to 350 passengers a week to places all over the world," commented Lt. Tallman.

Overtime by the transportation section is a common practice to meet NWC's growing travel needs. Lt. Tallman cited the Friday when 75 sets of travel orders needing airline or car reservations came in at 10 a.m. for people leaving that weekend. It took several hours extra to complete the work and meet the needs of travelers.

Airline employees in the Scheduled Airline Ticket Office are not part of PSD, but Lt. Tallman notes the SATO staff works closely with PSD's Transportation Section to take care of passenger needs.

PSD's top man said the biggest help from travelers would be for them not to submit ticket requests until they are sure of a schedule. "One traveler changed his itinerary five times in a single day, forcing tickets to be issued and cancelled three times.

For most military enlisted personnel who come to China Lake, PSD is their first stop. And, it is one of the last stops for those departing to new duty stations.

From pay records to promotion exams and from reassignments to discharges, PSD personnel follow military members throughout their stay with any of the 24 separate commands supported by PSD from China Lake.

In addition to the various separate commands at China Lake, PSD personnel provide support to small units at places like Nellis and Edwards Air Force Bases,

reserve centers in Bakersfield and Las Vegas and the Los Alamos Scientific Laboratory in New Mexico.

They keep pay records current to ensure military members aren't overpaid, that advances are paid when proper and that any questions about personal records can be answered.

Very close tabs are kept on pay status to avoid problems at a later date. Lt. Tallman noted the Navy is going to a direct deposit system in December and funds will be electronically transferred from Cleveland, Ohio to financial institutions designated by service members.

PSD, however, will still be required to make sure the records are current and everyone gets the right pay. Lt. Tallman noted there are more questions from

military personnel about paychecks than any other aspect of PSD's function.

With the personnel jackets on file, PSD can tell when military members are eligible for advancement, what their educational level is, take care of ordering correspondence courses and supply timely reports to NWC departments like security and housing on status of people assigned to China Lake.

Lt. Tallman commended the commands the detachment serves, noting most of them, in particular NWC and VX-5, were very good administrators, making PSD's job a lot easier.

And, they can use that kind of help. While the number of military personnel assigned to China Lake has remained fairly constant, PSD has lost more than half its

military billets in recent years, leaving fewer people to do the work. Computers have helped, but the workload remains heavy.

"We do weekly training, even in a small command like this, to stay abreast of changes in the Navy and requirements," noted Lt. Tallman.

The China Lake detachment comes under the control of the Personnel Support Activity in Long Beach and Lt. Tallman notes Cdr. McMaster, PSA Commanding Officer, makes frequent visits to the area to see how everything is at China Lake.

PSD may be the first point of contact for newcomers to China Lake and the new arrivals can be certain PSD will be tracking them throughout their stay and will see them when they leave the Navy or head for that next duty station.



**TRAVEL QUESTION** — Lt. R. W. Tallman (right), Officer in Charge, Personnel Support Activity Detachment, talks with Barbara Anderson and Dom Alesi, manager of the Scheduled Airline Ticket Office, about travel by China Lakers, a key part of PSD's duties at the Naval Weapons Center.

## Voyager journey discussed at Sigma Xi dinner meeting

"Around the World Non-stop, Non-refueled: The Final Challenge" will be presented by Dick and Bert Rutan, builders of Voyager, at the Sigma Xi dinner meeting on Thursday, Nov. 21.

The meeting, to be held at the Enlisted Mess, is open to all interested persons.

Voyager, built by the Rutans, is a sailplane configured aircraft built of composite materials, in which Dick Rutan and Jeana Yeager plan to circumnavigate the globe

without stopping. The Rutans have worked in connection with the Smithsonian Institution of Washington to build and ready their craft, which is currently at Mojave.

Guests at the dinner will see slides and a movie about the project, as well as being able to ask the Rutans questions about their plans.

The evening will begin with a social hour at 6:30, and a dinner of boneless stuffed chicken with orange sauce and appropriate trimmings will be served at 7 o'clock.

## Welcome Aboard planned

Co-workers, supervisors and friends are all invited to a welcome aboard party set for new military officers and Junior Professional employees to be held next Thursday at 5:30 p.m.

Donations, from all except the honored guests and their spouses, are \$3 per person. No reservations are required for this party to be held at the Commissioned Officers' Mess.

**NWC HOTLINE**  
Integrity, efficiency program  
Call: NWC ext. 3836 (24 hrs.)  
or call the Inspector General at:  
(800)522-3451 (toll free)  
288-6743 (Autovon)  
(202)433-6743 (commercial)

Mess.

New military officers aboard are CW03 Frank Czajkowski; Capt. Jean-Claude Gagnon, CAF; LCdr. Karl Klingner; Lt. John F. Monroe; and Lt. John Scott.

Civilians to be welcomed include Robert Booker, Crawley Coleman, Kris Chopper, Dr. Albert Desanti, David Genert, Marina Gorelik, Kevin Havig, Darrell Hovde, Dr. Jonathan Huebner, Dr. Hugh Hurt, John Langan, James McMechan, and Willie Morgan.

Also being welcomed will be Kinley Pon, Ron Schultz, James Stotser, William Struck, Phong Tran, David Trinh, Brian Veit, Lance Walker, Steven J. Walker, Steven B. Wilson, and Ken Youngs.

Cost of the dinner is \$9 per person. Tickets are required and may be purchased by contacting any of the following Sigma Xi members: Francis Canning, NWC ext. 3932; Don Decker, NWC ext. 3247; Dan

Gillespie, NWC ext. 3124; Carl Helmick, NWC ext. 1415; Gary Hewer, NWC ext. 3219; Glenn Roquemore, NWC ext. 3356; Dave White, NWC ext. 3089; and Frank Wu, NWC ext. 1040.

## Crawford wins TD Award . . .

(Continued from Page 1)  
been a substantial time and dollar savings in arriving at CAD/CAE standards for NWC," the nomination continues.

As Hays made the presentation to Crawford, he noted that "You've put in many, many hours in helping to shape a whole area of activity. The impact of your work on other programs has been immense. We appreciate your efforts and would like to thank you."

Crawford expressed his appreciation for the support that Hays and other senior managers such as Porter, Gerry Schiefer, and Ed Kutchma have provided.

"TAC has been able to function well because we know that you back us up," Crawford said.

Crawford heads the Embedded Computing Technology Office in the Aircraft Weapons Integration Department. He holds a master's degree in electrical engineering from the University of Southern California, and a bachelor's degree in mathematics

from California State University Fresno. He has been employed at NWC since July 1969.

## Intramural aid needed in winter sports loops

Craig Ulrich, head of Recreational Services Department's Sports Branch, is seeking sports officials for intramural sports on board the Naval Weapons Center.

Anyone interested in officiating for one or more intramural sports can call Ulrich at NWC ext. 2334 for additional information.

At this time the branch is working to form an intramural basketball league. Any military personnel interested in playing or who have formed a team can talk to Ulrich about intramural leagues.

**Captain K. A. Dickerson**  
NWC Commander

**B. W. Hays**  
Technical Director

**Denny Kline**  
Public Affairs Officer

**Mickey Strang**  
Editor

**Steve Boster**  
Associate Editor

**PH2 Rick Moore**  
Staff Photographer

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# Soccer teams enter final month of season

Entering their final month of play, teams from the NWC Recreational Services Youth Soccer League were in action again on Saturday. The teams play Saturday mornings at Knox and Davdove Soccer Fields.

## Division 1

### Rowdies 5, Roadrunners 0

Behind two goals each from Jason Bowling and Mike Hobson, the Rowdies were easy winners. Nicholas Ford added a final goal in the win. Frank Gamble, Roadrunner goalie, played a good game, making several saves while Michelle Kamben played a solid game trying to score a goal in the loss.

### Coyotes 4, Apollos 0

Three players, Mark Garland, Reed Christensen and Matt Girardot accounted for all the scoring as the Coyotes were easy winners. Christensen had two goals while Dale Garland was commended by the coaches for his defense. Unable to score, despite numerous threats, the Apollos got good performances from Daniel Street and Ryan Lopez.

### Eagles 3, Fury 1

Vasken Haroutunian scored twice and Chris Branson had one goal for the Eagles. Chris Fisher and Dan Hartley were commended for their defensive efforts in the win. The first loss of the season for the Fury saw Daniel Kelling scoring the lone goal while Reed Zamlen, Lacey Cordell and Matt Bryner led the defense.

### Chiefs 1, Express 1

Jodi Sieg and Jesse Owen led the defense that preserved a tie for the Chiefs. Their

only score came on a goal by Neil Covington. Jason Lint had the only goal for the Express while David Verbeck was credited with an outstanding defensive effort.

### Owls 3, Cobras 0

Ian Lelis, with assists from Aaron Kneht provided all the scoring punch the Owls needed while Brian Kash and Ken Kirschenman gave the defensive support for the shutout win. Cobra coaches said Steve Webb and Evan Powell kept it close with outstanding defensive performances.

## Division 2

### Sting 1, Lancers 0

Behind Howard Gamble's goal, the stingy Sting defense throttled the Lancers. Michael Koelsch, Jason Ghormley, Richard Christensen, Jerry Sparks and Melanie Lloyd were defensive stars. Sam Stevens and Chris Drinnon (goalie) played strong defense for the Lancers and only slipped once.

### Timber 2, Drillers 2

Todd Redmond had a stellar performance, notching both goals for the Timber team. Jenny Salter, John Hutmacher and

Chris Thornberry were top defenders. Issac Curran and Mike Eberhart scored for the Drillers while Sean Waldron and Keith Parris were other key players in the tie game.

### Cosmos 3, Aztecs 0

With goals from Damon Kelling (two) and Greg Greedy, the Cosmos were easy victors. The winners got good defensive play from Sean Williams and Scott Tenzky. Tim Viers and Brett Becker were leading players for the Aztec squad.

### Sockers 0, Earthquake 0

Defense was the key here. Mark Castillo, April Lawrence, Ryan Lilly, Braunson Lilly and Andrew Grabowski were key players for the Sockers. Seth Rivers, Jeff Caruso, Peter Byers and Joe Wilhorn keyed the Earthquake effort to snap the scoreless tie.

### Blizzards 2, Strikers 1

Good defense highlighted this one too. Scott Foremaster and David Renner were key players for the winning Blizzard team. Kenny Carr had the lone Striker goal, but they got excellent play from Scott Richison, Joe Hibbs and Brian Lee to keep it a close game all the way.



## Sports

## Trophy team retains lead in loop play

Modern Trophy retained leadership in the Premier Bowling League this week with an 88½-51½ record. Buggy Bath bowlers were 86½-53½ after this week's action while the Hideaway team was in third place with a 78½-61½ record.

Olympia Beer had the best team performance of the week when their bowlers rolled a 764 team game and a 2,195 team series.

### Standings

Team	Won	Lost
Modern Trophy	88½	51½
Buggy Bath	86½	53½
Hideaway	78½	61½
Elks Lodge	73½	66½
Olympia Beer	67½	72½
Hoopers Troop	59	81
Thrifty Wash	57	83
The Place	49½	90½

## Volunteer refs, coaches sought

Volunteers are needed by the NWC Recreational Services Youth Sports Program for coaches and referees in the winter Youth Basketball Ball League.

Play in the loop will start Jan. 10, 1986, while youngsters seven to seventeen years of age will be able to register for the league starting November 18.

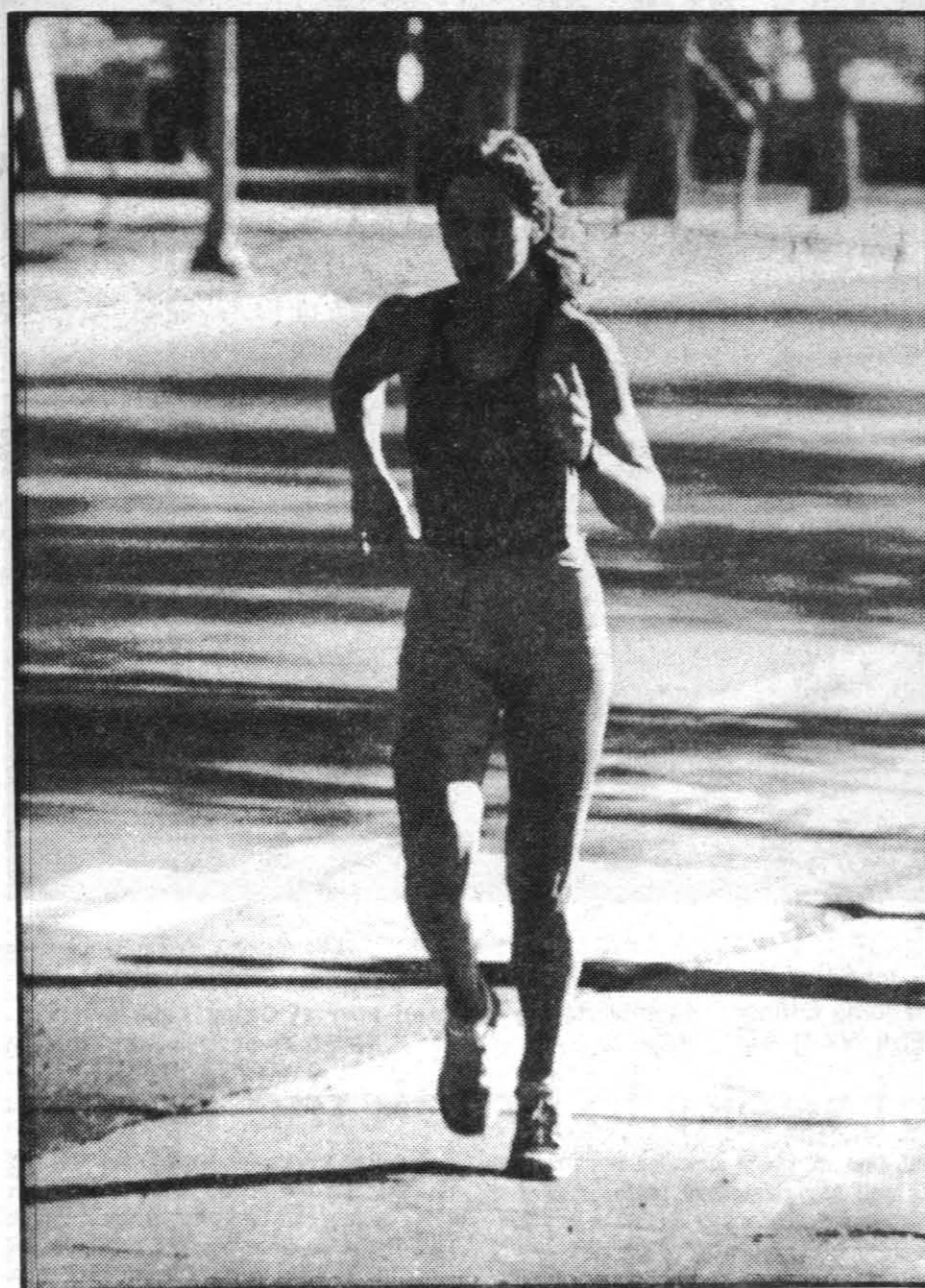
For additional information call NWC ext. 2010.

## Rec Services needs gear back

Former youth soccer coaches who still have equipment are asked to bring it back to the Information, Ticket and Tour Office as soon as possible.

Corner flag soccer balls and goalie jerseys should be returned if the former coaches have not already done so.

The ITT Office is at the corner of Lauritsen and Blandy and is open Monday through Friday from 9 a.m. to 5 p.m. For additional information call NWC ext. 2010.



**RUNNING START** — Runners of all ages, shapes and sizes will be competing in tomorrow's Over-The-Hill Track Club sponsored half marathon and three-mile Fun Run. Runners start at the NWC Gym at 9 a.m. tomorrow (Saturday).

## Fish planting continues in lakes

Barring adverse weather, water or road conditions, the following lakes and streams, listed by county, will be restocked this week with catchable-size rainbow trout from Department of Fish and Game hatcheries.

**LOS ANGELES** — Piru Creek (Frenchman's Flat), Pyramid Lake, San Gabriel River (East Fork).

**RIVERSIDE** — Fulmor Lake, Hemet Lake.

**VENTURA** — Piru Lake.  
**SAN LUIS OBISPO** — Lopez lake.

## OTHTC run set tomorrow morning

Runners of all ages, shapes and sizes can take part in Over-The-Hill Track Club events tomorrow at NWC. The annual OTHTC Half-Marathon and Three-mile Fun Run are set for 9 a.m. starts in front of the NWC Gym.

The entire 13.1 mile half-marathon course is on board NWC (as in the Fun Run). The routes will be well marked for runners.

Runners in both events will receive t-shirts for competing, while awards will be given to top finishers in each class.

New this year is the team class in half-marathon competition. Three-person teams can enter along with individuals. Other classes will include military runners and various age groups.

Half-marathon registration fee is \$9 for OTHTC members and \$11 for non-members. The Fun Run entry fee is \$7 for adults and \$5 for children under 12 years of age.

Entry forms are available at the NWC Gym.

For more information call Mary Moore at 446-2914 after 6 p.m.

## Bird hunters have mixed luck

Bird hunters are having mixed results in the Owens Valley.

Lots of quail can be found in all the riparian areas, so quail hunters are happily finding all the birds they want. Chukkar, however, are scarcer. Department of Fish and Game wardens note that those hunters who are willing to trudge up and down hills and possibly put in 10 to 20 miles walking will get their limits, but those who merely drive down dirt roads looking for birds aren't even going to get a shot.

Although waterfowl season is on, the birds have not yet started to fly through. Some winter storms further north will be needed before the ducks and geese arrive in any quantity.

## New youth office

The Youth Activities Office of NWC's Recreational Services Department is now located in the NWC Gym. Entry from outside can be made at the last door on the right, facing the gym. The new phone numbers are 939-2334/2571.



## The Skipper Sez...

### QUESTION

Even though the Rocketeer carries a Friday date, it is now being delivered to many areas on Mondays. What happened? If it's going to continue to be delivered on Mondays, the ads for jobs and the movies and upcoming activities should be extended to the following weekend. Thank you.

### ANSWER

Your frustration at not receiving the Rocketeer on Friday afternoons is exceeded by that of the Rocketeer staff!

The Rocketeer is printed and typeset by one contractor, and is distributed by a second contractor. Equipment or personnel failures on the part of either means that the Rocketeer does not reach guard mail in time for sorting for the afternoon delivery. And while letters of non-compliance with a contract that includes firm times at which the Rocketeer is supposed to be ready may affect future contracts, they don't help you find out what's happening on the weekend.

A limitation on space available precludes running many of the articles twice. In addition, information about weekend activities is not always available more than one week ahead.

If your paper normally does not get delivered until Monday, perhaps you should check with your department mail room to see if that's where the difficulty lies. If this still doesn't ensure that you get your paper, call the Rocketeer staff at NWC ext. 3354 and tell them your problem.

### QUESTION

On three separate occasions in the last few weeks I have observed children of employees being baby-sat on the job. In each case it was in a non-badge required area and in each case the little darling was being occupied by playing with Navy office equipment or personal computers. I think this is despicable — what do you think? A. Whistleblower.

### ANSWER

Without additional information — for instance, how long were the children there, what were the possible extenuating circumstances, and so on — it is difficult for me to answer your question as far as it relates to the specific examples that you mentioned. I can say in general, however, that, of course, employees should not routinely bring their children to their work spaces. Such a practice would inevitably distract the employee from his or her work, create a distraction and potential annoyance for others, and could pose potential safety hazards for the child if not closely watched since our work spaces are not set up with the idea of small children frequenting them. Frankly, I am concerned about any supervisor who would routinely permit this.

However, I do encourage parents to bring their children to their work environment on occasion, when this is practical and possible without disturbing others, because it can be educational for the children and demonstrates their parents' pride in the work they do and the place where they work.

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

## Youngsters win awards for energy conservation ideas

Winners of this year's Energy Awareness Poster Contest in area schools had the unusual privilege of having their grand prize award plaques presented to them by Barbara Lehman, wife of Secretary of the Navy John Lehman. The brief ceremony for the children, their parents, siblings, and school principals was held in the Michelson Laboratory auditorium last Friday afternoon.

Mrs. Lehman chatted with each of the children as she presented their individual plaques to them. She expressed her appreciation of their artistic abilities and the concepts that they showed on their posters.

Winners, their grades and their schools included Thomas Martin, kindergarten, St. Ann's School; Linda Lovett, first grade, Inyokern School; Lacey Cordell, second grade, St. Ann's School; David Tuey, third grade, Vieweg School; Justin Buckley, fourth grade, Vieweg School; Paul Kizer, fifth grade, Richmond School; and Travis Porter, sixth grade, Las Flores School.

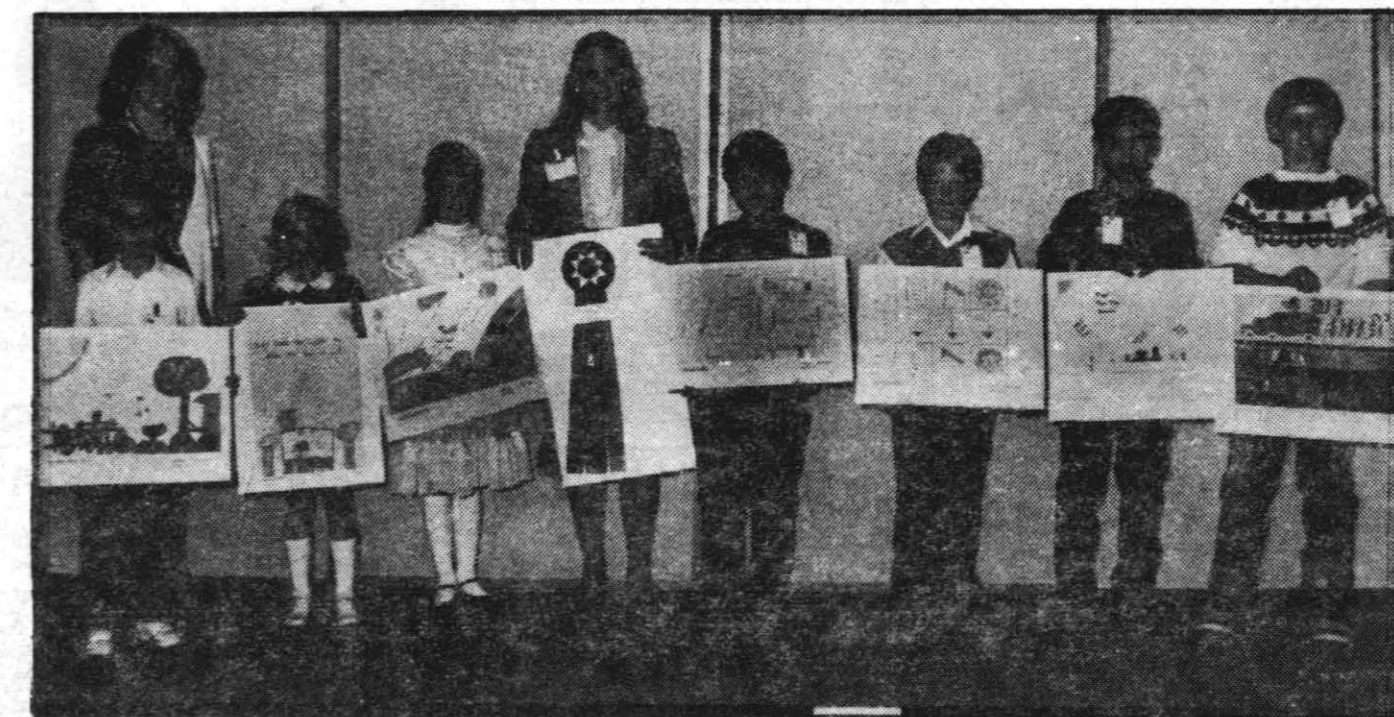
More than 1,700 posters were submitted by school children from the Sierra Sands School District and from St. Ann's School, which had asked if it could join the contest this year. This sixth annual contest was sponsored by NWC as part of the Energy Awareness Week activities.

Posters are submitted by students each year, then are divided among members of the Department Energy Conservation Council, who take these back to their departments for judging. The winners for

each classroom are chosen, and grand prize winners are selected from classroom winners.

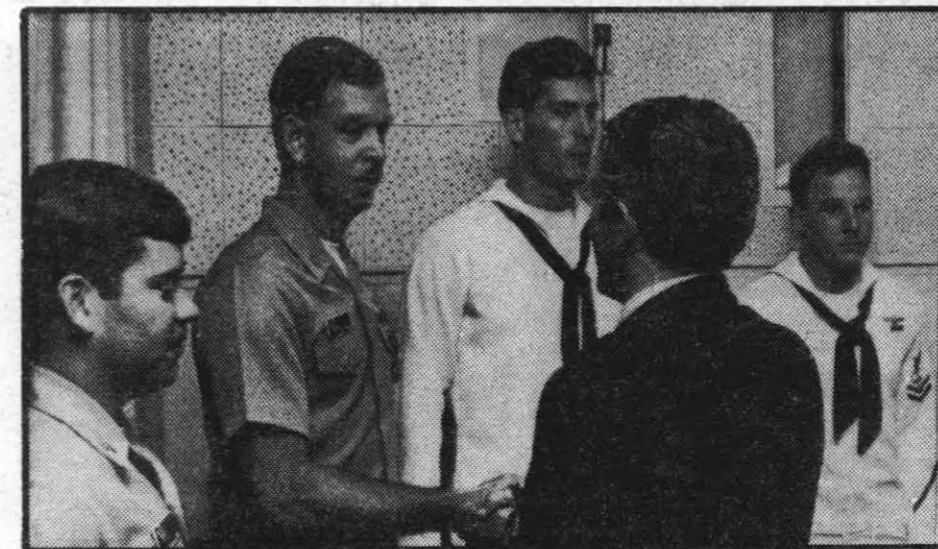
The contest is aimed at creating energy awareness and educating the youngsters about how they can conserve energy.

Energy aware children will grow into energy aware adults is the belief of the Center's Energy Program Office.



**AWARE YOUNGSTERS** — Energy Awareness Poster Contest winners received their plaques from Barbara Lehman, wife of Secretary of the Navy John Lehman, during a brief ceremony held last Friday afternoon. Joining the youngsters was Peggy Murphy, from the Center's Energy Program Office, who is standing

behind the kindergarten grand prize winner, Thomas Martin. Other youngsters, left to right, are Linda Lovett, Lacey Cordell, David Tuey, Justin Buckley, Paul Kizer, and Travis Porter. Mrs. Lehman holds the Grand Prize ribbon for the competition. The contestants came from local area schools.



**CONGRATULATION IN ORDER** — Lt. Mark Eoff is congratulated by Secretary of the Navy John Lehman for his receiving the Air Medal. Also receiving Air Medals for their participation in a spectacular rescue were, Lt. Tim Cleary, AE2 Mark Keenan, and AD2 Rick Tavenner.

## SECNAV presents Air Medals to Center's SAR helo crew members

The outstanding skills and courage of the Center's Search and Rescue helicopter crew was recognized last Friday when Secretary of the Navy John Lehman presented the two pilots and two crewmen with air medals for a heroic rescue they performed July 13.

They responded to a call from the China Lake Mountain Rescue Group, which had located an injured climber, Jeff Harris, 30, from Anaheim, on a ledge at a 14,000 foot level on Mt. Whitney. Harris had sustained two broken vertebrae in his back, a severely sprained ankle, and had numerous cuts and bruises. He had to be transported to the nearest hospital.

After a reconnaissance flight, the SAR crew decided that they would not be able to land on the mountainside. AD2 Rick Tavenner volunteered to rappell down a rope to attach a Stokes litter, on which the CLMRG had placed the victim, to the rope and to ride down on the litter with the injured man.

Lt. Tim Cleary, the helicopter pilot, noted that Petty Officer Tavenner had time to reconsider his decision because the helo was low on fuel and they had to fly back to Lone Pine to refuel before the rescue could be attempted.

On their return to the 14,000-foot level of Mt. Whitney, Lt. Cleary and Lt. Mark Eoff, the co-pilot, carefully flew the helo into

position so that Petty Officer Tavenner was able to rappell down the rope to the ledge where the injured man and CLMRG personnel were located. Once the Stokes litter and its passenger, Harris, were attached to the rope, Petty Officer Tavenner knelt on the litter to assist in stabilizing it, and signaled for the helicopter to lift off.

The next few minutes were spent in flying down to the hospital at Lone Pine, with the litter, Harris, and Petty Officer Tavenner dangling about 100 feet beneath the helo. The descent was 11,000 feet, and the hospital was about 25 miles away. Lts. Cleary and Eoff, assisted by AE2 Mark Keenan, had to fly with great care so that the rope and men beneath it would be kept steady.

On the ground at the hospital, HM1 Bill Lewis maintained the radio contact, and assisted with the very careful landing since the helicopter had to hover while the Stokes litter and its injured rider (as well as Petty Officer Tavenner) were off-loaded.

For their heroic — and successful rescue — the four Navy men in the helicopter were recommended for Air Medals, which were presented by the Secretary of the Navy during his visit. Also attending the ceremony were HM3 Jana Keenan, wife of Petty Officer Keenan, and SK2 Linda Tavenner, wife of Petty Officer Tavenner.

## China Lake Police Reports

In a case of robbery and battery — or possibly extortion — at Murray Junior High School, a 14-year-old demanded money from a 12-year-old victim, then after being given the money, still beat the victim.

A reported case of child endangerment involved extremely unsanitary living conditions in a house in the Site B Capehart housing. The parents were warned that their children would be removed and made wards of the court if the house was not cleaned up. The children had to be housed in temporary quarters until the house was cleaned.

A boy living in the Site B Capeharts reported that his bike was removed from his porch and stolen. The bike was not locked or secured.

A burglary was reported in the Site B Capehart housing. A man reported that a rifle and ammunition were stolen from his house.

A motorcyclist reported that his garage-door-opener had fallen from the back of his motorcycle when he was taking it home. Police later found such an opener, and reunited it and its owner.

Two juveniles — aged 11 and 13 — on Stroop Avenue were throwing rocks at trashcans and moving traffic cones from where they were used to mark fresh paint at pedestrian crossings on the roads. They were counseled and advised about their activities.

A disagreement in the Site B Capeharts led to a physical altercation involving a door slammed on a hand, a scratched face, and someone being burned with a cigarette. Police were called to keep the peace.

A non-injury collision resulted when one vehicle stopped for a stop sign at the intersection of Lauritsen and Inyokern Roads — and the other did not.

Unknown persons borrowed a Kodak projector from the Aerosystems Building. Since the projector has not been returned, it is considered to be a grand theft because the value of the missing item is \$260.

A bicycle was found at the Enlisted Mess. It has been placed in custody at the China Lake police station and is awaiting its owner's identification so that it can be reclaimed.

Unknown persons removed two pistols, a shotgun, and a watch from a mobile home in Lane Haven Trailer Park. The loss is estimated at \$1,000.

A single vehicle accident occurred at Richmond and Gold Canyon Roads when the front tire of a vehicle hit a hole in the road. Minor damage to the vehicle resulted, but no injuries to people.

A stereo equalizer was stolen from a locked car Sunday. The estimated loss in this vehicle burglary is \$365.

Residents complained that a motorcyclist riding a red and white Honda street bike disturbed the peace by riding through a residential area of the Center.

CLPD officers issued a letter of trespass and confiscated a limited access pass from an individual cited for unauthorized entry to the airfield on Monday.

The driver of a private vehicle was transported to Ridgecrest Community Hospital for treatment after he was involved in a rollover accident on Randsburg Wash Road Monday evening.



**DRAMATIC PHOTO** — Bob Gould, facility supervisor for the Gun Ballistics laboratory, shows the effect of firing on a projectile photographed on X-ray film to (l. to r.), Carl Schaniel, head of the Ordnance Systems Department; Gerry Schiefer, Laboratory Director; and Jim Bowen, Deputy Support Directory.

## Gun Ballistics Laboratory opens . . .

(Continued from Page 1)

absorbing foam to protect hearing of those within it, and viewing is through 2 1/2-inch bullet-proof glass.

To initiate firing, a series of steps must be taken in sequence, involving a key to a "lock-out" box, hooking up connectors in order, and using covered switches whose covers must be lifted; this ensures that accidental ignition is not possible.

The outdoor autogun facility is completely fenced. Earthmoving by the Seabees of Reserve Mobil Construction Battalion 17 has permitted the autogun facility to be dug into the hillside with a wall of earth on either side of the range, and the target area enclosed by earth on four sides.

## Deputy Lab Director slated to speak at Nov. 11 ceremony

Col. Roy T. Edwards, Marine Corps Liaison Officer and Deputy Laboratory Director, will be the honored guest speaker at the traditional Veterans Day ceremonies to be held next Monday at 11 a.m.

The ceremony will be held at the Veterans of Foreign Wars Hall, 117 Alford Street in Ridgecrest. It is jointly sponsored by the VFW and its auxiliary, the American Legion and its auxiliary, Pearl Harbor Survivors Association, Disabled American Veterans, Gold Star Mothers and the Fleet Reserve Association.

Master of ceremonies for the day will be Wally Baker of the FRA. Appearing on the program will be the Barber Shop Harmony Society, who will sing "America the Beautiful" and "This Is My Country." Taking part also will be Boy Scout Troop 291 and the Navy Sea Cadets. A firing squad will fire a salute.

Following the ceremony, lunch will be served to all in attendance. Everyone in the Indian Wells Valley is invited to attend both the ceremony and the lunch.

## College alums plan benefit chili feed

Cerro Coso Community College's Alumni Association will host its third annual chili feed on Thursday, Nov. 21. Everyone — whether a Cerro Coso graduate or not — is encouraged to attend.

The chili feed itself begins at the campus center at 11 a.m., and will last until 7 in the evening. A bowl of either mild or hot chili and a heaping helping of cornbread will cost \$1.50.

Proceeds of the chili feed will be used by the Alumni Association for other events, and for a scholarship fund.

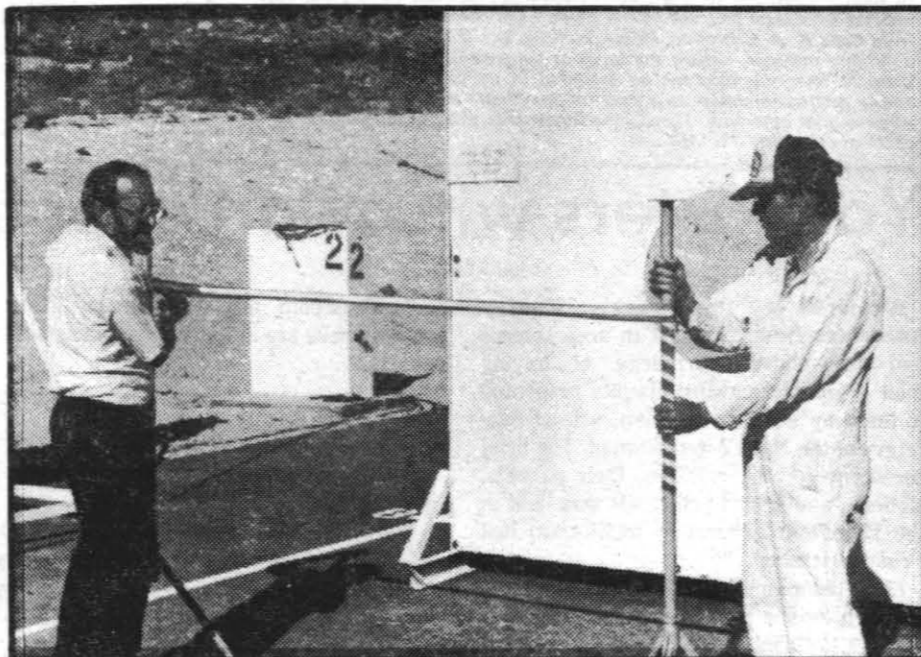
The new facility was built to provide a single government site for testing of guns in the 20mm to 30mm range. This single site can perform the same tests that several facilities (all costing several hundred thousand dollars each) would be required to perform if the facilities had to be established by private contractors — facilities that would be paid for out of tax-payer dollars.

The autogun range can be used for in-service engineering on guns. Fleet problems with weapons can be checked out to determine their cause and methods of fixing such problems can also be checked.

In addition, the outdoor facility is used for lot acceptance testing on 25mm ammunition.

Gould, who is facility supervisor, notes that he and the others working there — Bill Black, Jack Thompson, Dave Caudle, Art Clayson, Rick Edwards, and Paul and Adam Smith — have all made contributions to the facility improvements. Dick Fulmer was very successful in obtaining the funding needed to do the major improvements.

"There have been some very major changes since I moved into this building nearly 19 years ago," Gould says. "Some are for the comfort of personnel, like the dropped ceiling that we've finally gotten installed, but most are changes to the building to make it a better, and more efficient facility for the Navy's gun testing. And as weapons improve, test facilities need to also."



**GETTING SET** — Dick Fulmer and Dave Caudle stretch the ribbon in place that was cut by gunfire at Tuesday's facility dedication.

## Top-notch care for school-agers offered by Movin' On Up program

Parents looking for a creative and challenging school-age child care program should consider the Recreation Services Department's "Movin' On Up" program. A staff ratio of eight children to one adult ensures individual attention to the children that take part in this service operating at the NWC Youth Center.

The program is open to children in grades 1 to 6, Mondays through Fridays. Morning sessions run from 7 to 9:15 a.m., and afternoons from 1:30 to 5 o'clock. When school is out, the program runs 7 a.m. to 5 p.m. In addition, those who are not regularly registered can drop in (for a

minimum of two hours).

Fees for full time are \$29.50 per week per child for military dependents and \$31.50 for DOD civilian dependents. Morning sessions are \$6 per week for military and \$6.50 for civilians, and afternoons are \$23.50 for military and \$25 for civilians. During the school holidays, all-day sessions are \$36.75 for military and \$40 for civilians. Drop ins — a minimum of 2 hours and maximum of 6 hours per day — are \$1.25 per hour for military and \$1.50 for civilians.

Registration is at the Youth Center Mondays through Fridays from 7 to 11:30 a.m., and 12:30 to 5 p.m.

# CNO orders reduced deployment schedules

Cuts in deployment schedules have been ordered by the Chief of Naval Operations (CNO) to eliminate excessive at-sea periods for ships and aircraft squadrons to give crews more time at home with their families and enhance efficient use of the expanded Navy. And, CNO emphasized, "Sailors will begin to see changes now."

In an interview, Adm. James D. Watkins said, "The new deployment schedule has been working now for several years as an objective of the Secretary of the Navy and me to take advantage of the 600-ship Navy's coming on line."

In a NAVOP release this week, CNO stated, "Since the number and quality of ships and squadrons have grown significantly over the past five years, we no

longer need to accept what I consider to be too many self-imposed burdens of sea duty. As a result, we should now be able to maintain the joy and professionalism associated with going to sea and, at the same time, have more time at home with family and friends."

CNO assured sailors they will see "Schedules downstream that make better

sense from fiscal, material and human standpoints." Battle groups will spend a maximum of six months at sea and sailors will be assured they will be in home port at least 50 percent of the time.

"There will be major deployment turnaround ratios of 2:1 or better," CNO said in the interview, "which really means if you're deployed for six months, you're

home for 12."

Because the number and quality of ships and squadrons have grown during the past five years, Watkins said, "We have been deploying too many ships — it's a self-imposed rule. . . with the new ships that have come on line, we've merely added to the battle groups. This is becoming very expensive and we don't have to do that to satisfy the national commitment."

Two ways the Navy plans to decrease the number of ships and people in extended deployments are by substituting battleships for carriers and decreasing the size of battle groups. The Admiral stressed that the Navy would still be able to meet its worldwide commitments by mixing forces with "Our sister services," deploying battleship surface action groups and using land-based tactical air support.

The Commanders-in-Chief of the Atlantic and Pacific Fleet will put the new plan in action. "The Fleet Commanders implemented a revised carrier/battleship schedule that meets all worldwide commitments," CNO said in the NAVOP. "Also, they are reviewing training to make sure we do only what needs to be done to give us maximum readiness. . . (and) eliminate duplication." CNO stressed that accomplishing these reductions will be an "All hands" effort, ensuring that everyone makes "the best use of each day at sea."

Under the plan, procedures will be put into effect that highlight each and every case where limits are exceeded. "We will be sitting in judgment," CNO said in his interview, "right here at the top, the Secretary of the Navy and myself, on any violations."

"We know there are going to continue to be family separations, we can't solve all the problems, but we certainly owe it to the sailors to man the ships efficiently and to hold the line unless it's a very significant national operational commitment."

CNO concluded, "We should never in the Navy apologize for going to sea — that's our business."

## DOD readies AIDS tests for troops

The Department of Defense will soon begin testing all active duty and reserve people for the HTLV III Antibody associated with the virus that causes Acquired Immune Deficiency Syndrome (AIDS).

The testing will be done in priority order beginning with those serving in areas with a high risk of "local" disease or with minimal medical capabilities. The Elisa tests, which are being used in the recruit and military blood donor screening programs, will be used. People who repeatedly test positive will undergo further confirmatory testing.

A confirmed positive test result only means a person has been exposed to the HTLV III Virus. Such people have a greater chance of developing immune deficiencies, and possibly AIDS, than people who have not been exposed to the virus. A positive test result does not mean a person has, or will get, AIDS.

All people with confirmed positive tests will receive a comprehensive medical evaluation. Those who show no signs of disease will be retained in the military. People who show evidence of clinical illness or immune deficiencies will be referred to a medical board to determine their fitness for duty. All those who test positive and are retained will be medically re-evaluated annually.

Navy officials will announce further guidance on HTLV III Antibody testing and policies within the next few weeks.



## Military News



**ORIENTATION** — Secretary of the Navy John Lehman chats with Capt. Marty Phillips, Commanding Officer of Air Test and Evaluation Squadron Five (VX-5) last

Friday afternoon. The Secretary visited VX-5 and its facility during his brief stay at China Lake last Friday. — Photo by PH3 Greg Hogan

## Great Smokeout seeks to break the habit

On Thursday, Nov. 21, many military and civilian smokers will call it quits for the day as part of the Great American Smokeout. Dr. William Mayer, Assistant Secretary of Defense for Health Affairs, hopes that day off will be the beginning of a lifetime vacation from cigarettes.

While less than one-third of the general adult U.S. population smokes, the comparable rate for the military is slightly more than half, which Dr. Mayer considers totally unacceptable.

Cigarettes were once an integral part of military life. In World War II newsreels, Yanks could be seen sharing chocolate and chewing gum with children and cigarettes with adults. Uncle Sam smiled on these acts of generosity. But no more.

And the American Medical Association agrees. Until 1954, they accepted cigarette advertisements for their professional jour-

nal. One ad, which appealed to patriotism as well as professional pride, showed a young man as a soldier and later as a doctor — both times smoking the brand "preferred by men in the medical service and the other, meaning military, services."

More than 20 years and numerous studies later, doctors have the lowest incidence of

smoking of any professional group. But the military has one of the highest. Although some of this can be explained by the fact that it has a large number of 18- to 25-year-olds — a group that smokes more than the general population — the rate is still a cause for concern, since it affects health, and poor health affects readiness.

## China Lake plane crashes

While returning from a flight to the Naval Air Test Center, Patuxent River, Md., Cdr. Ron Miller and Major Tom White, USMC, experienced difficulty with their TA-4J Skyhawk aircraft and were forced to eject Wednesday afternoon.

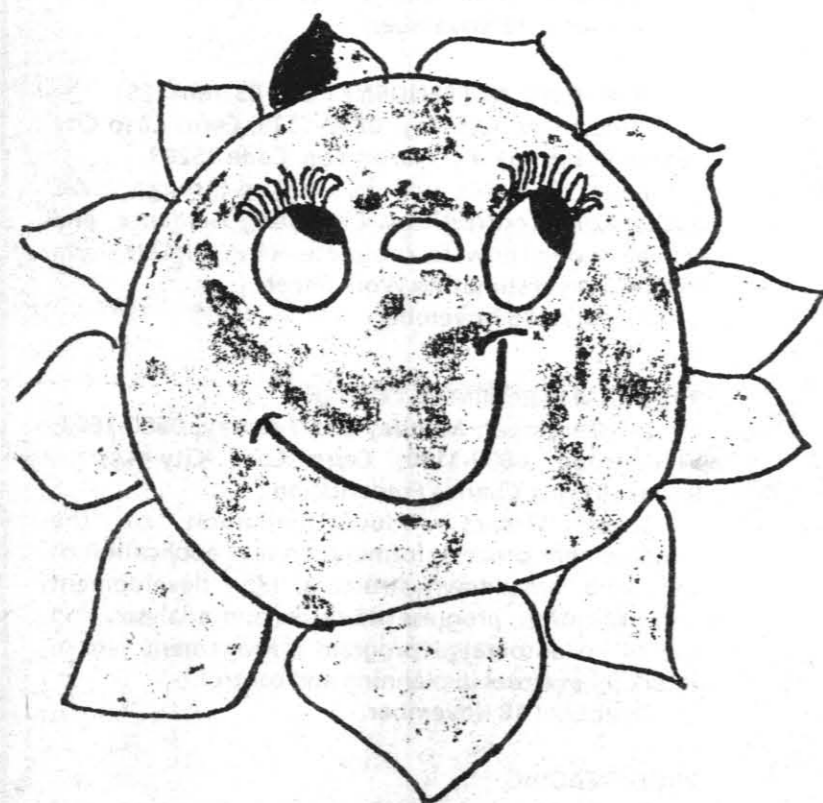
They had departed NATC at approximately 4:30 p.m. Eastern Standard Time, and ejected about 25 minutes later approximately 30 miles northeast of Richmond,

Virginia. The aircraft crashed into a cornfield.

Both pilots were taken to a clinic at NATC. Cdr. Miller was examined and released, and Maj. White was transported to Bethesda Naval Hospital for treatment of an injured thumb.

Cause of the accident is under investigation.

# Suggestions



Had any ideas lately? Management wants to hear about them! Submit a beneficial suggestion and have those ideas considered. If your suggestion is implemented, you may be eligible for a cash award. To submit a suggestion you simply fill out a DoN Suggestion form, OPNAV 5305/1, and turn it in to your department awards representative (listed on back of this page). The forms may be obtained from your department representative or from the wall unit form holders located in most buildings on Center.

**Remember** - your ideas are wanted and may be eligible for award consideration.

Contact Eileen Shibley for more information at extension 2018.

## BENEFICIAL SUGGESTIONS

**What is a Suggestion?** In brief, a suggestion is a definite proposal intended to be of value to the Government. To be considered as a suggestion, a proposal must meet all of the following criteria:

- o It must be in writing
- o It must be definite in its intent
- o It must point out a problem or a need for a change, or propose an improvement
- o It must offer a solution to a problem, or propose a method for carrying out a change or improvement

**What is not a Suggestion?** The following proposals do not qualify as suggestions under the Navy Incentive Awards Program unless they provide an improved method for accomplishing the work or carrying out a change:

- o Proposals calling attention to the need for maintenance and repairs such as painting walls, replacing linoleum, changing light bulbs, etc.
- o Proposals regarding routine functions such as ordering supplies, etc.
- o Proposals relating to the personal convenience of the employee but having no value to other employees or to the Government.

**Suggestions Wanted!!** All suggestions which will contribute to greater efficiency or economy are wanted. The best suggestions are those which:

- o Reduce the cost of operations or services
- o Eliminate unnecessary operations or services
- o Improve the quality of operations or services
- o Devise new tools, equipment, or processes
- o Save manpower, materials, or time

## DEPARTMENT INCENTIVE AWARDS REPRESENTATIVES

Code	Representative and Code	Extension			
00, 01, 02	Charlene Zigler, Code 091	2018/2592	31	Pat Pickett, Code 3102	5343
06	Nel Daugherty, Code 06302	5822	32	Sandy Kincheloe, Code 32024	7365
08	Cy Ebersberger, Code 0802	3245	33	Janice Johnson, Code 3302	3261
09	Charlene Zigler, Code 091	2018/2592	34	Francie Drybread, Code 33 (Alternate)	3231
12	Jenny Fouse, Code 12	3251	35	Becky Sorge, Code 3402	2266
14	Jeanne Thatcher, Code 14	3481	36	Pat Gaunt, Code 3402 (Bene-Sugs)	3658
22	Linda Sorenson (Alternate)		38	Geneva Pullen, Code 35024	3198
24	Phyllis McKinney, Code 22	3387	39	Ruth Davis, Code 3602	2210
25	Donna Pettit, Code 24	2550	40	Mavis Royer, Code 38	2246
26	Dottie Wright, Code 2431 (Bene-Sugs)	3156	41	Sheri Paulsen, Code 39024	3220
	Jean Gale, Code 25022	2407/8	61	Bonnie Jones, Code 6102	5405
	Feggy VanSike, Code 25022 (Bene-Sugs)	2407/8	62	Sue Stocker, Code 6202	6391
	Cindy Thorpe, Code 2602	3411 X322	64	Eleanor Brammer (Bene-Sugs)	6391
				Luan Schoen, Code 6402	3628



## Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. **APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledge/Skills/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

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

**No. 08-061, Management Analyst, DA-343-2/3, or DP-343-3, Code 0824** — This position is in the Management Analysis Branch. The incumbent will be responsible either alone or with others to provide analytic capability to center managers. This involves gathering, organizing and evaluating data to assess problems and/or alternative solutions to problems as well as making recommendations. Studies can include organization analyses, economic analyses (including cost and cost benefits analyses), workload and manpower analyses, evaluation and impact studies. **Knowledge:** General knowledge of NWC; management and/or financial systems; personal computers, particularly use of software for analysis, word processing, graphics, modeling or business applications. **Abilities:** Interviewing skills are necessary; must be able to make logical arguments handling quantitative data; must be a clear, logical writer. Promotion potential to DP-3. Status eligibles may apply.

**No. 33-049, Multidisciplinary (General Engineer/Electronics Engineer/Industrial Engineer/Physicist/Electronics Technician, DP-801/855/896/1310-2/3, DT-856-2/3, Code 3337** — This position is Associate Fuze Manager for RAM proximity fuze tasks. The incumbent will be responsible for providing the lead in developing, awarding and monitoring various RAM proximity fuze contracts, and for providing support in the transition phase of the MK 20 Mod O program from development to production. **Knowledge:** of contracting procedures and types of contracts; of program development phases and NWC requirements for development of programs; of electronic and general engineering. **Abilities:** To communicate effectively both orally and in writing; to direct efforts of co-workers. If filled at DP-801/855/896/1310-2 level, promotion potential is DP-3, but not guaranteed. If filled at DT-2, promotion potential is DT-3, but not guaranteed.

**No. 33-040, Interdisciplinary (Computer Scientist/Electronics Engineer/Physicist), DP-1550/855/1310-1/2, Code 3333** — This position is located in the Advanced Technology Projects Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will be responsible for design of interface requirements and implementation of software for reduction of fuze-related data. Knowledge of HP 1000 and/or PDP 11 systems is desired. Other Branch assets include HP 9620, HP 9845, and SEE-IT software development system. **Knowledge:** of electronic circuit design, analog and/or digital; knowledge and experience in using electronic laboratory test equipment. **Abilities:** to communicate orally; to communicate in writing. Status

eligibles may apply. If filled at the DP-2 level, promotion potential is to DP-3, but not guaranteed.

**No. 36-335, Clerk-Typist, GS-322-3/4, Code 362** — Incumbent will assist Division Secretary and serve as back-up clerical support to Division and branches. **Elements:** Knowledge: of NWC Instructions and procedures for preparing timecards, travel orders, vouchers, and purchase requests; correct grammar, punctuation, spelling, and proper correspondence format; filing systems and files management. **Ability:** to perform receptionist and telephone duties; review, control, screen, and distribute mail; type letters, memoranda, reports, and forms from rough drafts or notes; review correspondence for correct grammar, punctuation, spelling, and proper format; operate automatic typewriter (requires a qualified typist); some word processing/computer experience desirable.

**No. 39-113, Clerk Typist, GS-322-4 or Clerk (Typing), GS-303-5, Code 3907** — Incumbent provides clerical support to the Cruise Missile Program Office and Staff. Status eligibles may apply. Promotion potential is GS-5.

**No. 62-103, Supervisory, Electronics Engineer, DP-855-3, Code 62551** — Incumbent serves as head of the Special Project Section of the Advanced Systems Branch of the recently reorganized Data Systems Division, Range Department. The branch is responsible for the development of advanced instrumentation systems in support of weapons testing on the ranges. Incumbent will lead and technically direct a multidisciplinary group of S&E and Technicians involved in analysis, design and development of hardware and software associated with range instrumentation systems. **Ability:** to supervise a technical environment; organize and schedule technical work; to communicate both orally and in writing. **Knowledge:** of structured design procedures, of affirmative action principles including a willingness to support EEO. Status eligibles may apply. Previous applicants need not apply.

**No. 621-077, Electronics Technician, DT-856-2/3, Code 62143** — This position is located in the Electronic Section, Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. The work of the section involves the static test and evaluation of warheads and explosives. This position supports the branch in the set-up, operation, and maintenance of data acquisition electronics, timing sequencers and flash x-ray equipment. Typical equipment and devices include: uses tape recorders; digital oscilloscopes; plotters; transducers; signal conditioning equipment; and timed sequencers. Willingness to work out-of-doors and near ordnance. **Knowledge:** of electronic instrumentation techniques. **Ability:** to work alone and as part of a team. Status eligibles may apply.

**No. 625-063, Interdisciplinary (Electronics Engineer/Computer Scientist), DP-855/1550-2/3, Code 62552** — This position

is in the Video Systems Section, Advanced Systems Branch of the recently reorganized Data Systems Division in the Range Department. The branch is responsible for the development of advanced range instrumentation systems. The incumbent will participate in the analysis, design, and development of electronic components associated with range weapon test support instrumentation, including optical, radar and laser tracking systems. **Ability:** to design imbedded computer systems. **Knowledge:** of structured design procedures for both hardware and software, VAX and DEC minis; radar systems. Status eligibles may apply.

**No. 625-064, Electronics Engineer, DP-855-1/2/3, Code 62552** — This position is in the Video Systems Section, Advanced Systems Branch of the recently reorganized Data Systems Division of the Range Department. The branch is responsible for the development of advanced range instrumentation systems. The incumbent will participate in the analysis, design, and development of electronic components associated with range weapons test support instrumentation, including optical, radar, and laser tracking system. **Ability:** to design electronic circuitry utilizing microprocessors, digital and analog components. **Knowledge:** of structured design procedures. **Ability:** to use DEC minis. **Knowledge:** of and/or radar system. Status eligibles may apply. Promotion potential to DP-3.

**No. 625-065 Electronics Technician, DT-856-A/1/2, Code 62552** — This position is located in the Video Systems Section, Advanced Systems Branch of the recently reorganized Data Systems Division in the Range Department. The branch is responsible for the development of advanced range instrumentation systems. The incumbent will participate in the design and development of electronic components associated with range weapon test support instrumentation, including optical, radar, and laser tracking systems. **Skill:** in the breadboarding and packaging of electronic circuitry utilizing microprocessors, digital and analog components. **Knowledge:** of basic test equipment, video and/or radar systems. **Skill:** in printed circuit layout. Promotion potential to DT-3. Status eligibles may apply. Previous applicants need not apply.

**No. 64-170, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer), DP-801/830/855/861-3/4, Code 642** — This position is Head of the Telemetry/Test Engineering Division located in the Aerosystems Department. This division performs development, test and evaluation of telemetry systems and related instrumentation as applied to aircraft, weapons and human/vehicle mounted instrumentation systems. It serves as the lead-lab for the tri-service development of the Secure Telemetry Program. The division also provides for development of instrumentation systems for on and off Center parachute and related escape systems and the Navy's Parachute Test Range. The incumbent reports directly to the Department Head in providing managerial, technical and fiscal planning in support of the assigned programs. **Knowledge:** of electronics and electro-mechanical devices; the test and evaluation process and affirmative action including a willingness to implement EEO practices. **Ability:** to manage an organization; deal effectively with all levels of both technical/management personnel including NWC, other activities, Command, sponsors, and contractors; and make oral and written presentations. Promotion potential to DP-4. DP-4 will be filled by reassignment only.

**No. 08-082, Lead Accounting Technician, GS-525-7, Code 0861.** (This is a temporary promotion NTE 1 yr.) — This position is the

Leader, General Ledger and Cash Control Section of the General Accounting Branch. Incumbent is responsible for the preparation of the Center's NIF Financial Statements and other financial reports; maintenance of the Center's Navy Industrial Fund (NIF) General Ledger, books of original entry and subsidiary ledgers; reconciliation of cash and preparation of daily NIF Cash Balance and Cash Reconciliation statement and cash flow reports; coordination of documentation of cash transactions for entry into the DES Cash Supplement System as well as manual cash accounting system; prepares monthly and quarterly AUTODIN transmission to NAVCOMPT; prepares monthly and quarterly Comparative Analysis of Financial Statement; audits and reconciles general and subsidiary accounts; provides instruction on new accounting methods and directives and advises on extremely complex accounting problems; resolves most problems independently and without specific instructions. Three Accounting Technicians, GS-525-6, are under the general direction of the incumbent. Knowledge required: A working knowledge of accounting techniques and practices, including a good background in the overall operations of the NIF accounting system; an understanding of the purposes, causes, and effects of various approaches and methods to be used; be alert to recognize variations in transactions in order to determine if professional skills are required; be competent, thorough, and reliable in arithmetic ability and posting and reconciling methods; ability to analyze numerous accounts and determine need for, and the type of adjustment necessary to reconcile and balance accounts. Temporary promotion may become permanent without further competition.

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## 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. 12-011, Operations Research Analyst, DP-1515-2/3, Code 12 — This position is located in the Weapons Planning Group (Code 12). The incumbent will be assigned to one of the program areas and will be involved in analysis studies covering a wide range of subjects. Typical duties involve: analyzing performance of existing and proposed designs of weapons and components of weapons; investigating weapon requirements; projecting probable threat responses; or determining the future course of naval aviation and the Center. The results of these efforts are reported both in writing and oral presentations. Submit a current SF-171 to Charlie Anderson, Code 12, NWC ext. 3251. Promotion potential to DP-3.

No. 35-100R, Electronics Engineer/Physicist, DP-855/1310-3, Code 3552 — Position is that of a E/O-IR System Engineer with other emphasis on laser radar. Experience in design and operation of laser radar and other E/O-IR sensors desired. First-Forty work schedule. To apply, submit an updated SF-171 to Stuart Fields (Code 3552), NWC ext. 3571, x297.

No. 35-098R, Electronics Engineer, DP-855-3, Code 3552 — This position is as a Radar System Engineer in support of a ground-based phased array radar. The position is primarily involved with the digital signal processing part of the phased array. First-Forty work schedule. To apply, submit an updated SF-171 to Stuart Fields (Code 3552), NWC ext. 3571, x297.

No. 36-336, Interdisciplinary Electronics Engineer/Operation Research Analyst, DP-855/1515-3, Code 3625 — Incumbent will conduct detailed studies of the survivability of Harpoon to threat hardkill and softkill systems. These studies will usually be documented in position papers, Technical Memoranda briefs to NAVAIR and briefings to Harpoon Survivability Assessment Program (SAP) members. These activities will form the basis for future Harpoon Product Improvements. Knowledge of radar and some computer experience is desired. To apply for this position, forward an updated SF-171 to Cheryl Preul, Code 36209.

No. 36-337, Electronic Engineer, DP-855-3, Code 3625 — Incumbent will conduct studies to establish performance requirements and to determine the expected performance of potential Harpoon Guidance Improvements. The incumbent's performance will be focused on computerized analyses of radar seekers and target classification/selection approaches and

documentation of the studies. FORTRAN computer programming experience is required and knowledge of Radar is desired. To apply for this position, forward an updated SF-171 to Cheryl Preul, Code 36209.

No. 36-313, Interdisciplinary, General/Electronics/Industrial Engineer, DP-801/855/896-2/3, Code 3622 — This position is Production Engineer in the Systems Electronics Branch. The incumbent will be responsible for providing production support engineering for programs supported by Code 3622. This position requires circuit design and analysis knowledge or abilities on analog and digital circuitry, and the ability to work with government and contractor personnel orally and in writing in order to resolve technical ECPs and D/Ws. Submit current SF-171 to Cheryl Preul, Code 36209.

No. 32-189, Interdisciplinary Mechanical/General Engineer, DP-830/801-3, Code 3268 (2 vacancies) — Incumbent will perform as a development engineer for new or improved Weapon Systems. Incumbent will be responsible for conducting analyses, mechanical design, fabrication and assembly coordination, environmental/safety and performance testing, data acquisition and reporting of the new or improved systems to demonstrate feasibility and/or qualification thereof. The tasks associated with the position will be in the area of conventional ordnance covering one or more of the following technologies: Improved MK80 Series Bombs, In-Service Weapon Systems Cookoff Improvement, Advanced Penetrator Warhead and Inertially Aided Munitions. Please send current SF-171 to R. J. DeMarco, Code 3268, NWC ext. 2188. Promotion potential to DP-3.

No. 623-123, Mechanical Engineer, DP-830/1/2/3, Code 6232 — This position is in the Range Engineering Branch of the Range Department. The branch provides engineering support to the Center's ground, air and track test ranges in the areas of test facilities planning and the design, procurement, installation and modification of test range facilities. Incumbent will prepare engineering designs for the modification, fabrication, construction or installation of mechanical/structural test support equipment, structures and related test hardware for range test programs. Incumbent must plan, schedule, coordinate and monitor work to ensure finished product meets design specifications and will fulfill customer requirements. To apply for this position, send a current SF-171 to Eric Kajiwara, Code 6232, NWC ext. 6287.

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

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

No. 24-160, Secretary (Typing), GS-318-6/7, Code 24 — Department Secretary for Safety and Security Department. Position provides secretarial and administrative support for the Code 24 Department Office. Promotion potential GS-7.

No. 31-246, Secretary (Typing), GS-318-4/5, Code 31403 — Provides secretarial support to the Trainer Tactical Software Activity P.O. Status applicants may apply. Promotion potential GS-5.

No. 32-187, Secretary (Typing), GS-318-3/4, Code 3273 — Provides secretarial support to the Systems Technology Branch. Promotion potential to GS-5 level. Status eligibles may apply.

No. 36-338, Secretary (Typing), GS-318-5, Code 3606 — Provides secretarial support to Harpoon Program Office. Secret clearance required. Status eligibles may apply.

No. 36-339, Secretary (Typing), GS-318-4,

Code 3661 — The incumbent provides secretarial support to the Fleet Readiness Branch. Ability to type on IBM Mag Card. Status eligibles may apply. Promotion potential to GS-4.

No. 39-114, Secretary (Typing), GS-318-3/4/5, Code 3911 — Provides secretarial support to the RF Missile Systems Branch. Knowledge of word processors desirable but not required. Status eligibles may apply. Promotion potential is GS-5.

No. 39-115, Secretary (Typing), GS-318-4/5, Code 3944 — Provides secretarial support to the Air-to-Air Guidance Branch. Promotion potential is GS-5.

No. 621-094, Secretary (Typing), GS-318-4, Code 6211 — This position is located in the Ballistics Test Branch and provides clerical support to that office. Status eligibles may apply. Promotion potential to GS-5 but not guaranteed.

## Notice Regarding Training Class Locations

During the next few months while the Training Center is temporarily closed, classes will take place in various locations in the valley. Notification of the exact location and directions on how to get there will be attached to the copy of your training request sent back to you indicating the approval of your enrollment.

There have been a few instances where the student has not received the enrollment approval prior to the start of the class, leading to lost time and effort trying to find the class.

If you have not received an enrollment form by 1 p.m. on the day prior to the start of a class you are planning to attend, call the appropriate number (listed below) to verify your enrollment status and the exact location of the class.

Professional/Technical	NWC ext. 2359
Supervisory/Management	NWC ext. 2349
Safety/Security/Supply	NWC ext. 2349
General Skills/Clerical/EEO	NWC ext. 2686
Academic/Trades	NWC ext. 2648

## Recent additions

CODE	NAME	TITLE
081	Baile, Lawrence E.	Operations Research An.
122	Bowman, Howard L.	Industrial Engr.
24213	Prather, Michael L.	Firefighter
2608	Chambers, Charles E.	General Attorney
3146	Wood, Mary A.	Secretary (typing)
3252	Knapp, Ernest L.	Munitions Destroyer HE
3314	Burkholder, Linda M.	Fiscal Acquisition CLE
3662	Ficenc, Karl D.	Operations Research AN
3892	Rapport, David	Mathematician
3911	Ewbank, Kenneth E.	Electronics Tech.
3912	Essam, Brian D.	Physicist

## Recent departures

CODE	NAME	TITLE
0854	Lemair, Kathryn A.	Clerk-Typist
09201	Altieri, C. Karen	Personnel Staffing Spe.
12	O'Drobinak, Margaret R.	Librarian
2413	Smith, Ellen E.	Police Dispatcher
25244	Tumble, Tennyson F.	Contract Spec.
3104	Lee, James P.	Electronics Engr.
3352	Placencia, Kelly A.	Clerk-Typist
3501	Lough, Gerri D.	Secretary (typing)
3941	Bash, Robyn G.	Secretary (typing)
6202	Fitzpatrick, Catherine	Secretary (typing)



## personnel development opportunity

### INTRODUCTION TO MODERN RADAR

2-6 December, Monday-Friday, 0800-1600, Cerro Coso City Center, Room 107. By: Dr. Stanley Aks, David Lynch, James Mutton, Dr. Jack Pearson, and Dr. Ellis Shamash, from the Evolving Technology Institute.

Intended Audience: Technicians requiring updating on modern radar or junior professionals with no related radar experience.

Scope: Gives a basic explanation of how modern radar systems function and emphasizes system functioning by means of examples. The course covers only the most fundamental mathematics associated with radar systems analysis. The course will teach you how radar is used to measure distance, velocity, bearing, and angular rates; will help you acquire skills in predicting simple radar systems performance by using the radar range equation; and will teach you how each subsystem in a radar works to perform radar measurements and how they function together as a unit.

Deadline: 12 November.

### INTRODUCTION TO SYSTEMS ENGINEERING SYSTEMS ACQUISITION

3-5 December, Tuesday-Thursday, 0800-1600, location to be announced. By: Prof. Benjamin S. Blanchard, Virginia Polytechnic Institute and State University, Blacksburg, Va.

Prerequisite: A baccalaureate degree in some scientific or engineering field is preferred along with some government experience associated with system projects.

Scope: The purpose of this course is to give you an exposure to the system engineering process and some of the key disciplines related to this process. The objectives are:

- To give you a basic knowledge of the system engineering process and its application—system requirements definition, functional analysis, and allocation, etc.
- To help you become familiar with some of the key disciplines related to this process—reliability engineering, maintainability, human factors and safety, logistics, etc.
- To introduce you to some of the tools and techniques employed in system analysis—economic and life-cycle cost analysis, reliability and maintainability analysis, level of repair analysis, modeling, etc.
- To help you become familiar with the management aspects for implementing a system engineering program.

Note: This is an open class and is not part of the Technical Managers' Certificate Program.

Deadline: 15 November.

### RECOMMENDATIONS FOR OTHER THAN FULL AND OPEN COMPETITION (SOLE SOURCING)

10 December, Tuesday, 0800-1130, Michelson Laboratory Auditorium (Room 1000D). By: Pam Thompson, Code 24204.

Scope: This is a "how to" workshop covering what an acceptable sole source should look like. Also

## Soldering course scheduled

A "24-hour High Reliability Soldering" recertification course will be offered November 12 thru 14, 7:30 a.m. to 4:30 p.m., in Building 00459, Dorm 10. The course is for government personnel requiring recertification to WS-6536.

Requirements for the course are: 1. Previous 40-hour solder certification and 2. An eye examination.

For further information contact the Soldering Technology Branch, Code 36814, NWC extension 2720 or 2878.

## Cal-State writing exam set

The Upper Division Writing Competency Examination will be given on November 13. Cal-State Bakersfield students (both undergraduate and graduate) and Cal-State Northridge students may satisfy the writing competency requirements by passing this examination. Cal-State Bakersfield undergraduate students must have completed at least 90 quarter units of college

work prior to taking the exam. Those individuals planning to take the Cal-State Chico course CSCI 172, Systems Architecture, must pass the writing exam prior to the beginning of the course.

The examination fee is \$10. Checks must be made payable to Cal-State Bakersfield. Contact Kelly Newton at NWC ext. 2648 to arrange to take the exam.

covered will be the process itself, signatures required, thresholds, regulations requiring the need for less than full and open competition, and exceptions for going other than full and open competition.

Deadline: 18 November.

### PREPARING INDEPENDENT COST ESTIMATES

9 December, Monday, 0800-1130, Cerro Coso City Center, Room 101. By: Aaron Yon, Code 25203.

Scope: Students will be walked-through NWC Notice 4290, Contract Cost Estimating Guidance, and will be shown how to complete NAVWPNCEN Form 4330/96, Cost Estimating Work Sheet.

Deadline: 18 November.

### PROGRAM PLANNING & CONTROL

2-4 December; Monday and Tuesday, 0800-1600; Wednesday, 0800-1130; Cerro Coso City Center, Room 101. By: Charles Frederickson.

Scope: Topics include definition of the management process, formulation and application of the work breakdown structure, plan development and utilization, progress indicators and analyses, and use of an automated program management system (Mark III) as a tool in planning and control.

Deadline: 18 November.

### PROOFREADING

3, 4, 10, and 11 December, Tuesdays and Wednesdays, 0730-1200, Cerro Coso Community College, Room 219.

Scope: What proofreading is and various techniques involved to proofread effectively. Included are exercises for correct punctuation, capitalization, abbreviations, and numbers.

Deadline: 19 November.

### CONTEMPORARY NAVY WRITING

3 and 4 December, Tuesday and Wednesday, 0800-1600, Cerro Coso City Center, Room 113. By: Casey Reynolds.

Scope: Focusing on Chapter 1, "Navy Writing Standards," of the *Naval Correspondence Manual*, this workshop introduces you to a variety of techniques for mastering the compact, active writing style of today's Navy. You will learn to trim the fat from sentences and paragraphs, choose precise, expressive words, organize with logic and persuasion, and effectively "talk on paper" in the language of intelligent conversation.

Note: This workshop reinforces and supplements three other writing classes: Effective Writing Skills, Technical Writing Skills, and Editing/Rewriting Skills. If you have already taken one or more of these workshops, Navy Writing will reinforce the earlier training.

Deadline: 19 November.

### OFFICE MANAGEMENT SKILLS

3-5 December, Tuesday-Thursday, 0800-1700, Cerro Coso City Center, Room 102. By: V. Slywka.

Scope: Examines contemporary fundamentals of office management from a problem-solving perspective. Includes social, economic, and technological pressures on management.

Deadline: 19 November.

### INTRO TO SOFTWARE MANAGEMENT

6 December, Friday, 0800-1600, Commissioned Officers' Mess Chart Room. By: D. Farrell, Code 01A51.

Scope: Topics include development process; past, present, and possible future technology and its effects; organizations involved; official guidance; instructions, standards, and specifications; documentation acquisition; detailed consideration; and management approaches and problems.

Deadline: 22 November.

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