



PAINTING FROM LIFE — Hamil Ma likes to hike, ski or snowshoe to a likely location, then set up and spend the day painting that which he sees.

Hamil Ma featured as artist of month by museum gallery

Featured artist for the month of November at the Sylvia Winslow Gallery of the Maturango Museum is Hamil Ma, who is enjoying his third time as guest artist at the local gallery. A reception to honor him will be held at the museum on Sunday from 2 to 4 p.m., and the public is invited. The reception and exhibition are both free.

Hamil Ma (who prefers to be known as Hamil) has been painting seriously since he was 8 years old, and has studied at Otis Art Institute of Los Angeles. He has exhibited extensively throughout southern California.

Hamil was born in Koko-Nor on the Tibetan Plateau of Northwest China. He immigrated to the United States in 1959, and is a naturalized citizen of this country.

He and his wife, Dr. Charlotte Lowe-Ma, moved to Ridgecrest in 1979. She is an X-ray crystallographer at NWC.

The Maturango Museum building fund will benefit from the sale of any of Hamil's paintings on display at the museum.

College-age musicians to sing, entertain at All Faith Chapel

Carpenter's Tools, a group of college-age musicians, will present a program at the All Faith Chapel on Thursday, Nov. 7, at 7:30 p.m. There is no admission charge, and guests may be brought aboard the Center to attend the concert.

The group is sponsored on its tours by Youth For Christ. Presently it is appearing at churches, high schools, community events, television and conventions, both in this country and abroad.

Carpenter's Tools sing a wide variety of music from gospel to hymns, and classical, folk and contemporary Christian numbers. They accompany themselves with piano, guitar, flute, recorder, synthesizer, bass and drums.

They will also show a multi-media presentation and will talk about their travels to such remote parts of the world as China, Mongolia, Bolivia and Hong Kong.

Movies

FRIDAY, MONDAY	"CAT'S EYE" Starring Drew Barrymore and James Wood (Suspense/Horror, Rated PG-13, 94 min.)	NOV. 1, 4
SATURDAY	"SECRET ADMIRER" Starring C. Thomas Howell and Lori Loughlin (Comedy, Rated R, 98 min.)	NOV. 2
SUNDAY	"JUNGLE BOOK" Voices by Phil Harris and Sebastian Cabot (Animation, Rated G, 78 min.)	NOV. 3
WEDNESDAY	"CAVE GIRL" Starring Daniel Roebuck and Cindy Ann Thompson (Comedy, Rated PG, 85 min.)	NOV. 6
FRIDAY	"D.A.R.Y.L." Starring Mary Beth Hurt and Michael McKean (Science-Drama, Rated PG, 99 min.)	NOV. 8

Showing Times: Matinee / 2:00 pm Evening / 7:00 pm
Box Office Open: Matinee / 1:30 pm Evening / 6:30 pm

(G) ALL AGES ADMITTED
(PG) PARENTAL GUIDANCE SUGGESTED
(R) RESTRICTED
Under 17 Requires Accompanying Parent or Adult Guardian

Welcome aboard party for JPs, officers scheduled Nov. 14

All Center personnel are invited to attend a welcome aboard party to be held for new professional personnel and military officers. The party will be at the Commissioned Officers' Mess on Thursday, Nov. 14, starting at 5:30 p.m.

Donations are \$3 per person, except for the honored guests and their spouses, and no reservations are required.

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.

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

Halley's Comet topic of free public talks on Monday, Tuesday

"The 1985-86 Return of Halley's Comet" will be the topic of two lectures presented next week by Jim McMahon of the China Lake Astronomical Society. Both lectures are free and open to the public.

On Monday, he will present the illustrated lecture at a meeting of the China Lake Astronomical Society at 7:30 p.m. at the Ridgecrest library, 131 Las Flores. He will repeat the talk Tuesday at 7:30 p.m. at the Maturango Museum.

New library hours

The Center library will be closed to the public the first Wednesday of each month beginning November 6.

Regular library hours are: 8:30 a.m. to 8 p.m. Monday — Friday and 10 a.m. to 6 p.m. Saturday and Sunday

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FROM: _____ PLACE STAMP HERE

TO: _____

NWC Rocketfeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XI, No. 44 / November 1, 1985

Infrared augmentor tests said very successful

"We had some very interesting flights," says Gary Bailey, who, with Harlan Reep as the other pilot, flew test missions at daybreak in the desert at White Sands to test infrared augmentors for an Army missile seeker program.

Target for the infrared signature measurement test program carried out by NWC's Optical Signatures Branch, was an Army Firebee drone. The MQM-34D drone is half the size of a T-38 aircraft. It was launched from a 40-foot trial to fly at speeds of 360 knots and at a 2,000-foot altitude.

"An erratic flight," adds Bailey, because he and Reep had to fly the Center's T-39 aircraft in formation with the drone while Barry Thompson from the Optical Signatures Branch and Mike Carragio from the Systems Integration Branch measured the target signatures. Once the jet engine on the drone shut down, the drone would pitch up and be lowered to earth by a parachute that then deployed.

Since these flights took place at first light (launch times were between 4:30 and 5 a.m. at White Sands), Thompson and Carragio, the two engineers, were often up most of the night in preparation. Due to the amount of equipment installed in the small cabin, the two men spent their flight time on their knees in a cramped and uncomfortable position so measurements could be made.

"Flying formation with an unmanned missile," notes Bailey, "is a two-pilot operation and isn't much fun for anyone, but the two engineers in the back really had the worst of it."

The aerial tests were the final tests conducted in a series to determine whether augmentors developed by two companies could be used to adequately simulate infrared signatures of full-scale aircraft. These augmentors will be used for development and testing of a new seeker for the Army's Chapparral surface-to-air missile. The new seeker, developed by Ford Aerospace and Communications Corporation for the Army Missile Command, operates in a spectral band for which little

radiometric data has previously been gathered.

NWC's Optical Signatures Branch began work in 1982 on IR characterization studies to help in the development of air targets for use in the seeker test and validation program. A goal of this work was to develop subscale targets that could realistically, in two spectral bands, simulate radiant intensity levels, plume length and modulation, spectral distribution and other characteristics of an actual target.

Ground tests conducted by the Army and

the Optical Signatures Branch at the Center's Aircraft Survivability Range (now the Weapons Survivability Range) measured IR signatures of subscale target drones and augmentors in simulated flight conditions, but aerial tests were needed to validate the results. "The effect of airflow is different in flight than when simulated on the ground in tests," notes Thompson wryly.

The Center's T-39 aircraft was instrumented to measure and record IR signatures of the targets. Instrumentation

included a 16-mm motion picture camera; a charge-coupled device color TV camera; three radiometers (one an imaging radiometer); and a variety of recorders, monitors, power supplies and associated equipment. The large number of instruments that were required pushed the T-39 aircraft to its maximum gross weight.

Getting all the radiometers and cameras mounted so that they would simultaneously look through the small windows was very challenging, says Thompson, the program

(Continued on Page 4)

Annual gem, mineral show sales tours, exhibits, demonstrations

Rock buffs and rock buffers alike look forward to the Indian Wells Gem and Mineral Society's 29th annual show tomorrow and Sunday. The show, which is free and open to the public, will be held at the China Lake Arts Center at the corner of Blandy Avenue and Lauritsen Road.

The Saturday hours are from 9 a.m. to 7 p.m., and Sunday, from 9 a.m. to 6 p.m. In

addition, field trips have been planned for both days, with Saturday's trip to Lava Mountain leaving the Arts Center at 9:30 a.m. and Sunday's to Rainbow Ledge leaving at the same time and place on that day.

About 60 cases of gems, minerals and fossils will be on display. Demonstrations of rock arts will be ongoing, such as faceting, arrowhead making, and the operation of a sphere-making machine.

Visitors can also purchase cutting materials and minerals at a sale booth. Door prizes prove an added attraction. Those who work up a good appetite while looking at the rocks and watching demonstrations will be able to buy sandwiches, cookies, pie, drinks and other goodies at a snack bar.

NEW News

Home improvements are still the focus of this week's sale items from the Navy Exchange, with the sale lasting to Nov. 3. Items included on sale are such as paint, Wagner tools, faucets, bath sets, and other small household items.

The Wedgewood china and crystal sale is underway for anyone planning to set a luxurious table for the holidays. (With Thanksgiving nearly here, Christmas isn't far off.)

Today and tomorrow patrons of the NEX can still take advantage of specials for the Personalized Services Store's grand opening. Specials include giftware, cut flowers, and dry cleaning among other unadvertised sale prices.

Plaza truck-load sale set today, tomorrow

Bargain hunters still have today and tomorrow to take advantage of the giant truck-load sale at Bennington Plaza.

All Center Personnel, military and civilian, and their dependents can purchase the wide range of meat, fish, spices, paper products and other sale items at dramatically low prices.

This is a superb opportunity to stock freezers and shelves for the scrumptious meals that accompany the holiday season.

Weather Report

	Max	Min	Peak gust
Fri.	87	40	9 knots
Sat.	85	41	13 knots
Sun.	88	41	11 knots
Mon.	85	53	11 knots
Tues.	86	40	10 knots
Wed.	83	39	26 knots
Thurs.	82	36	28 knots

All measurements are made at Armitage airfield.

Community Events

Military retirees will be honored at the Chief Petty Officers' Mess tonight at their Military Retirees Appreciation Night. The cost will be \$5.50 per retired military couple and \$10 per active duty couple. The dinner special will be steamboat round beef which will be served from 7 to 9 o'clock. Entertainment provided by "The Legends" will begin at 8:30 and continue until 12:30 a.m.

The Enlisted Mess invites VX-5 personnel to enjoy themselves at the VX-5 Halloween Party tonight from 8:30 to 1:30 a.m. Entertainment will be provided by VX-5. Guests can enjoy the EM's disco night every Wednesday. "Upstage" will begin at 8 and conclude at midnight. Admission is \$1 per person with a social hour beginning at 4:30 p.m.

Maturango Museum will have a block-signing and garage sale tomorrow from 8 a.m. to noon at its new building at China Lake Boulevard and Las Flores in Ridgecrest.

Those who'd like to contribute \$5 for a building block will receive a certificate of ownership for that block and will be able to sign their names on the block as a permanent reminder that they have made the new building possible. (These blocks also make great gifts for friends or relatives, who can have their names permanently enshrined.)

At the same time, the museum's garage sale will continue. Many of the items contributed for last week's garage sale are still available, and many of these have been marked to half of the already low prices.

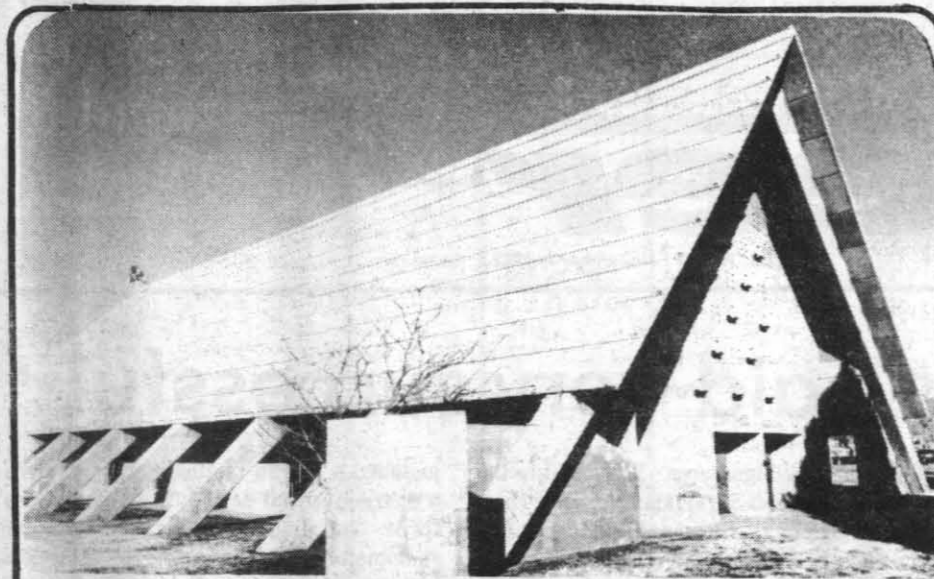
The Cactus Squares Square Dance Club will hold its election dance tomorrow night starting at 8 o'clock at the Senior Citizens Center, 125 S. Warner St. in Ridgecrest. Garland Freeman from Barstow will call the squares and Chuck Hall will cue rounds.

Further information can be obtained by telephoning Rick and Sandy Kasper at 375-9329.

At 7:30 tonight the curtain will rise on the China Lake Players production of "Footlight Frenzy," a hilarious comedy dealing with a play within a play. The performance will also be seen tomorrow and the weekends on Nov. 8 and 9 and 15 and 16 at the Playhouse, located at the corner of Lauritsen Road and Blandy Avenue.

General admission is \$3.50, with students, senior citizens and enlisted military admitted for \$2.50. Reservations can be obtained by telephoning 375-4001.

The second rehearsal of the community group that will present Handel's oratorio, "The Messiah," will be held at the All Faith Chapel on Sunday from 3 to 5 p.m. Anyone interested in participating is urged to attend.



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	

New Spec Library hours listed

Starting Monday, Oct. 28, the Specifications Library has been open from 9 until 11:30 a.m. and from 12:30 to 2:15 p.m. The library is located in Rm. 10 of Old Dorn 2, near the intersection of Hussey Road and

Blandy Avenue. In case of a real emergency, the librarian, Ray George, can be reached at NWC ext. 3389 during working hours when the Specifications Library is not open.

Opportunities to grow professionally plentiful here says Barbara DeVries

"Ridgecrest," according to Barbara DeVries, "is a great place to live, but you wouldn't want to visit here."

She says when she and her husband, Larry, moved to the area after a nine-month stay in Illinois in 1975, they felt like they'd come home.

And, she says, the growth opportunities here, especially at NWC, are outstanding.

While they lived in Duarte, Mrs. DeVries had worked as assistant office manager for a neurological corporation. Once in Ridgecrest, she tried her hand at working in insurance and didn't like that. She then worked with learning disability students at Burroughs High School before applying at the Center.

"And in 1979," she says, "Dick Fulmer hired me to work in the Energy Program Office, and I really enjoyed it."

One of the reasons was "that I had the opportunity to get into a lot of activities other than typing and filing." For example, she invented the character "Granny Franny" to promote energy conservation on Center and visited local elementary schools

and talked to the children about alternate energy sources and conservation. In addition, she made the energy conservation talks to other groups, such as going as far as Lone Pine to talk with various Indian groups there.

"I'll be eternally grateful to Dick for giving me the opportunity to try my wings," Mrs. DeVries notes. "He encouraged me to take advantage of all that the Center has to offer for career enhancement."

In 1981, she moved to the Ordnance Systems Department where she is the department secretary. She is very enthusiastic about the variety of special tasks and learning opportunities in which her boss (Carl Schaniel) has encouraged her to become involved. She is very serious when discussing the opportunities at NWC and feels that "it is a place where you can make a true personal commitment to grow and you will be given every opportunity to do so."

To emphasize this point Mrs. DeVries says, "I've decided that I'd really like to eventually become a management

Cocaine more harmful than heroin according to lab tests of animals

Researchers have found that monkeys will take cocaine instead of food and water until the point of death and have also discovered that rats with unlimited access to cocaine have almost three times the mortality rate as rats with limited access to heroin.

And humans aren't doing much better. According to National Institute of Drug Abuse Director Dr. William Pollin, cocaine-related deaths in the United States rose by 91 percent from 1980 through 1983.

Cocaine can be a problem, even for first time users. Illegal cocaine is always "cut" (adulterated) and some of the additives can cause harmful reactions of their own. If a person accidentally takes an overdose, acute cocaine toxicity can result — the user may experience extremely rapid heart rate, abdominal pain, convulsions and even death. When cocaine is "free-based" — mixed with flammable solvents to convert

it to a purer form that is smoked — there is the danger of explosion and fire.

Cocaine reaches the brain quickly — three minutes if snorted, 30 seconds if injected, and even quicker if free-based. The brief — usually 30 minute — feeling of elation, increased strength, self-confidence and alertness is often followed by feelings of fatigue and sadness. Compulsive users take cocaine frequently to try to avoid the crash. Former professional football star Carl Eller said that for him, the "low" following a cocaine high was much lower than any he'd ever experienced before using cocaine.

Heavy cocaine users become irritable, restless and extremely suspicious. Some persons experience hallucinations — the feeling that their body is crawling with insects — "cocaine bugs." Heavy chronic use can lead to cocaine psychosis — extreme paranoia and detachment from reality.

Timecards needed next Tuesday because of holiday on Nov. 11

All personnel who are responsible for the submission of timecards are reminded that because of the Nov. 11 Veterans Day holiday timecards for the regular workweek ending Nov. 9 must be turned in by 4:30 p.m. on Tuesday, Nov. 5.

This is necessary in order to meet the normal payday of Nov. 15. No timecards are to be held out since failure to provide the Payroll Office with an accurate timecard by the Nov. 5 deadline may result in a delay in pay for employees.

In order to meet the Nov. 5 deadline, it will be necessary for departments to project or estimate what will occur on Wednesday, Thursday, Friday and Saturday, and submit the timecard by 4:30 p.m. on Tuesday. On Wednesday afternoon, if it is discovered that the timecard projections are in error as submitted, the errors can be

corrected by submitting a corrected timecard annotated as such, between 11 a.m. and 3:30 p.m. on Nov. 6. Errors discovered after 3:30 p.m. should be corrected by sending a memorandum to the Payroll Office, Code 0853, the following week.

Any overtime worked after 4:30 p.m. Tuesday, Nov. 5, through midnight, Nov. 9, should be submitted on a supplemental timecard for payment the subsequent pay period.

NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)

NWC Rocketeer

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HERE IT IS — Barbara DeVries shows where the department office is located on a map indicating Ordnance Systems Department laboratories. — Photo by PH2 Rick Moore

Traditional Japanese tea ceremony presented

Demonstrating the grace and charm of the Japanese tea ceremony to members and guests of the Military Officers' Wives Club, Kiyoko Takishita dressed Cecile Dickerson in an antique kimono and then served the Skipper's wife tea.

Mrs. Takishita, wife of Major Yukio Takishita, AIM-9L Co-Producer Liaison Office for the Japan Air Self-Defense Force, studied under a Tea Ceremony Master for 12 years and is a certified instructor in the ancient ceremony in Japan. The ceremony itself follows hundreds of years of tradition.

First, Mrs. Dickerson was dressed in the kimono made of pure silk. The first garment fitted to her (after she was assisted in putting on tabby socks) was an under liner or kimono slip, whose collar is carefully fitted to indicate marital status; a married woman's collar rests down off the neck slightly and her bustle is fitted somewhat lower than that of a young girl.

A series of eight belts were worn by Mrs. Dickerson with the underlining and with the kimono itself. More elaborate kimonos are worn at ceremonial occasions, such as weddings, when a bride is wrapped much tighter and with many more belts and coverings.

Mrs. Takishita and Mrs. Dickerson then greeted each other with a bow, and, as Mrs. Dickerson was seated, the actual ceremonial cleaning of the serving bowls and preparation of tea began.

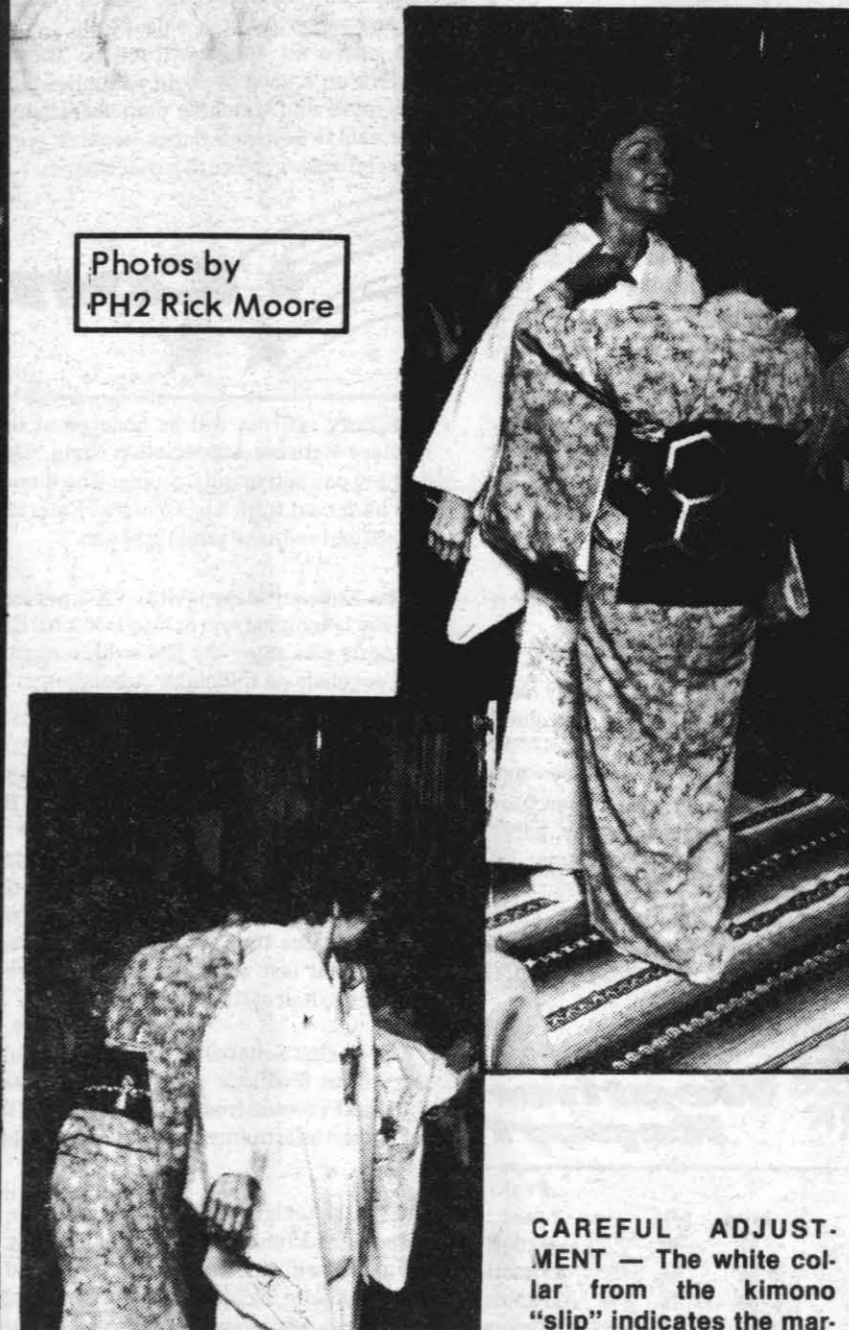
Emphasis of the ceremony is placed on hospitality and the feeling of the guest. Seven rules for the ceremony were established by a man named Rikyu in Japan about 500 years ago — and are still followed today to ensure that the guest will be able to enjoy the meditative peace brought by the ancient ceremonial sharing of tea.



CONCENTRATION — Mrs. Takishita prepares the bowls and the tea to serve to Mrs. Dickerson during the formal tea ceremony.



FINISHING TOUCH — Mrs. Takishita sets the bustle and sash into place. A total of eight belts were used to complete the formal robing of Mrs. Dickerson, although more would have been used were this for a wedding rather than the tea ceremony.



Photos by PH2 Rick Moore

CAREFUL ADJUSTMENT — The white collar from the kimono "slip" indicates the marital status of the wearer. A married woman wears the collar more loosely than a young girl.

PROPER DRAPING — Getting the sleeves of a kimono to hang in the correct spot over the liner takes care.

Youth Soccer League play continues on Center

Saturday's play marked the end of the fifth week of NWC Youth Soccer League competition. Action continues this Saturday with games starting at 8 a.m. on Knox West, Knox East and Davidove Fields.

Division One
Express 3, Owls 0
Chris Potten booted in all three goals as the Express squad was an easy winner. Bobby Nelson's defensive play was a key factor as well. John and Jonell Hopeck led the Owls defense while Josh Trigg was the goalie.

Chiefs 4, Eagles 4
A high-scoring, well played game found Neil Covington's three-goal effort almost enough for the Chiefs. Vaskan Haroutunian had two goals while Dan Hartley and Chris Branson had one each to bring the Eagles in for a 4-4 tie.

Fury 1, Coyotes 0
Derek Falk and Bill Yeager combined in goal to blank the Coyotes. The only goal of the game by Lacy Cordell was enough for the win. Matt Girardot, Robbie Moran and Dale Garland were key players as the Coyotes kept it a tight game all the way.

Road Runners 4, Apollos 2
Behind two goals from Matthew Armstrong and solo sources by Jennison Kenady and Daniel Francis the Road Run-

ners were big winners. Glenn Baker notched both goals for the Apollos while a strong defense led by Mark Steinmetz and Ethan Plugge kept it a close contest.

Rowdies 3, Cobras 0
The Cobras played strong defense led by Richard Martin's goalie work. William Page also was a defensive leader. On a pair of goals by Jason Bowling and a single score from Mike Hobson the Rowdies bombed the Cobras. Nick Ford helped the defense maintain the shutout.

Division Two
Blizzard 2, Earthquake 1
Close all the way, the Blizzard squad used stingy defense to hang on for the win. David Renner and Joe Mechtenberg did the scoring in the win. Joe Tuipala had the only goal for Earthquake players, while Romine Morin and Phil Nave were defensive stalwarts.

Sockers 3, Aztecs 0
Miles Ross scored all three goals as the Sockers were big winners. Dustin Haynes, Adam Summers, Mark Castillo and April Lawrence were all key players. The opposing coaches work for the same firm and this was a grudge match. The Aztecs got good solid play from Ben Friedman, Justin Head and Chad Killinger.

Cosmos 5, Timber 1
Able to get only one goal, the Timber team was leveled by the Cosmos. Todd Redmond notched the lone Timber goal while Brian Hire, Andy Lopez, John Orozco and Joe Lint played well. Bob Long scored twice with Damon Kelling also hitting twice and Sean Williams added a single goal for the easy win.

Sting 4, Drillers 0
It was a fast-paced game featuring solid defense. Issac Curran and Miranda Varney

led the Drillers. The winners came up with two goals in the first quarter for the easy win. Justin Ward, Thomas Agagni, Howard Gamble, Chris Blevins and Melanie Lloyd had good performances.

Strikers 1, Lancers 1
Marv Semancik scored for the Strikers thanks to an assist from Tiffany Marshall. Renee Armstrong had the only goal for the Lancers while Tom Badgett and Eric Armstrong were top defenders.

Division Three
Rogue 4, Tornado 0
Three players shared in scoring for the Rogue team. Mike Graves had two goals while Robin Hemmings and Steve Lundwall had one each. David Lawrence played a good game in goal while Ted Mechtenberg and Jimmy Bailey led the offense for the Tornados.

Whitecaps 2, Surf 0
Another shutout win for the Whitecaps. The losers got a good game from goalie Paul Solem and defenders Brendan Weimholt and Freddy Crouse. The winners were led by Ryan Christensen and Fletcher Nelson in the 2-0 contest.

Diplomats 2, Kicks 1
An exciting game between evenly matched teams. Jimmy Ball, scored once for the Diplomat team, then Mike Strathee notched the winning goal assisted by Ball and Roger Walden. Alex Valdivia had the only goal for the Kicks while assisted by Nathan Nickell. Coaches called it the best game of the year for the Kicks.

Sounders 2, Roughnecks 2
Tofi Tuipala scored twice for the Sounders in the tie contest. Michael Kinne and Beau Arnold also played solid games for the Sounders. The Roughnecks got good performances from Ryan Phillips, Tom Watt, Rodney Nutter, Jon Rae, Chris Maloney and Jason Miller. Their coach said it was one of their best games this season.



Sports



SECOND LEG — A triathlon contestant starts on the eight-mile bicycle portion of the rugged event. The NWC Triathlon was held Saturday with more than 80 persons taking part.

Under-19 team bows to Redlands

Late in the first half last Saturday the Redlands United team notched a lone goal against Ridgecrest's Under-19 Soccer Club and knocked the Scorpions out of a chance to end regular season play in first place.

The Scorpions ended the fall regular season with as fine a road game as they played all year, but a single goal kept them from victory. The best the Scorpions can do is finish second if San Bernardino is defeated tomorrow.

Coach Karl Kauffman said the players are ready for the league cup tournament set Nov. 9-10. He felt the Scorpions will be able to hold their own against Inland Empire Youth Soccer League powers in tourney play just as they did during regular season action.

Ending with a 5-3-2 mark, the Scorpions will send many of the players to Burroughs High's team next month and will start spring soccer league action in March.

Defenders, paced by Jason Cherry in goal, deflected all but one of the Redland's efforts at scoring. Cherry made two quick saves late in the game, one of them on a penalty shot by United. Neil Johnson, Mike Mills, Brian Hayes and Roger Smith joined by Cherry in keying defensive efforts.

Scott Hannon, sparked on offense as did Scott Piri and Bill Ledden, at least for a while.

The regular season ended a week early when Yucaipa, 0-10, folded and forfeited the game set for tomorrow to the Scorpions.

Young Scorpions share first place

Moving into a first place tie, the Under-16 Scorpion Soccer Club knocked off the previously unbeaten Barstow Condors on Saturday, 5-0.

The Scorpions, dropped for their only loss by this same Barstow team in the season opener, gained revenge and a share of the lead with this critical win.

Craig Rindt gave the winners their opening goal, taking a pass from Armando Valdivia early in the first half of play. Valdivia joined the scoring parade just moments later as he took a pass from Chris Johnson for a 2-0 Scorpion advantage.

Rindt opened second half scoring with a goal. He then moved into goal when Jason Okamoto was injured and became the only goalie with two goals in a game.

Scorpion scoring continued when Matt Ziegler and Matt Mechtenberg scored successive goals for the final 5-0 margin of victory.

Fishing improves at lake

by MIKE VRADENBURG
Cool nights and calm mornings have made fishing productive for trout, bass, bluegill, and catfish at Lake Isabella. Trout fishing is best in the river, from KR3 to Riverside Park.

The river has been planted heavily, and anglers are finding easy success using red salmon eggs for bait. Trout fishing in the lake is starting to become active; along the Auxiliary Dam anglers have been catching one pound trout on red salmon eggs and nightcrawlers.

Anglers trolling along Piney Point, Camp Nine, and around Rocky Point to Lime Dyke have been catching two to three pound trout. Needlefish and Rapala lures are producing the best trolling two colors down with leadcore line. Bass fishing has

greatly improved from previous weeks. The lake's water temperature is dropping, and anglers are finding success fishing deep in the early morning.

Live baits with light tackle are the most productive. Anglers are fishing off of Rocky Point and Piney Point with four and six pound test line. Nightcrawlers, waterdogs, and crayfish are the baits being used. Anglers are casting out and letting the bait settle near the bottom as their boat slowly drifts.

Most bass being caught are weighing one to three pounds, but larger ones up to 12 pounds are being weighed in. Bluegill are plentiful and are easily caught on worms near Lime Dyke, Piney Point, and Rocky Point.

Catfishing is still real active.

'Coyote Chase' set for tomorrow

The "Coyote Chase", a two mile run, will be held at Cerro Coso Community College tomorrow at 9 a.m. The race is sponsored by the Associated Students of Cerro Coso and is open to the public. Sign ups by age and gender will begin at 8 a.m. in the Cerro Coso parking lot with the race beginning at 9 a.m.

Entry fees are \$2 for general, \$1 for 14 and under and free to all Cerro Coso Community College ID card holders. For more information, contact Betty Miller, Race Director, at the College, 375-5001, extension 353.

Golf Club meets to discuss dues

There will be a general meeting of the China Lake Men's Golf Club on Wednesday, Nov. 6 in the clubhouse at 5 p.m. to discuss dues and other matters.

Ev Yelland, Golf Club Secretary, said the session will include discussion of dues for next year, the raising of Southern California Golf Association dues and the appointment of a nominating committee or possible nominations of club officers for 1986.

New officers will be elected this December and take office in January, 1986.

Modern Trophy takes lead

Modern Trophy moved into first place in Premier Bowling League standings this week. The Modern Trophy team sports a 751/2 - 441/2 record while the second place Buggy Bath team comes in at 731/2-461/2 while the Hiway team holds the number three spot.

The Elks Lodge is fourth with their 681/2-511/2 record while Thrifty Wash, Hoopers Troop and The Place bring up the rear of the standings. Buggy Bath bowlers rolled a 785 team game while recording a high team series for the week of 2,106.



The Skipper Sez...

QUESTION

Civilian — I understand that employee tardiness can be a major concern and that employees are strongly encouraged to be on time to work. But should promptness take precedence over safety in the California vehicle code? Recently I stopped at the intersection of Downs and Las Flores while a child crossed in the cross walk. Another vehicle pulled along side, hesitated at the stop sign and zoomed through the intersection in front of the child. I followed to get his license once the little girl was clear. To my surprise, the driver proceeded north on Downs at 70 miles an hour and did the same up Inyokern Road. He went through the main gate at nearly fifty and squealed tires making the turn onto Armitage Field Road. He was finally slowed enough to let me catch him on Blandly when another car going the speed limit got in front of him. I wrote down his license and reported it to the CHP. But I think it's worth mentioning in your column. I say, if it's important enough to do that to get to work on time, it's important enough to get up earlier. But even if you're late, is it important enough to risk a citation, or worse, accident and injury? Could you address this in your column, please. Thank you.

ANSWER

As Commander of the Naval Weapons Center I feel a strong obligation to do my best to make China Lake a safer place to live and work. There are more people killed or injured in traffic accidents each year than by all of the felonious assaults in this state. It is estimated that the financial loss per accident is nearly seven thousand dollars.

I recently witnessed a similar incident with excessive speeds and other unsafe driving practices. In that incident I reported it to the China Lake Police and signed a traffic complaint against that driver. Needless to say, the person will not be permitted to drive on NWC property again.

I agree with you, being late is never an excuse to break the law, and anyone who drives at a speed greater than is safe for the prevailing conditions is just aiming around 2,000 pounds of deadly force.

I ask that everyone does his part and obey the traffic laws in force on the Center. Each of us acting in concert with our fellow citizens can reduce the unnecessary death and pain caused by someone's failure to obey traffic laws.

Please report any traffic violations to the China Lake Police. They stand ready to assist all of us make the Center a safer place.

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

Milestone achieved by QF-4 Scale Aerial Targets Program

Technical evaluation of the QF-4 was successfully completed by the Pacific Missile Test Center, Point Mugu, according to information received by Glen Hollar, head of the Full Scale Aerial Targets (FSAT) Office in NWC's Aircraft Department. This major milestone signifies the transition of the QF-4 program from full scale development to production.

NWC is the lead laboratory for the design and development of FSAT. FSAT is an aircraft that has been converted into an all-attitude remotely piloted vehicle. Because these vehicles or drones have the ability to simulate enemy aircraft maneuvers, they provide realistic targets for the testing of live-warhead and telemetered missiles. The QF-4 is the Center's newest FSAT.

During a recent ceremony held at Hangar 2 at Armitage Airfield, Capt. K. A. Dickerson, NWC Commander; Burrell Hays, NWC Technical Director; and Bill Porter, NWC Test and Evaluation Director congratulated the QF-4 development team members for having provided a modified F-4 aircraft to support the Navy's air-to-air surface-to-air weapons program.

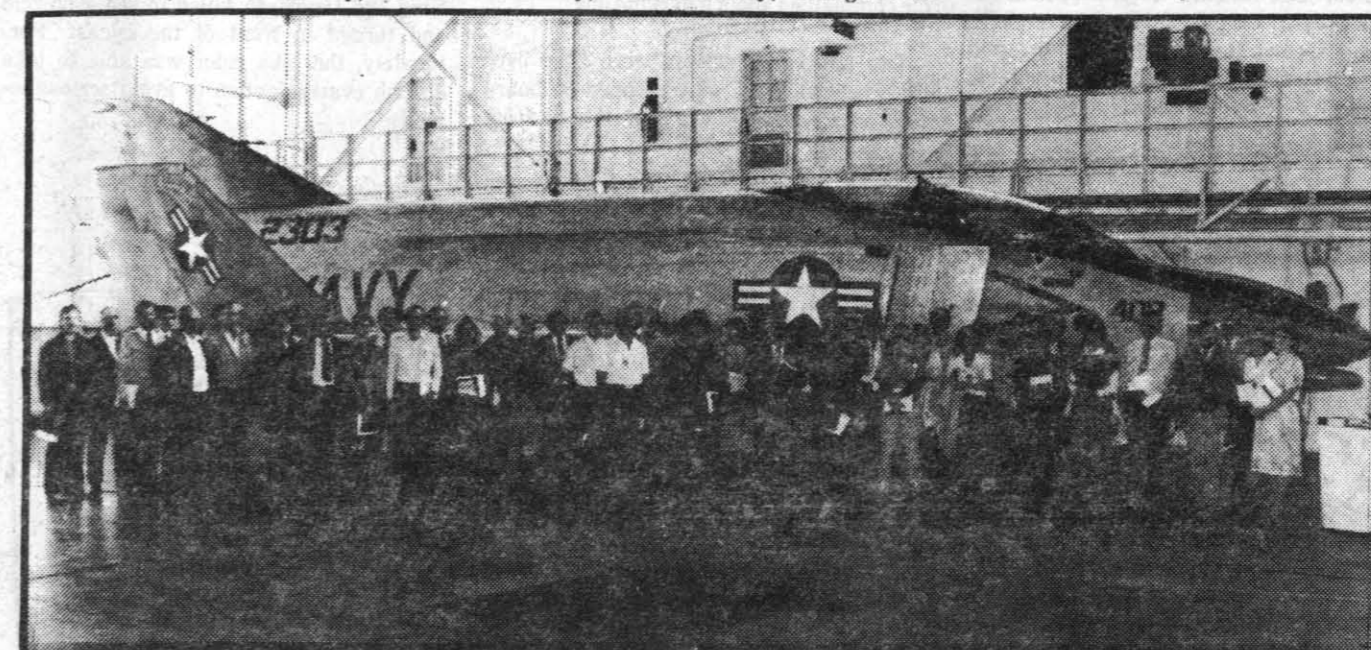
Hays presented each team member a Letter of Appreciation signed by Capt. Dickerson. Also presented during the ceremony was an Aircraft Department certificate signed by Capt. J. A. Patterson, head of that department, and a QF-4 FSAT plaque.

The Aircraft Department (Code 61) team members recognized for their managerial support and flight testing and evaluation of the prototype aircraft were Ed Donohue, James Bowen, Mark Backes, Tom DiDomenico, Mary Feldman, Edebra Fischer, Robert Byrne, Jay Bornfleth, David Eiband, Ellen Thornberry, Robert

Devere, Conrad Fairchild, Lynn Kern, Jack Sherrick, Harlan Reep, Richard Wright, John Haynes, Wayne Greene, Michael Kaspar, Richard McGlade, Norman Osmon, Alan Sorensen, Gordon Zurn Jr., Joseph Mendiola, and Ens. Edward Kenlon. Recognized from the Weapons Department (Code 39) for their technical expertise in incorporating the prototype design changes and defining production test requirements were Ronald Doucette, Ronald Wilson, Walter Beebe, Gerald Clayton, Harold Duff, Cary Fairchild, Carl Finch, Donald Harris, Gerald Hartley, Martin

Johnson, Joe Kitchens, David McCulley, Sally Salzwedel, Darrin Swanson, Michael West, and Leo Budd.

The Engineering Department (Code 36) presentations went to Daniel Brown, Kirk Armstrong, Eldon Barkman, Phyllis Brandt, Randy Childress, Marie Ford, Michael Grove, Rick Hahn, Forrest Hill, Leonard Holmes, Allan Jackson, Richard Lewis, Rebecca Mahan, Jerry Maurice, Gordon Shumway, Robert Trail, Anita Trenholm, and Arthur Warnock. Their expertise in the areas of quality assurance, reliability, maintainability, configuration



GOOD WORK — Members of the team working for the Full Scale Aerial Targets (FSAT) Office gather by a QF-4 at a ceremony marking a major milestone for the program: the successful completion of technical

evaluation of the QF-4 by the Pacific Missile Test Center, Point Mugu, signifying program transition from full scale development to production. The ceremony was held in Hangar 2.

Navy lab DEEOs gather at Center to simplify, streamline operations

Deputy Equal Employment Opportunity Officers from all Naval Laboratories recently gathered at China Lake to share insights and build better working relationships with each other.

A main goal of the group is to streamline EEO operations and to make these more productive. Each type of reporting requirement was examined to determine who needs the report and its use. Recommendations will be made to cancel any that are not really useful.

Those attending were especially interested in the impact of NWC's move to incorporate EEO functions with the Personnel Department and to cross-train EEO specialists and personnelists. NWC was the

Payroll Office solves problem with optional insurance deductions

A problem with the optional life insurance was called to the attention of the Payroll Office on the pay period ending May 25. Upon examination, it was determined that employees who had a birthday in 1984 that would have moved them into a new age category with an increased deduction did not have their deduction change as it should. This has resulted in employees being underdeducted on life insurance beginning the pay period that ended Jan. 19.

Affected employees were moved in to the correct category on the payroll ending June 22, so correct amounts have been deducted since that date. A retro has been computed and deductions will be started to recover the amount owed. A copy of the retro has been mailed to each affected employee.

In order to accomplish this paycheck by the end of the year, the amount will be equally divided over the last four pay periods, beginning with the paycheck on Nov. 15.

If anyone desires an alternate payment plan, that person should contact the Payroll Office, Code 0853, NWC ext. 2121.

first laboratory to try the incorporation of the two groups; outstanding success here has led to the same move being made by three other laboratories.

NWC is also in the lead in tying together performance planning and affirmative action planning cycles, using the Internal AAP as a working document for supervisors.

The laboratory DEEOs will be participating in future Inspector General inspections and Personnel Management Evaluations in the EEO area.

A highlight of the meetings, chaired by Benita Morris, DEEO for the Director of Naval Laboratories, was a reception attended by NWC top management, indicating their strong support of EEO. The managers were also able to answer any questions raised by DEEOs about Center operations.

Quick-thinking MS3 uses CPR to assist heart attack victim

Quick thinking and action on the part of MS3 Marshall W. Adkins may have resulted in the saving of a life last Thursday (Oct. 24).

When a civilian employee of the NWC galley suffered an apparent heart attack at about 10 a.m., Petty Officer Adkins immediately alerted China Lake police officer Charles Frank, who called the ambulance.

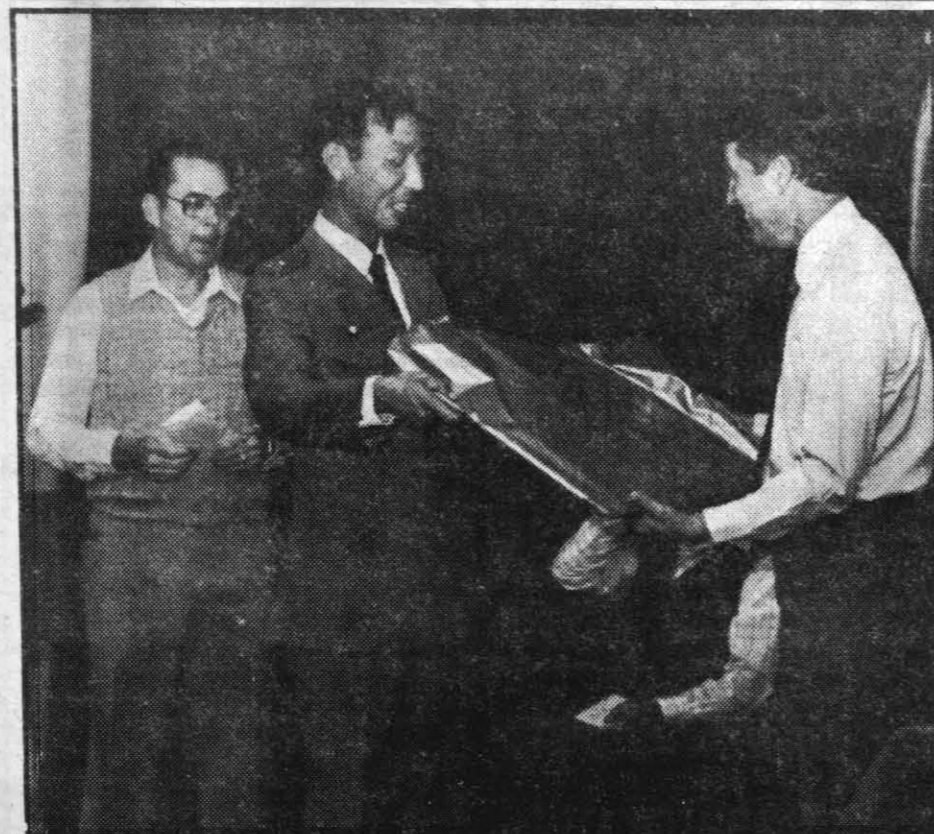
Officer Frank and CLPD Lt. Ervin Roy joined with Petty Officer Adkins in performing cardio-pulmonary resuscitation until the ambulance arrived. When they began the CPR, no pulse could be felt; after about a minute, a slight pulse could be detected.

Firefighters Randy Barr, Johnny Cook and Mike Paulcich continued the CPR in the back of the ambulance while Fire Division Capt. Jim Ball drove the ambulance to the Ridgecrest Community Hospital.

The CPR skills of those responding promptly kept the victim alive until he could receive medical attention at the hospital.

management, systems safety, and documentation had a significant positive impact on the development of the QF-4 Aerial Target.

Also recognized were June Cram, Helen Cropper, George Heitmeyer, Susan Scott, Wilton Webb, and Patricia West of the Supply Department (Code 25). They provided extensive support in processing for award two critical program-pacing production contracts, the aircraft interface unit and the drone control panel in addition to numerous smaller purchases.



COOPERATION APPRECIATED — Major Yukio Takishita, AIM-9L Co-Producer Liaison Office, Japan Air Self-Defense Force, acts on behalf of Major General Yushio Matsumura, Director of Development Department for JASDF, in presenting a plaque and letter of appreciation to Lee Sutton of the Sidewinder Program Office. The letter, written in scroll form in Japanese, was read in translation by Don Featherston, following Maj. Takishita's reading in Japanese. It noted that Sutton contributed remarkably to the establishment of the licensed production program of AIM-9L missile in Japan. — Photo by Mickey Strang

Households heated by gas alerted to dangers of carbon monoxide

For homes heated by gas, there are some easily preventable hazards to be aware of this winter.

Leon M. Herberson, Kern County Health Officer, cautions that improper use of gas-heater and stoves can lead to health problems ranging from headaches, dizziness, nausea, vomiting, and unconsciousness, to death.

When the burning process is incomplete, often due to a malfunctioning or improperly vented appliance, certain poisonous gases, including carbon monoxide and nitrogen dioxide, are given off.

Steps that can be taken to lower the risk of toxic gases being released by a heater are:

- (1) Have gas appliances checked annually for proper operation.
- (2) Be certain that all gas appliances, wood-burning stoves or fireplaces are properly vented. Heater vents, stove pipes and fireplace flues allow the gases produced during burning to escape outside the building. For details on venting requirements and equipment, call the utility company, or have a local chimney-sweep check your wood-burning stove or fireplace.
- (3) Have heater vents and drafts checked every year to ensure that there are no leaks and that they are free of objects such as birds' nests and leaves.
- (4) Remember it is illegal and dangerous to use a gas cooking stove as a heater.
- (5) When cooking on a gas stove, always have the hood fan operating.

In the last three years, there have been three deaths due to accidental carbon monoxide poisoning in Kern County.

Carbon monoxide is absorbed by the body's blood cells much more readily than oxygen. This explains why severe effects can be noticed after only a short exposure. Carbon monoxide is particularly hazardous because it is odorless, colorless and tasteless, and therefore cannot be detected by the human senses.

How to protect ideas, file for patents topic of SAME meeting

Thomas Hennen, Deputy Patent Counsel for the Naval Weapons Center, will talk on "The Creative Engineer and Intellectual Property" at the November 5 meeting of the Society of American Military Engineers at the Commissioned Officers' Mess, starting at 11:20 a.m.

The presentation will address issues such as how to protect an idea, what records to make and keep, how to decide if an attorney is needed — and which attorney — and more.

Members and guests are asked to call Ens. Greg Buckle to make reservations today (Nov. 1) at NWC Ext. 3411-449.

Lunch at \$5 per person will precede the talk by Hennen.

IR tests...

(Continued from Page 1)

manager. He credits Bill Lavender and Mike Youngblood of the Sheetmetal Shop in the Range Department, Mike Corragio of the Systems Integration Branch, and John Creclius of the Optical Signatures Branch with the successful installation. Kris Sitterle, of PRC Kentron Corp. earned a letter of appreciation for his outstanding performance as the T-39 Plane Captain, when he worked 10 to 14 hours daily to ensure the aircraft was ready for test flights.

Augmentors used in the airborne tests included a Coreburner by Teledyne Ryan Aeronautical, a low-thrust afterburner in a J-85 engine. The other two were 7-inch and 9-inch wing-tip-mounted flame generators manufactured by C. I. Hayes Inc. Each of the MQM-34D targets used in the tests was fitted with one of the augmentors.

Several runs were made with each to ensure that the data gathered was accurate. Data is now being reduced, and will be included in the final data package to be delivered to the Army Missile Command, Huntsville, Alabama.

Monday nite football

Football buffs who can't actually go to the game can still have the fun of watching with a crowd on Monday nights at the Barefoot Bar at the Commissioned Officers' Mess.

The Barefoot Bar opens at 4 p.m., and pizza and other food items are available from 6 to 8:30 p.m. Free munchies are on hand.



Two 50-gallon propane tanks were reported missing from the Public Works Department compound. Value of these is great enough to make this a grand theft.

Last Friday evening Center residents reported that they were beset by someone soliciting door-to-door to sell magazines. Such solicitation is illegal on board.

Last Friday evening a driver stopped on a traffic stop was found to be under the influence of alcohol. He was arrested and spent the following five hours incarcerated on board before being released with a citation to Kern Municipal Court.

A vehicle parked in the parking lot of the Enlisted Mess was turned upside down Friday night. (Some suspicious individuals feel that some of 100 visiting military personnel may have had a hand in upending the vehicle.)

On Saturday a resident on Hubbard Circle complained about a barking dog.

Two unlicensed drivers were cited over the weekend. Both were stopped on board the Center, although one proved to be from

Los Angeles, and the other from Yermo.

The Army recruiter reported that the rear window of his vehicle was broken while it was parked on south China Lake Boulevard.

A bicycle was found Sunday near the Bank of America building. Police are holding it for the owner to claim.

When a Center resident tried to do some barbecuing on Sunday, he discovered that his propane tank was faulty. Result: quick action by the Fire Division, and a minor amount of damage to the southeast exterior wall of a residence.

A detective who was in the Capehart housing recognized a girl that he saw looking from a window as a runaway. She was taken into custody and turned over to Ridgecrest police.

The driver of a car at the intersection of King and Lauritsen failed to see a bicycle and turned in front of the cyclist. Fortunately, the bike rider was able to take enough evasive action to avoid serious injuries.

Two youngsters — 7 and 8 years old — were kicking boards off a fence in the Capehart housing. They were released to their parents who promised disciplinary action.

During the course of a physical altercation at the BEQ one sailor hit another with a brick. Result: a couple of stitches needed to sew up a head injury.

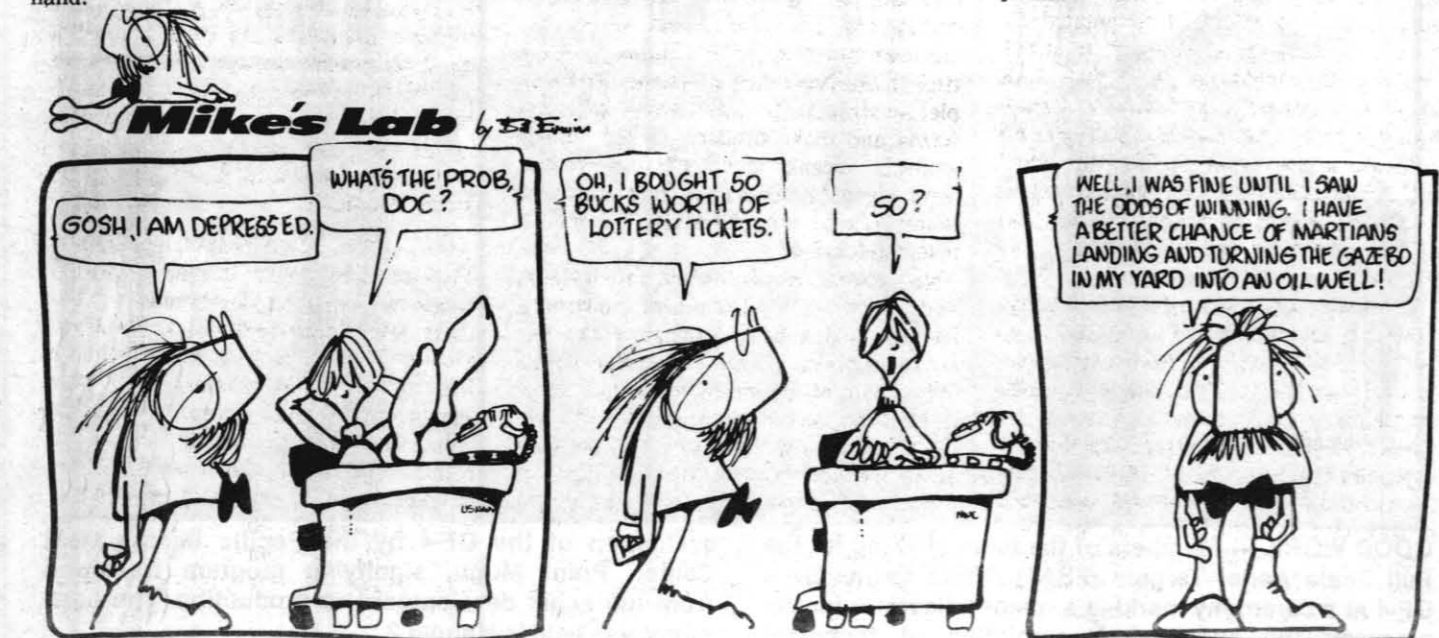
The mother of the 12-year-old victim reported to China Lake police that two boys slammed the door at Murray Junior High School on her daughter's finger. The finger was injured seriously enough so that it may have to be amputated; the bone was shattered and two deep cuts were made on either side of her finger. When the mother went to the Murray campus to try to determine what happened, a 13-year-old juvenile created a disturbance of the peace with his offensive words.

When CLPD officers saw an individual hanging around the lemon lot, they investigated because of the thefts that have been occurring on that lot. The individual, who lives in Ridgecrest, was without any identification. Further checks showed that there were outstanding warrants for that person, so he was arrested and transported to the Ridgecrest jail.

The intersection of Richmond Road and Lauritsen late last week got double attention from the China Lake police. A motorcyclist lost control of his cycle and fell at that intersection. The police also found several boxes of cheese at that intersection, the kind of government surplus cheese given to senior citizens. They suspect that it may have fallen from the back of a truck.

The individual who had reported that he had been stabbed by an assailant last week probably regrets his report. The Sheriff found blood stains (matching his type of blood) at the scene of a burglary, and found a bloody fingerprint, indicating that the injury had occurred during the course of the burglary. He is currently receiving treatment — in the Kern County jail.

China Lake Police Reports



Lt. Scott assumes command of EOD Detachment

Lt. John Scott relieved Lcdr. A.N. Briggs as Officer-in-Charge of Explosives Ordnance Disposal Group One Detachment China Lake yesterday (Oct. 31).

A veteran of eight years service in the Navy, Lt. Scott reported to the Naval Weapons Center from duty with EOD Mobile Unit One in Hawaii where he had been detachment OIC for a year and EOD Group One operations officer for another year.

An EOD officer since 1982, Lt. Scott said he became involved in the program because "you get all the nice challenges of life through EOD work."

The new OIC notes EOD entails a great deal of diversity. Because Navy EOD teams do a very broad range of work with

small numbers of people the work is a real challenge.

"Just keeping current with the very broad spectrum of weapons being used is a challenge," commented Lt. Scott.

As China Lake project work continues to grow, so to will the EOD Detachment's support of those projects, commented the

new OIC.

"The best jobs in EOD are the OICs of detachments. You have the chance to work in a challenging environment, with small groups of people," said Lt. Scott. He added that he plans to look back on the next two years with pleasant memories of working at China Lake.

Lt. Scott also noted the EOD field allowed officers and enlisted personnel to do a job that is worthwhile and in demand. "When we do a job it is for real — not for practice," he stressed. Training is an ongoing requirement to stay proficient in the ever changing world of EOD work, according to Lt. Scott.

Lcdr. Briggs, who will become the first commanding officer of EOD Mobile Unit 6 in Charleston, South Carolina, was praised for his excellent administration of the China Lake Detachment. "It is a very smooth running outfit," Lt. Scott said of the China Lake Detachment.

Fully manned, the local unit includes six enlisted EOD technicians, one warrant officer and two commissioned officers, including Lt. Scott.



Military News

New eye surgery could impact military career

A controversial new eye surgery procedure designed to correct myopia (nearsightedness) could affect a myopia's prospective or current military career.

The procedure, called radial keratotomy, involves making small incisions in the cornea to change its contour. This diminishes the cornea's refractive power, permitting light to be focused closer to the retina. Improved focus results. If successful, the surgery diminishes the need for glasses or contact lenses.

However, first-year results from a five-year study by the National Eye Institute to determine the efficacy, safety, predictability and stability of radial keratotomy show that while a majority of the eye operations resulted in a decrease of nearsightedness, some problems occurred.

Of the 435 patients involved in the Prospective Evaluation of Radial Keratotomy study who underwent the surgery, 30 percent had undercorrected vision and continued to have some nearsightedness. Ten percent had their eyes overcorrected, resulting in farsightedness.

Navy Relief sets new hours

The Navy Relief Society Office, 1811 Lauritsen Road, will again be open each Monday, Wednesday and Friday (excepting holidays) from 11 a.m. until 2 p.m.

During this time, those who wish to ask questions about NRS services may also telephone the office at 446-4746.

Two percent of the patients suffered a corneal perforation during surgery. Persistent glare, especially with night driving or flying, has been reported.

Since this is a relatively new procedure (having been performed in the United States only since 1978), the long-term effects will not be known for another 15 or 20 years.

Capt. (Dr.) Ralph A. Sawyer, chairman of the Ophthalmology Department of Bethesda National Naval Hospital and ophthalmology consultant to the Navy surgeon general, reported that anyone who has had radial keratotomy is not a candidate to enter the Navy. He added, "Anyone on active duty who has the surgery is in violation of a Navy regulation." Sawyer said one reason for the regulation is that no one knows the effect the surgery would have on persons operating in different atmospheric conditions both above and below the ocean.

Lt. Col. (Dr.) John W. Shore, chairman of the Department of Ophthalmology at the Air Force's Wilford Hall Medical Center and special assistant to the Air Force surgeon general for ophthalmology, said people who have had radial keratotomy cannot enlist or be commissioned in the Air Force. Shore further stated that the status of anyone currently on active duty who has the surgery will be determined on a case-by-case basis.

"If the results of the surgery are perfectly good and the member meets the visual requirements to remain on active duty, that person would probably be able to remain in the Air Force," said Shore.



NEW OIC — Lt. John Scott assumed the Officer-in-Charge (OIC) position with Explosive Ordnance Disposal Group One China Lake Detachment from Lcdr. A. N. Briggs yesterday.

CHAMPUS re-figures rates

The Defense Department's CHAMPUS health benefits program is re-computing the rates it pays to the operators of psychiatric residential treatment centers (RTCs) for children and adolescents.

The reevaluation, in response to recommendations by the General Accounting Office and the Defense Audit Service, is part of an effort to establish better control over the amounts and rates or increase of the daily rates paid to the centers.

CHAMPUS, which shares the cost of

health care for military families, retirees and surviving family members who cannot get the care they need at service hospitals, has asked each residential treatment center that accepts CHAMPUS assignment to explain the rates it currently charges other customers. From the information received, CHAMPUS will then decide on an appropriate daily rate for each of its participating RTCs.

Daily rates will be determined for each participating RTC.

Road to alcoholism can be difficult to get off of

He began his drinking spree in the local area with a buddy. The next thing he knew, he was at a bar 450 miles away. He asked his buddy what they were doing and how they gotten there. "I don't know," the friend responded. "You drove."

That is a true experience related by a recovering alcoholic. Alcoholic blackouts (the numbing and knocking out of the memory part of the brain) are just one indicator that someone is having serious problems with alcohol. And for many such people, the path to alcoholism began many years before.

People drink today for many of the same reasons they always have: peer pressure, stress or the "high" associated with alcohol. Depending on who you are and what situation you are in, biological, psychological or social and cultural factors could get things rolling on the road to alcoholism. More likely, it will be a combination of all three.

"Some people are born with what appears to be a predisposition to alcoholism,"

said Lt. Col. (Dr.) Louis W. Rosato, Jr., senior policy analyst for the Defense Department's Drug and Alcohol Abuse Rehabilitation Program. "The psychological factors include things like drinking to feel good, drinking to dance better and drinking to relieve inhibitions. 'I get more dates when I've been drinking!'"

Rosato, who holds a doctorate in social work, said social and cultural factors exert strong influences, as when an 18-year-old serviceman who is away from home for the first time goes drinking with the gang every Friday night and gets bombed.

But there is a difference between alcoholism and alcohol abuse. "People around the world tend to talk about anyone who has a drinking problem as an alcoholic. People need to understand the difference between alcohol abuse and alcoholism," said Rosato.

Someone who makes a conscious effort to get drunk on a Friday night to blot out the day's troubles but remains in complete control as to when he or she intends to

abuse the drug is thought to be an alcohol abuser.

"You abuse alcohol when you take in more than your body can metabolize. It's an alcohol overdose," explained Rosato. He pointed out that means about one drink every hour for the average person. "But that doesn't mean 24 drinks in 24 hours," he said.

Alcohol abuse, in whatever form, can lead to alcoholism. Some people are full-blown alcoholics by the time they are 14 years old.

How about you? Rosato said once people reach the point where they are concerned about their drinking, they probably have a problem.

"Those who don't have a problem, don't even think about it," he said.

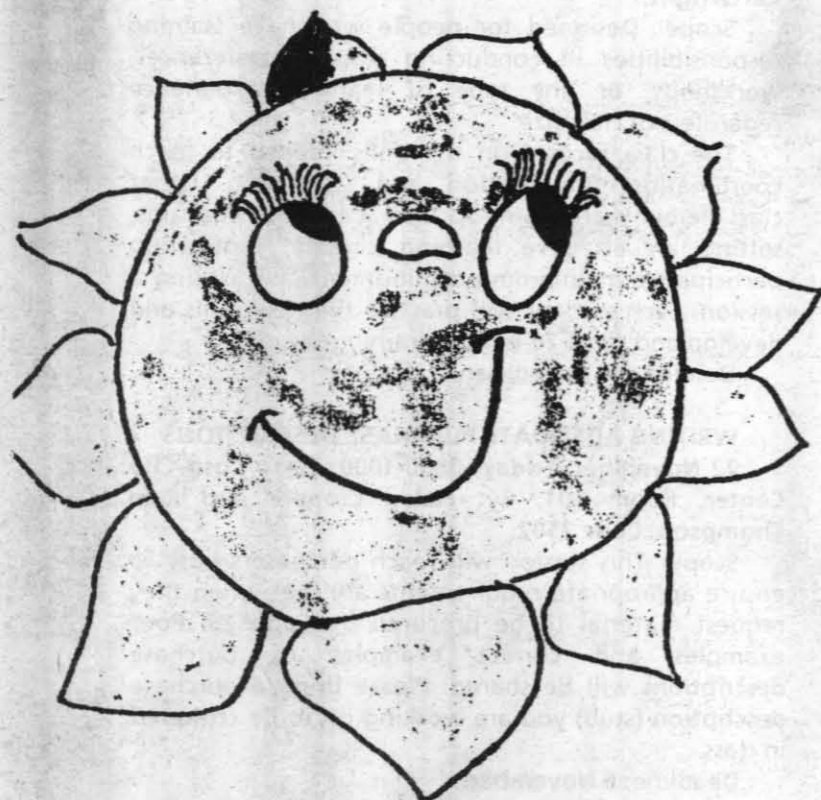
tolerance to alcohol. At first, it will take a six-pack to get a buzz on. Then it's a case.

— Do you have alcoholic blackouts? This is not passing out or falling asleep because of too much alcohol. This is where you continue to function but don't recall what you did.

— Have you lost control of when you drink? This is the most important question. "It's not that someone can't stop drinking or decide to stop at three beers," said Rosato. "It's the inability to predict when you'll stop drinking or when you can't. This week you might drink socially, but next week you won't. You've lost control."

The key, said Rosato, is early intervention. Friends, co-workers and family members may know about the alcoholic, but for some reason don't intervene. In most instances, military people are not identified as needing help until the incident occurs. "We would like to get these people before some incident occurs that would ruin a career," said Rosato.

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	Phyllis McKinney, Code 22	3387	38	Geneva Pullen, Code 35024	3198
24	Donna Pettit, Code 24	2550	39	Ruth Davis, Code 3602	2210
	Dottie Wright, Code 2431 (Bene-Sugs)	3156	39	Navis Royer, Code 38	2246
25	Jean Gale, Code 25022	2407/8	61	Sheri Paulsen, Code 39024	3220
	Peggy VanSkiike, Code 25022 (Bene-Sugs)	2407/8	62	Bonnie Jones, Code 6102	5405
26	Cindy Thorpe, Code 2602	3411 X322	64	Sue Stocker, Code 6202	6391
				Eleanor Branner (Bene-Sugs)	6391
				LuAnn Schoen, Code 6402	3628



Personnel News & Notes

No. 36 / November 1, 1985

Naval Weapons Center, China Lake, California 93555-6001

Promotional Opportunities

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

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

PC-002, Procurement Clerk (Typing), GS-1106-03/04/05, WESTNAVFACENGCOM at China Lake - SF-171 must be mailed no later than November 22, 1985. Send your applications to: Western Division, Naval Facilities Engineering Command, P.O. Box 727, San Bruno, CA 93066 (Attn: Code 09G, Carol Phillips). For local information on this position and a supervisory appraisal form, call Greg Street 939-3411 X340. Status eligibles may apply. Responsible for the clerical processing of documents pertinent to the administration of contracts. **Elements:** Knowledge: of procurement regulations, procedures and guidelines. **Abilities:** research and interpret procurement and contracting regulations, procedures, and guidelines; organize, retrieve and record data; provide clerical support to an office.

No. 00-018, Facilities Management Specialist, DA-1640-2/3, Code 01A4. Incumbent is located in the Michelson/Lauritsen Laboratory Coordinator's Office. The incumbent will assist the lab coordinator with maintaining utility systems, security and safety systems, and energy efficient systems for the laboratory complex. The incumbent will assist with contracts MUR planning, read and interpret blue prints, prepare records and reports, and as required, represent the coordinator on committees. **Knowledges:** of utility, safety and security systems; of PW work requests and chit systems. **Abilities:** to deal with all levels of management; to communicate orally; to communicate in writing. If filled at the DA-2 level, promotion potential is to DA-3, but not guaranteed. Previous applicants may reapply.

No. 01T-009, Program Manager, DP-340-3/4, Code 01T6M - This position is Marine Corps Aviation Technology Block Manager, located in the Air Weaponry

Technology Program Office, Office of the Technology Base Director. The incumbent will execute the Marine Corps Aviation Technology Block Program: managing funds, coordinating plans with MCEDEC, and act as liaison/advocate among MC/ Navy/NWC. **Job Elements:** Ability to interface effectively with on Center and off Center organizations; communicate orally and in writing; ability to administer program planning, scheduling, and expenditures; broad knowledge of engineering and ordnance sciences is desirable. Promotion potential to DP-4, but not guaranteed. Current DP-3's will be considered as a reassignment only.

No. 08-057, Computer Specialist/Computer Systems Analyst, DS-334-2, and Computer Scientist, DP-1550-1, Code 08C2 - This position is located in the Central Staff, Data Base Administration Office. The position provides Computer Systems Analyst support for the Standard Automated Financial System (STAFS) which is scheduled for implementation on a dual VAX 11/780 mini-computer system. The incumbent's primary responsibility is the STAFS database access security. The incumbent will define, install and maintain the various VAX/VMS operating system and internal STAFS security tables. **Knowledge:** of the VAX/VMS security system; of the VAX 11/780 and VAX-11 DATARIEVE. **Ability:** to work under stress and pressure; to interface with financial system users. Promotion potential to DP-3. Status eligibles may apply.

No. 08-058, Computer Specialist/Computer Systems Analyst, DS-334-2/3, and Computer Scientist, DP-1550-2/3, Code 08C2 (2 vacancies) - Positions are located in the Central Staff, Data Base Administration Office. Positions provide Computer Systems Analyst Support for the im-

plementation on a dual VAX 11/780 mini-computer system. Duties include monitoring and verifying the NAVWPNCEN data conversion to STAFS, providing computer analyst support for the immediate and long-range STAFS interfaces to local systems, and providing system consultation and user interface. **Knowledge:** and experience in automated business systems; of the VAX 11/780 and Sperry 1100/83 computer systems, network data base systems, COBOL programming language, and VAX-11 DATARIEVE. **Ability:** to effectively communicate orally and in writing with all levels of organization at NAVWPNCEN; to work under stress and pressure; to interface with financial system users and contractors. Promotion potential to DP-3. Status eligibles may apply.

No. 25-086, Mail and File Clerk, GS-305-3/4, Code 25022 - This position is located in the Staff Office, Supply Department. Incumbent receives, reviews and distributes correspondence and documents routed to and from the Department; maintains library and central files; provides duplicating services; controls records disposal; delivers mail and maintains distribution lists for all types of Supply Department publications; and maintains Department delegation of authority files. **Knowledges:** of mail file procedures. **Abilities:** to exercise diplomacy and discretion in dealing with sensitive information, interface with employers at all levels. Previous applicants need not apply.

No. 25-087, Distribution Facilities Specialist, DA-2030-2/3, Code 258 - This position is located in the Aviation Supply Division of the Supply Department. The incumbent functions as the Fuel Farm Manager for aviation petroleum products for the Naval Weapons Center. Incumbent plans and coordinates fuel operations and provides logistic support to the Fuel Farm Facility; insures procurement, physical receipt, identifications, storage inventory, and issue of fuel material; insures inspection of hazardous areas for compliance with safety and security regulations; and provides support services contract monitoring. **Knowledge:** of support services contracts. **Ability:** to analyze data; solve problems; communicate orally and in writing; interface with all levels of personnel. Status eligibles may apply. Promotion potential to DA-3.

No. 25-088, Contract Price Analyst, DA-1102-1/2/3, DP-1102-3, Code 25203 - This position is located in the Technical Support Office of the Contracts Division, Supply Department. The incumbent will review and analyze price and cost of contractor proposals to establish a Government negotiation position; review contractor accounting procedures to ensure that direct and indirect costs are charged correctly and that contractor proposals are in accordance with the cost accounting standards; and participate in contract negotiations of all contract and changes of sufficient size and pricing complexity. **Knowledge:** of commercial accounting, cost accounting, business practices, and contracts. **Abilities:** to meet and deal effectively with people; analyze facts, alternatives and problems and make decisions based on this analysis; speak and write effectively; prioritize and process in an orderly manner multiple tasks simultaneously. Promotion potential to DP-3.

No. 26-201, Wood Crafter, WG-4605-10, Code 26418 - The incumbent constructs, installs, and repairs cabinet work, furniture, displays, models, and similar items. May construct and install doors, door jams, locks, sash, screen doors, picture frames, sinks and counter tops, and may perform minor framing and construction. Lays out work, cuts, saws, joins, nails, glues and assembles lumber and allied material in repair of broken objects and in construction of new equipment. **Job Relevant Criteria:** Ability to do the work of the position

without more than normal supervision; technical practices; ability to plan set up, layout, and measure work common to the trade; ability to use and maintain tools and equipment safely; knowledge of material common to the trade.

No. 26-202, Housing Clerk, GS-303-3/4, Code 265 - Duties include assisting in all areas of base housing administration such as assignments, housing referrals, maintaining files, and preparing reports. **Job Relevant Criteria:** Ability to understand, interpret and communicate written regulations; ability to maintain records, status sheets, reports; ability to exercise tact and courtesy. Promotion potential to DA-1173-1, however not guaranteed.

No. 31-245, Supervisory Interdisciplinary (General/Electronics/Electrical Engineering/Computer Scientist/Physicist/Mathematician) DP-801/855/850/1550/1310/1520-3, Code 3115 - Position is that of branch head, Software Engineering Environment Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The branch develops, manages, operates and maintains the Department ADPE resources that are shared by multiple projects. This includes the General System Support Facility (GSSF) used for the Department's general purpose computing requirements (i.e. word processing, data base work) and the Data Analysis and Presentation Center (DAPC) used for data reduction, analysis, and presentation requirements for the data from the different WSSF's and program flight tests. The branch also analyzes and defines tools requirements for verification and validation, OFP and support software development, and procures/develops, integrates and maintains tools to satisfy the requirements. The incumbent will serve as branch head and provide overall direction, coordination and management of branch activities. **Job Relevant Criteria:** Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; an understanding of avionic facilities hardware and software analysis, design and operations; experience in embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and applications; understanding of NWC personnel policies and procedures; and ability to support NWC EEO policies and goals.

No. 32-188, Physical Science Technician, DT-1311-3, Code 3272 - Incumbent participates in all phases of rocket motor processing. Duties include: Writing processing procedures for rocket motor processing; and formulating of rocket motors; reviewing technical specifications and drawings; and collecting, maintaining, and analyzing data on propellant formulation. **Elements:** Knowledge of propellant processing technology; quality assurance and reliability; safety procedures for processing ordnance; mathematics and blueprint interpretation. **Ability** to communicate effectively with varying levels of employees, from explosives workers to chemists and engineer managers; to read and understand blueprints, technical drawings, and specifications; evaluate test data and make the necessary changes/improvements; to design, fabricate, and modify test and processing equipment/facilities. Promotion potential to DT-3.

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 Fuzer 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 0 program from development to production. **Knowledges:** of contracting procedures and types of contracts; of program develop-

ment phases and NWC requirements for development of programs; of electronics and general engineering. Abilities: to communicate effectively both orally and in writing; to direct efforts of co-workers. Promotion potential to DP/DT-3, but not guaranteed.

No. 34-039, Technical Information Specialist, DA-1412/1, Code 3433 — This position is located in the Technical Services Branch of the Library Division. Incumbent provides professional support for the acquisition of library materials and the cataloging of books and reports. KSAs: Ability to communicate effectively, orally and in writing; ability to perform manual and online research. Knowledge: of the Technical Library's processes and procedures; knowledge of the Library of Congress cataloging rules, MARC formats and RLIN cataloging procedures; knowledge of acquisitions sources, methods and NWC procurement guidelines. Promotion potential is to DA-2, but is not guaranteed.

No. 36-331, File Clerk, GS-305-04, Code 3651 — The incumbent will assist senior specialists to perform technical review of engineering documents to insure design integrity, adequacy of format, legibility, reproducibility, and incorporation of change notices; accomplishment of microfilming and print distribution of documentation; (processing request for); verifying availability of documentation; and preparation of forms, list, mailing labels, and related documents for transmittal of documentation. Elements: Knowledge: of the procedure utilized in processing requests for engineering documentation. Ability: to evaluate microfilm aperture cards for legibility and to insure that documentation is correct; to type mailing labels, forms, and similar materials; to read, comprehend, and apply written material and to learn new procedures; tact and ability to accept criticism; to coordinate. Multiple vacancies. Promotion potential to a GS-6.

No. 36-332, Engineering Documentation Technician, GS-301-5, Code 3651 — The incumbent will assist senior specialist to perform technical review of documentation to insure design integrity, adequacy of format, legibility, reproducibility, and incorporation of change notices; process requests for accomplishment of microfilming and print distribution of documentation; verify availability of documentation; coordinate with personnel performing reproduction services. Elements: Knowledge: of preparation of technical documentation and/or reproduction and distribution of documentation; of the requirements of DOD-D-1000, MIL-STD-804, and contractor

personnel, Center personnel, and with other branch personnel in all work situations; to adapt to changing requirements; to exercise sound judgment in issuing advice or direction. Promotion potential to DS-3. Multiple vacancies.

No. 38-105, Physical Science Technician/Mechanical Engineering Technician, DT-1311/802-2/3, Code 3858 — Incumbent primary duties include the design, fabrication and operation of test equipment used to determine the physical and mechanical properties of energetic materials (propellants and explosives). Specific areas include the production and characterization of damage in energetic materials, Instron machine operations, thermal analysis (DSC, TGA, DMA) and sensitivity testing. Familiarity with microprocessors and digital test techniques desirable. Demonstrated experience in design fabrication and operation of hardware to test materials required. Safe operations using energetic materials: test scheduling; preparing reports, describing tests and results also required. Promotion potential to DT-3.

No. 621-098, Engineering Technician, DT-802-3, Code 6212 — This position is located in the Environmental Engineering Branch of the Range Department. The incumbent coordinates various test programs, interfaces with the customers, performs liaison with project personnel to establish facility requirements and test capabilities to meet the testing objectives. Knowledge of test operations and support requirements; and test procedures and test equipment. Ability to coordinate a variety of activities; communicate both orally and in writing; and work as a team member. Status eligibles may apply.

No. 64-170, Supervisory Interdisciplinary (General/Mechanical/Electronics Engineer), DP-801/830/855-3/4, Code 642 — This position is head of the Telemetry/Test Engineering Division located in the Aerospace 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 test and evaluation function 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 including computerized

data reduction and analysis; 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-3. DP-4 will be filled by reassignment only.

No. 64-119, Supervisory Electronics Engineer, DP-855-3, Code 64242 — This position is head, Engineering Support Sec-

tion, Telemetry Systems Branch, Telemetry/Test Engineering Division of the Aerosystems Department. The incumbent supervises employees who perform engineering design, development, and testing of telemetry systems for electronic measurement and communication necessary to meet operational data requirements of various missile programs. Knowledge of electronic instrumentation and testing; affirmative action principles including a willingness to implement EEO practices. Ability to perform as a first line supervisor.

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. 12-002, Operations Research Analyst, DP-1515-2/3, Code 123 — This position is located in the Weapons Planning Group, Computer Resources Program. The incumbent will lead and direct moderate to major studies involving utilization of the Weapons and Tactics Analysis Center to help define advanced Naval aircraft and systems including force level studies, system and system concept evaluations, and studies to resolve system acquisition issues. Submit a current SF-171 to Terry Haven, Code 123, NWC ext. 2793. Promotion potential to DP-3.

No. 35-096, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer, Electronics Technician), DP-801/855/830/861-2/3, Code 35404 — Serves as Contracting Officer's Technical Representative for the Training Range Electronic Warfare Simulators (TREWS) Support Contract. The TREWS Contract is in place and is a delivery orders type contract. Various organizational groups within the Electronic Warfare Department will request support by the TREWS Contract. Knowledge: of the government contracting procedures; of the Cost Schedule Management (C/SSR) data for those elements of the program work breakdown structure which are being provided under the contract. Abilities: to organize and implement schedule and cost monitoring procedures; to coordinate and direct the support engineering tasks; to communicate effectively both in writing and orally. Promotion potential to the DP-3, however it is not guaranteed. Persons presently in positions with promotion potential to the DP-3 level may submit an SF-171 directly to Joseph Seibold (Code 35404), NWC ext. 2951.

No. 39-104, Interdisciplinary (General Engineer/Electrical Engineer/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-801/850/855/1310/1520/1550-1/2/3, Code 3942 — 3 Vacancies — This position is located in the Air-to-Surface Guidance Branch, Electro-Optics Division of the Weapons Department. The incumbent will participate in the design, analysis, and test of digital systems and software related to electro-optical

guidance. Knowledge: of software and digital design is required. Experience with the 68000 series microprocessors is desired. Ability to work as a team member and communicate well and often with other members of the team is required. To apply for this position forward an updated SF-171 to Don Gay, Code 3942, NWC ext. 3341.

No. 39-109, Interdisciplinary, General, Electrical, Mechanical, Aerospace Engineer, Physicist, Mathematician, Computer Scientist, DP-801/855/830/861/1310/1520/1550-3, Code 394 — This is a new position as the T&E Manager in the RAM Program Office, Weapons Department. RAM is a NAVSEA program that includes development, production, and deployment of the RAM missile round and the RAM stand-alone command and launch system. It is a joint development by the United States, Federal Republic of Germany, and Denmark with General Dynamics, Pomona as the prime contractor. The incumbent provides overall direction, coordination, and management of the RAM Test and Evaluation program at NWC. The incumbent serves as the single point of contact for all Center interfacing with headquarters, contractors and other government activities involved in the RAM testing program. To apply for this position, forward an updated SF-171 to R. Campbell, Code 39B4, NWC ext. 3741.

No. 39-112, Electrical/Electronics Engineer, DP/850/855-2/3, Code 3942 — This position is located in the Air-to-Surface Guidance Branch, Electro-Optics Division of the Weapons Department. The incumbent will participate in the review, analysis, test and evaluation of electro-optical guidance systems, and will involve coordination and liaison with elements of NAVWPNCEN, NAVAIR, and contractors. Knowledge of electro-optical guidance is required. Experience with laser and IR guidance is desirable. Ability to communicate clearly and interface effectively with Program Management at NAVWPNCEN, NAVAIR, and with contractor personnel is required. To apply for this position, forward an updated SF-171 to Don Gay, Code 3942, NWC ext. 3341.

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
08231	Smith, Dava L.	Data Transcriber
0854	Cumming, Tricia M.	Clerk-typist
08621	Mansfield, Amy L.	Finance Clerk
08621	Murphy, Mildred A.	Finance Clerk
08621	Turnercrook, Kristine	Finance Clerk
08621	Wilson, Marilyn L.	Finance Clerk
08623	Peterson, Debra H.	Clerk-typist
1422	Biddlingmeier, Michael	Communications Spec.
2413	Wall, Jan W.	Police Officer
2413	Warden, Michael J.	Police Officer
2524	Favier, Tracy R.	Clerk-typist
26433	Tankersley, Woodie C.	Boiler Plant Opr.
26446	Richards, Kermit R. Jr.	Electrician
26449	Driggs, William A.	Painter
26C09	Staples, Richard M.	Management Analyst
3112	Lee, Hang S.	Electronics Engr.
31403	Harris, Harmon	Electronics Engr.
3196	Walker, Lance D.	Mathematician
3512	Essam, Shirley D.	Computer Scientist
36571	Cole, Dan W.	Engrg. Tech.
3662	Schuetz, Bryan D.	Mechanical Engr.
3664	Yarbro, Claude J.J.	Logistics Mgt. Spec.
61323	Wireman, Stephen D.	Engrg. Tech.

Recent departures

CODE	NAME	TITLE
0921	Bechler, Linda D.	Clerk-typist
123	Stone, Clifford H.	Computer Scientist
2413	Roberts, Neil T.	Police Officer
25253	Valentine, Mary L.	Contract Spec.
2694	Allen, Pamela L.	Engrg. Aid
3657	Stehr, Robert L.	Electronics Engr.
3908	Cosgrove, Teresa A.	Clerk-typist
62222	Richards, John D.	Mechanical Engr. Supvy.

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 2678.

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.



Personnel Development Opportunity

LABOR AND EMPLOYEE RELATIONS FOR MANAGERS AND SUPERVISORS

19-21 November, Tuesday-Thursday, 0800-1600, Cerro Coso City Center, Room 101. By: OPM.

Scope: Deals with the union steward in everyday situations. The course will stress the basics of the federal sector labor-management program, understanding the procedures established under the program, and understanding collective bargaining contracts and their application to the work setting. The course also deals with the functional areas of discipline, absenteeism, conduct problems, appeals and grievances, and due process in discipline.

Note: An NWC employee/labor relations specialist will be present to answer questions specific to Navy/NWC.

Deadline: 5 November.

ST500, Effective Safety Management

November 19-21, 8 a.m. to 4 p.m. in the Safety Building classroom, By: Keith E. Barenau, PhD, and Rick L. Summers, PhD, Waite Hill Services Inc. Each instructor has wide experience in safety and loss control management education and has held a variety of responsible positions in the field of safety and health.

Scope: This course will give the supervisor positive guidance in the safety/loss control program. Course materials are presented at an intermediate level. Focus is upon elimination of basic loss causes and how to avoid "symptom treating." From the instructor

tion and materials provided you will be able to construct your own "action plan" to improve safety and reduce loss with "before the fact" controls.

Note: Attendance and completion of this course for supervisors will satisfy the basic supervisory safety training requirement in NAVWPNCENINST 5100.6C.

Enrollment is limited to 30 people.

Deadline: November 6.

TRAINER TECHNIQUES

20-22 November, Wednesday-Friday, 0800-1600, Commissioned Officers' Mess, Chart Room. By: Mim Cartwright.

Scope: Designed for people who have training responsibilities in conducting classes, conferences, workshops, or any type of learning experience regardless of class size.

The class focuses on the skills needed to teach coordination, presentation, and facilitation. Other class elements are warm-ups and activities, visual aids, setting an effective learning climate, motivating participants, maintaining commitment, and closing a session. Each student will practice the new skills and develop and run a 20-minute training session.

Deadline: 6 November.

WRITING ADEQUATE PURCHASE DESCRIPTIONS

22 November, Friday, 0800-1000, Cerro Coso City Center, Room 101. By: Helen Cropper and Pam Thompson, Code 2502.

Scope: This session will teach purchasers how to ensure appropriate requirements are met when they request material to be procured by Code 25. Poor examples and correct examples of purchase descriptions will be shared. Please bring a purchase description (stub) you are working on to be critiqued in class.

Deadline: 6 November.

NAVAL CORRESPONDENCE FOR ADMINISTRATIVE AND TECHNICAL WRITERS

21 November, Thursday, 1300-1500, Heritage Inn Ready Room. By: Mary Lou Smith.

Provides a brief on Chapter 1 ("Naval Writing Standard") to the Department of the Navy's *Correspondence Manual*. You will learn ways to make the transition from "governmentese" to plain English and you will be shown the formats for naval letters and memorandums and receive an explanation on their use. Please bring the *Correspondence Manual* to class.

Note: The class will be limited to 15 people. Deadline: 7 November.

SELF-STUDY

Digital Signal Processing (video course), 40 hours; Training Center, Chapel Annex 95 By: Video tapes and Text prepared by Alan Openheim, M.I.T.

Scope: This course is not intended to substitute for a semester-length course, but is an overview to give students an exposure to digital filtering in a broad context. A text book, course workbook, and video tapes are available for those students desiring more detail.

Tapes include the following subjects: Introduction (17 minutes); discrete-time signals and systems - definitions (36 minutes); stability (50 minutes); the discrete-time Fourier transform (44 minutes); sampling, aliasing, and frequency response (28 minutes); the Z-transform (51 minutes); the inverse Z-transform (46 minutes); Z-transform properties (56 minutes); the discrete-Fourier series (43 minutes); the discrete-Fourier transform (47 minutes); circular convolution (43 minutes); representation of linear-digital networks (52 minutes); network structures for infinite impulse response (IIR) digital filters (40 minutes); network structure for finite impulse response (FIR) digital filters and parameter-quantization effects in digital-filter structures (51 minutes); design of IIR digital filters - 1 (47 minutes) and 2 (41 minutes); examples of IIR filter design (48 minutes); design of FIR design filters (39 minutes), and computation of the discrete Fourier transform - 1 (49 minutes).

Interviewing, 2 hours; Learning Center; By: Audio tapes prepared by Karen Altieri.

Scope: An audio tape-workbook set on interviewing techniques from the perspective of both the interviewee and the interviewer is available for use in the Learning Center or for check-out by individuals or workgroups. Contact Belle Hervey or Kit Driscoll at NWC ext. 2641.

Managerial Skills for new and prospective managers; Located in the Learning Center; By: Audio Tapes and Workbook.

Scope: This self study course, consisting of a workbook and six cassettes, is designed to teach new and prospective supervisors management skills and techniques necessary to function in a supervisory position.

Topics include: Your new role as manager; management styles; planning and organizing; control; delegation; decision making; managing time; understanding your subordinates; the innovative manager; how to write and read effectively and conversational skills.

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 workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

No. 33-048, Secretary (Typing), GS-318-3/4, Code 3352 — The incumbent provides secretarial support to the Air-Launched Weapons Fuze Branch. Promotion potential to GS-5, but not guaranteed. Status eligibles may apply.

No. 36-333, Secretary (Typing), GS-318-5,

Code 3624 — This position serves as secretary to the head, Materials Engineering Branch.

No. 61-059, Secretary (Typing), GS-318-5, Code 6102 — This position is located in the Aircraft Department and provides clerical support to the Head of Staff.