

### Membership drive currently planned by CLOTA members

The Community Light Opera and Theatre Association (CLOTA) is currently in the middle of an intense drive to add members, patrons, and season ticket holders to their growing list of supporters.

Under the direction of Mary Marshall, drive chairperson, the organization's goal is to invite Indian Wells Valley residents to take part in one of the most exciting and promising seasons that CLOTA has seen in years.

The theatre group will start off the season with the play version of the award-winning movie, "On Golden Pond," in April. Directed by Elena Vitale, auditions for this play will be held Feb. 18-20, from 6:30-9:30 p.m., at the CLOTA building, located at 1425 Inyo (directly south of the Crest Drive-In Theater).

This summer promises to be full of fun and fantasy as Sherry Parker will direct the musical "Once Upon a Mattress."

Capping off the season in the fall will be the ever-popular family musical, "Fiddler on the Roof," directed by Nancy Miller Nowak.

There are several ways local theatergoers can take advantage of cutting the cost of this season's shows. Season tickets are available for adults priced at \$15. For senior citizens, enlisted military and students under 21, a season ticket is available for \$10.

Individuals, families and businesses can also support the organization by purchasing memberships and/or patronages, the latter being listed in the back of each show program throughout the season to be recognized as valued supporters.

For more information on how to be an active supporter of CLOTA, feel free to contact any of the following membership committee members: Elena Vitale, 446-4843; Pat Harper, 377-4181; Barbara Auld, 375-8881; Lin Hartzell, 375-6133; JoAnn Hams, 375-7516; Nancy Nowak, 375-7003; Paul Farris (Inyokern News Review), 377-5888; Bill Farris (Farris' Restaurant), 375-7816; or Mary Marshall, 375-9181.

### Talent search contest slated March 2 in NWC Theater by BOSS

The Indian Wells Valley "Star Search" talent show, sponsored by the Black Original Social Society (B.O.S.S.), will be held in the Center theater Saturday, March 2.

The theater will open its doors at 7:30 p.m. and the performance begins at 8 o'clock.

A \$100 grand prize will be awarded for the best performance from among the showcase of amateur singers, dancers, musicians, comedians, and lip sync artists.

The grand prize winner will also win a trophy and a guest appearance in the entertainment portion of B.O.S.S.'s Black and Gray Installation Ball, set for May.

The second place winner will receive a



**NOVEL TRANSPORTATION** — Toddlers from the Children's Center are transported both safely and rapidly in these oversize carts. About to go for a ride are Philip Dumay, Crystal Stromer, Jennifer Westfall, Shannon LeBrie, Monica Berry, Michelle Francis, Kimberley Entjer, and Jonathan Wojciehowski, while Vicki Conner and Linda Leonard of the Children's Center staff will provide the motive power.

### World class kayakers presently training at Riverfront Park in Kernville until March

During the month of February, thirteen of the world's best competitors in the sport of white-water canoeing and kayaking will be training on the Kern River at Kernville's Riverfront Park.

The athletes are presently adding that final edge prior to the world championships set for June in Augsburg, West Germany. The event will be telecast on ABC's "Wide World of Sports."

The athletes include world champions Elizabeth Sharmon of Great Britain and Jon Lugbill of the State of Virginia. Other champions practicing include seven-time U.S. national champion David Hearn of Maryland.

Kernville began as a training center for this sport in 1972 when Tom Johnson, also a national champion, convinced the Army Corps of Engineers to arrange boulders in the river front area for a whitewater training course.

Because of this the Kern River quickly became a top river in the country with the range of water conditions that allow training students and top competitors, according to Johnson.

When the United States first entered the sport of white-water slalom in 1953, the Europeans dominated the sport. Since then, with the exception of men's kayak event, the U.S. is the team to beat.

Although racing canoes and kayaks are very similar in appearance the difference is that canoeists kneel and use a single paddle, whereas kayakers sit and use a

double paddle.

The object of the competitor is to maneuver the boat between several pairs of poles, or gates, hung on wires above the river through a half-mile course for the fastest time.

Touching a pole brings a penalty of five seconds, hitting both poles is a 10-second penalty, and missing a gate completely is a 50-second penalty.

Visitors to Kernville's Riverfront Park can watch the training from 10 a.m. to noon and from 3 to 4:30 p.m. daily through February.

MOVIES

(G) ALL AGES ADMITTED  
General Audience  
PG: ALL AGES ADMITTED  
Parental Guidance Suggested  
R: RESTRICTED  
Under 17 requires accompanying  
Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY	"GRANDVIEW USA" Starring Jamie Lee Curtis and C. Thomas Howell (Comedy, rated R, 98 min.)	FEBRUARY 22
SATURDAY	"REAR WINDOW" Starring James Stewart and Grace Kelly (Suspense-Drama, rated PG, 113 min.)	FEBRUARY 23
SUNDAY	"OXFORD BLUES" Starring Rob Lowe and Ally Sheedy (Comedy, rated PG-13, 98 min.)	FEBRUARY 24
MONDAY	"RUNNING BRAVE" Starring Robby Benson and Pat Hingle (Drama, rated PG, 106 min.)	FEBRUARY 25
WEDNESDAY	"VERTIGO" Starring James Stewart and Kim Novack (Suspense-Drama, rated PG, 128 min.)	FEBRUARY 27

U. S. Government Printing Office  
1984 - No. 1048

**From:** \_\_\_\_\_

PLACE  
STAMP  
HERE

**To:** \_\_\_\_\_

### Children's Centers offering program for on-Center day care

The NWC Children's Centers currently have openings for infants aged 6 to 9 months for day care.

The weekly rates for the center program are \$45 per child of active duty military personnel and \$50 per child of DOD employees.

For more information interested parents can phone Dot Louallen at NWC ext. 2168.

### Eureka Sand Dunes subject of nature tour this weekend

Energetic people who'd like to get a unique view of desert landscape have the opportunity tomorrow and Sunday to see the Eureka Sand Dunes, located about 45 miles east of Big Pine, California.

On each of the two days two hikes will tour the sand dunes. One hike will begin at 9:30 a.m., and the other at 2:30 p.m. The hikes will last about two hours each. Point of departure will be the Bureau of Land Management's portable ranger station, which will be located on the north side of the dunes. The dunes form one of the largest dune systems in the United States and have both star-shaped and crescent shaped dune configurations as well as a sand mountain.

Hikers are asked to wear sturdy shoes and to bring water for themselves to drink.

Further information about the hikes can be obtained by telephoning Fred Coe at the Ridgecrest BLM office at 375-7125.

### Library hours change

Beginning February 27th the Center Library will be closed on Wednesdays.

### Happenings around NWC

Local bargain hunters will have a marvelous time at the Thrift Shop's half price sale to be held next week. Thrift Shop hours will be Tuesday evening from 7 to 9 o'clock, and Thursday from 10:30 a.m. until 12:30 p.m.

The Thrift Shop, located at 1809 Lauritsen Road, is open to anyone in the community. It is operated by the Women's Auxiliary of the Commissioned Officers' Mess, and profits from its operation are split evenly between the Navy Relief Society and local charitable organizations.

### RECREATION EXHIBITION

The Great Recreation Exhibition, set for next Thursday in the Enlisted Mess from 5 to 7:30 p.m., will offer visitors a chance to see a variety of vacation and recreation opportunities.

The exhibition, sponsored by Recreation Services, expects to have over 20 representatives of outdoor groups, camps, youth groups, and federal agencies on hand to answer inquiries, accept reservations, and

possibly accept interviews for summer job positions.

**NEX SALE**  
The Navy Exchange is currently having a sale of electronic items until March 3. Until that date, reduced prices will apply for video cassette recorders, stereo systems, cameras, and computers.

Also, the Garden Shop will open for the spring season on Feb. 27. The Optical Department will be closed from tomorrow until next Tuesday, and the NEX Auto Service Center is open to give cars their spring checkups.

### ROBBER'S ROOST CLOSED

Boondockers who like to head to Robber's Roost will have to wait for a while before they can again head to the rock outcropping south and west of town.

No vehicles or people will be allowed within a 500-yard radius of Robber's Roost from now until July 1 so that birds of prey will be able to nest and raise their young without being disturbed.

## EOD detachment tests huge 50-ton backhoe



**READY** — The bucket of the 50-ton backhoe prepares to descend and take a big bite out of the ground. In combination with the "nutcracker" (a jackhammer on the arm), this backhoe can chew through 18-inch concrete and dig a 20-foot hole in 40 minutes.

Naval Weapons Center lands are ideal not only for the testing of missiles and other ordnance, but also for testing devices designed to deal with unexploded ordnance.

For instance, Explosive Ordnance Group One Detachment China Lake now has a remotely controlled giant backhoe designed to dig up unexploded ordnance from airfield runways or other areas.

The 50-ton mechanical monster is on loan from Naval Explosive Ordnance Disposal Technical Center, Indian Head, Maryland, and has been undergoing a variety of tests at Nellis Air Force Base.

After six months at China Lake, it will be moved to Pinecastle Air Force Base in Florida, and a smaller version of the backhoe, now at Pinecastle, will be sent to China Lake for a year.

The backhoe and its "nutcracker" (a jackhammer on the mechanical arm) are designed to be able to dig through as much as 18 inches of concrete and to dig 20 feet deep within 40 minutes. It can dig down to 30 feet.

The bucket at the end of the arm is sturdy enough (and responsive enough to controls) to be able to dig any type of unexploded ordnance from the ground so that it can be disarmed.

The backhoe can be driven (at speeds under 30 miles per hour) to the site where (Continued on Page 7)



Naval Weapons Center, China Lake, California 93555 6001

Vol. XI, No. 8 February 22, 1985

## AZ3 Langford in annual CMAC competition

Aviation Administrationman Third Class Cynthia K. Langford has been selected as the China Lake nominee for the High Desert Civilian/Military Affairs Council's Military Person of the Year competition.

AZ3 Langford represented Air Test and Evaluation Squadron Five in the local competition. Other nominees were, from NWC, AO3 Bruce A. Mahaney, and from the Personnel Support Detachment China Lake, PN3 Karen A. Franco.

CMAC membership comprises personnel from the high desert military bases of NWC, Edwards and George Air Force Bases, Air Force Plant 42, the Marine Corps Logistic Supply Base at Barstow, the Army National Training Center at Fort Irwin, and from civilian communities as widespread as Barstow and Lancaster to Bishop.

The winner, chosen from nominees representing each of the military bases, must be an E-4 or below. The selection will be made following interviews on Friday, March 22; the winner will be announced at a banquet held at the MCLSB on the evening of Saturday, March 23.

Prizes for the winner as yet are unannounced. Last year's winner received an all-expense-paid trip to Hawaii for two, while the runners up each received \$500 in cash.

A large contingent of China Lake and Ridgecrest residents is expected to attend the banquet to cheer the China Lake nominee. Tickets for the banquet, which cost \$25 per person, can be purchased from TMCM J. W. McAllester, who can be

reached at NWC ext. 5083, or from Harold Hockett, representing the Military Affairs Committee of the Ridgecrest Chamber of Commerce.

Secretary of Defense Caspar Weinberger has been invited to be the guest speaker at the banquet.

Petty Officer Langford has been in the Navy for two years and two months, and reported aboard at VX-5 in April 1983. The daughter of a retired Air Force master sergeant, she says that she joined the Navy "to prove to myself that I could do it."

She is married to AME2 Scott Langford, who works in the Aviation Structural Mechanic Shop at VX-5, and says that both her husband and her father are very pleased and proud that she was chosen.

AZ3 Langford is a self-starter, who has had strictly on-the-job training for her rating. For instance, she has learned to operate a Xerox 860 computer-typewriter, a skill normally taught only in training schools.

Her diligence in recognizing needs such as the need to upgrade training in her shop, to improve filing systems to make these more accountable for tracking purposes, and for being able to follow through on meeting needs without outside direction led to her being selected as Sailor of the Quarter for VX-5 last March.

Petty Officer Langford says she enjoys a variety of outdoor activities such as jogging. She adds that she's glad that she was sent to China Lake because she enjoys desert living — her home is Tucson, Arizona.

### Field kits for TNT detection developed by Center chemists

Naval Weapons Center chemists have developed a field kit for rapid, on-site detection of TNT contamination in water and soil. The portable kit has been in use since 1981 at Navy and Army installations according to Dr. R. B. Green, head of the Chemistry Division's Instrumental Chemical Analysis Branch.

The detection of TNT, a liver and blood toxin that can be absorbed through the skin, is a concern not only for explosives manufacturers, but all levels of government facilities as well.

Concentrations of 44 parts per billion are known to be harmful to humans, and regulatory agencies in some states limit the TNT concentrations in the waste water from munitions plants to less than one part per million.

The kit, as developed and tested, is sensitive in the 20 parts per billion to 10 parts per million range, said Dr. Green. And it is portable enough to fit in a brief case.

Dr. Green said the team working on the project, which started in 1980, was faced with several constraints. The testing device

had to be easily portable, it had to be safe for the operator to use in the field and it had to be easy for relatively untrained persons to use and understand.

Other techniques for determining the concentration of TNT in soil or water, used devices that were not easily portable nor were they practical for field use by persons not trained as chemists.

David J. Knight, who is now working on an operator's manual for the kits; Eric Erickson; Daniel Burdick; and Sterling Greni of the Research Department did most of the developmental work. The original concept was developed by the late Dr. Carl Heller, then a Chemistry Division branch head.

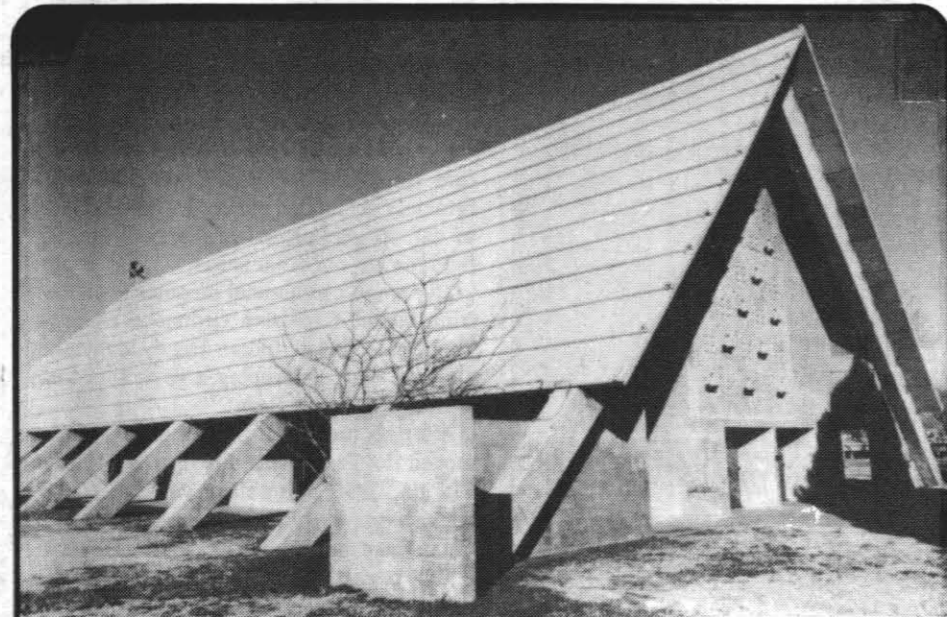
The team decided to look at the use of indicator tubes as a field method of determining the TNT concentrations. They noted, in a report on the project, that health specialists have used indicator tubes to measure toxic concentrations in the atmosphere and felt the tubes could have a practical application in the detection of

(Continued on Page 7)



**NOMINEE** — AZ3 Cynthia Langford from Air Test and Evaluation Squadron Five has been selected as the China Lake nominee for the Civilian Military Affairs Council's High Desert Military Person of the Year award.

— Photo by PH2 Rick Moore



## Camp Fire celebrates 75 years of service to youth, families

March 1985 marks the 75th anniversary of Camp Fire, whose purpose is to enrich the lives of girls and boys.

The organization has provided an informal educational program for youngsters to help them grow and develop as caring contributors to society. The children, with the aid of Camp Fire, are able to explore a variety of interests and develop skills.

In addition, the organization seeks to improve conditions in society affecting children through legislation and educational movements.

Camp Fire is a member of the United Way of Indian Wells Valley, and receives some of its support from that organization.

Although originally for girls from kindergarten through 12th grade, since 1975 the organization has been open also to boys. The organization, more than most youth groups, is oriented toward including all members of the family.

Community involvement and service is emphasized. In November and December each year, for instance, Camp Fire members help put together Christmas baskets and gather toys for underprivileged youngsters. In January, the Valentine Veteran Project finds the youngsters making placemats and tray favors, as well as wall hangings for veterans at Loma Linda Hospital and the Veterans' Hospitals, and writing letters and sending cards to the veterans.

Boys and girls can enter Camp Fire as Sparks when they are in kindergarten, and become Bluebirds when they enter first grade. Those in grades four through six are Adventurers, while in grades seven through 12 they are Discoverers.

Locally, Camp Fire has sponsored both the "I'm Safe and Sure" program for those who are 5 to 7 years old, and "I Can Do It" for second and third graders.

"I'm Safe and Sure" helps children keep themselves safe by helping them avoid being the victims of crime and other potentially harmful situations. The eight sessions include what rules are necessary, how to play safely, toxic substances, honesty, how to deal with strangers, conflict, home security, and how laws work.

"I Can Do It" discusses a variety of topics from how to protect oneself from strangers to how to make snacks to fire safety.

A total of 1,735 Kern County youngsters are enrolled in Camp Fire. Elaine Hoesman, the executive director of Camp Fire for the county, notes that with more volunteers to serve as leaders, more youngsters can become members of the organization.

Leaders must be at least 18 years of age, although their assistants may be younger. Anyone wishing to volunteer to help is encouraged to telephone either Barbara Roberts at 375-8641 or Karen Manatt at 375-2373.

### Technical communication class offered next week

A few places remain available in a class entitled "Effective Technical Communication" that will be held on Thursday and Friday, Feb. 28 and March 1. Anyone interested in signing up for the class, which runs from 8 a.m. until 4 p.m. on both days, should telephone Ophelia Davis at NWC ext. 2686 no later than Feb. 25.

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

### Employee in the spotlight

## Machinist's skills play vital role in optics, laser research program

The outstanding skills as a machinist that Bill Faith, a physical science technician, developed while he served an apprenticeship at what was then the Naval Ordnance Test Station, have proven of tremendous value to the assortment of physicists with whom he works in the Quantum Surface Dynamics Branch of the Research Department's Physics Division.

"We can buy parts and put them together to form test sets that meet our needs," he says, "and can interchange these parts in the various laboratories."

He comments that some of the systems are mechanically complicated and "someone has to worry about these. Also," Faith continues, "sometimes I can automate the systems so that I'm not needed on a day-to-day process."

The work that Faith has done in building test stations to determine the effects of lasers or optical components is only part of the contribution that he's made to the work of the Physics Division. He also has participated a lot in experiments, as well as in the type of work that leads to development of new components or approaches to meet problems.

Faith is a co-author of two published patents, has been granted one patent, and has

another in process.

Working for the government seemed a natural course for him to follow, he says, because his father was also a civil servant.

Six months before the attack on Pearl Harbor, Faith's father accepted a job as a welder at Pearl Harbor in Hawaii and moved the family there from Napa, Calif. "We lived in the end house by the fence at Hickam Field," Faith says, "and the Japanese planes flew right overhead when they attacked Hickam Field." He notes that the aviators seemed to take great care, however, to avoid shooting at the civilian quarters.

When he was 14, the family moved back to the mainland, this time to Hawthorne, Nevada. Their stay in Nevada lasted only one year; they next moved to Barstow.

"My family wanted to end up in Ventura," he says, "so they moved in that direction as quickly as they could." And the family did get there in time for him to graduate from Ventura High School in 1953.

While at Ventura College the next two years, he met his future wife, Ann, who was also a student. She remained in Ventura during the first two years that he spent in the machinist apprenticeship program at China Lake, and "I spent a lot of time on

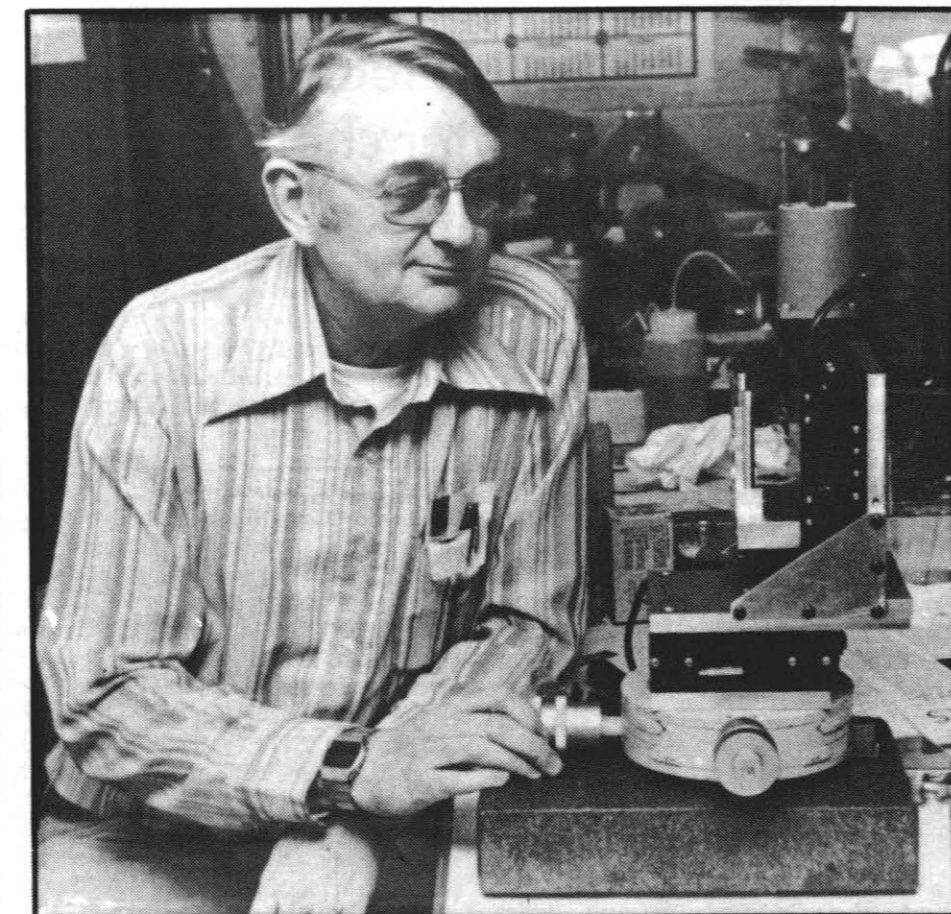
the road between here and Ventura during those two years," Faith chuckles.

Marriage followed, and two sons were born to them. Steve, now 25, is in his third year at optometry school at the University of California at Berkeley. Steve's wife, Michele, works at Moffett Field as a computer programmer. Brian, now 21, is manager of The Entertainer Records and Tapes in Ridgecrest. Although their boys are both grown, Mrs. Faith spends much time in the company of young people; she works in the attendance office at Burroughs High School.

Faith says that he's had one main hobby for many years: motorcycling. He joined

the Sand Blasters motorcycle club in 1960, "back in the days when all of us off-road motorcyclers in the valley knew each other." His motorcycle interest extends to having been a motorcycle safety instructor for five years, as well as to a fascination with antique cycles.

All in all, he says, he's very happy that he came to work at China Lake. "The apprenticeship program was great — you learned not only your subject, but also the things peculiar to China Lake." Since he completed that program, he says that he has always been in the midst of interesting work, especially in the 20 years that he's worked in his current branch.



**DELICATE WORK** — Bill Faith's "desk" is his work bench where he designs and builds test sets to determine the effects of lasers on optical components. — Photo by PH2 Rick Moore

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake

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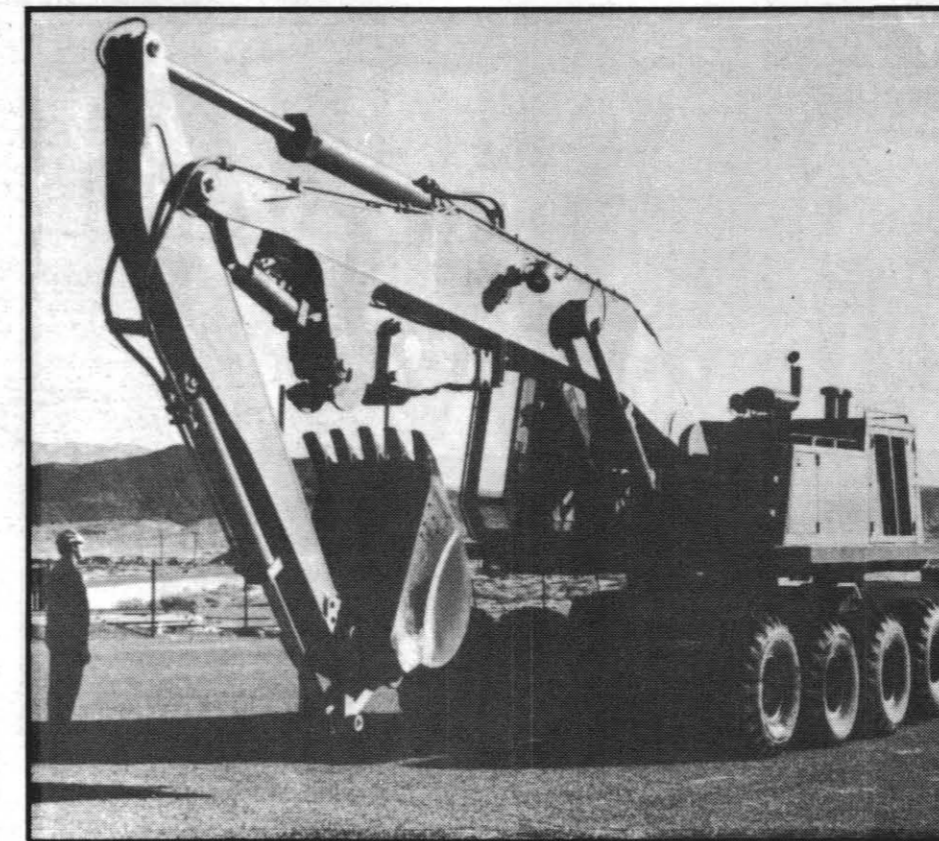
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News Stories deadline Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P. 35 revised May 1979. Office at Nimitz and Lauritzen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.  
Phone 3354, 3355



**MECHANICAL MONSTER** — CW03 Tom Williams checks to be sure that the 50-ton backhoe has plenty of maneuvering room in the EOD parking lot. — Photo by Steve Boster



**CLIMBING ABOARD** — CW03 Tom Williams from EOD Group One Detachment China Lake gets into the 50-ton backhoe being tested by that group. — Photo by Steve Boster

## EOD tests backhoe. . .

(Continued from Page 1)  
ordnance has fallen or been dropped. Then it is attached to its remote control unit by control cables, and the operator can manipulate the giant arm from the safety of an Armored Personnel Carrier about 200 feet from the backhoe.

Two television cameras are located inside the cab so the operator in the cockpit console in the APC can get a good look at what's happening in the digging — and can

do so safely. Big lights on the backhoe ensure that it can be used either day or night.

Weight of the machine is distributed over its eight wheels; the big tires on these keep it from sinking into the sand and stalling.

The monster, built by Koehring Co. of Milwaukee, Wisconsin, is being evaluated under the supervision of the Naval Explosive Ordnance Disposal Technical Center at Indian Head, Maryland.

## NWC chemists develop TNT detection kit. . .

(Continued from Page 1)  
TNT in water.

The colored stain in the indicator tube, when compared with standard tubes of known TNT concentrations, shows how much toxic material has contaminated the water being sampled.

In order to control the variables, the flow rate of water, the interior diameter of

the indicator tube and the volume of water are kept constant during the test.

With a 10 milliliter volume of water to be tested, the operator can complete the test in less than 10 minutes with the TNT concentration showing up in the length of the reddish stain produced.

Since there is also a need for rapid soil analysis, the technology was adapted to do the test using a simple extraction method.

Soil samples are extracted with methanol and the methanol extract is pumped through the indicator tubes to form a stain in the same manner as the water samples.

The kit, five of which have been manufactured at NWC and sent out for field testing, has all the necessary components to analyze for TNT in water and soil with indicator tubes. The whole thing fits in a brief case for transporting to the sampling site. Also included is a power inverter with cables to hook up to a vehicle battery when 110 volt power is not available.

Among the installations now using the NWC-developed kits are the Army's Toxic and Hazardous Materials Agency at the Aberdeen Proving Ground in Maryland, Naval Weapons Station at Yorktown, Virginia and Naval Energy and Environmental Support Activity (NEESA) at Port Huon.

A survey of users by NWC found that three operators responded and felt the development of the kits had been beneficial, that they were portable and accurate and the field testing kits were easy to use with, at most, a brief familiarization period.

The responses have been gratifying, said Dr. Green. He noted that chemists often do not get to see the application of their laboratory work in the field.

## Thrifty Wash holds Scratch league lead

Holding a five-game bulge, Thrifty Wash remains in first place this week among Premier Scratch League bowling teams with a 305½-244½ record. Elks Lodge Keglers are in second with a four-game lead over the third place Cal Gas bowlers.

Bob Bartlett's 611 was the high series of the night and he added a strong 226 game. Other top games were rolled by George Bowles and Johnny Johnson at 222 each.

Cal Gas took team honors for the night, turning in a 967 team game and a 2,742 team series leading the pack.

"The real challenge was to bring all the components together into a usable device," said Dr. Green.

He also noted that there seems to be a lot of interest in the kits. The technology is now ready for transfer to a manufacturing operation.

Materials needed for the kit cost about \$1,000 and, with the exception of the indicator tubes, all of the materials are available commercially.

## Nightcrawlers still best for anglers after big fish

By Mike Vradenburg  
Nightcrawlers are the bait used by most anglers. Nightcrawlers are an excellent all round bait that catches bass, trout, catfish, and bluegill.

Many anglers enjoy catching trout and bass, and it can be done in the same area with the same setup if you are using a nightcrawler attached only to the straight part of the hook to let it wiggle freely.

Shore fishermen, cast 40 to 50 feet out, and let the line settle to the bottom. Let it set for a few minutes, then reel in a few feet and let it set again, continue this method until your setup is retrieved.

Trout and bass bite differently, and it is easy to tell them apart with close observation. The bass will take the nightcrawler into its mouth then lay down or maybe immediately try and run with it to deeper water.

On the surface when the line straightens out, get ready! It will then move to the side or forward, so pull back to set the hook and the fun has begun. Trout bite the nightcrawler, and usually swallow it after two or three bites.

On the surface it will appear as strikes, and the angler can try and hook the trout or wait and let the bait be swallowed. The areas to use this method are Camp Nine, French Gulch, Robinson Cove, Stone Point, and Brown's Cove.



**DISTINGUISHED GRAD** — John DiDomenico of the Systems Engineering Branch at the Aircraft Department's Engineering Support Division, was a distinguished graduate of the Contracting Officers Technical Representatives Course at Fort Lee, Virginia. Dave Eiband, branch head, presented DiDomenico with a letter of commendation from the school commandant. — Photo by PH2 Rick Moore



# Sports

## Youth League hoopsters enter final weeks of play

With only two full weeks of play remaining in the season, Youth Winter League Basketball play is in full swing. There were 10 games played last week.

### Intermediate Division

**Pistons 20, Rockets 11**  
Derek Brown's six points paced the Pistons past the Rockets, 20-11. Sean Hansen, Jason Rainwater and Natalie Noel added four points each while G. Balante had two points in the win.

Matthew Bullock's six points led the Rocket effort. Brad Bays scored three points and Charles Eberhart two in the loss.

### Nuggets 35, Huskies 22

Harry Steven connected for 11 points and Todd Mather 10 markers as the Nuggets stopped the Huskies, 35-22. Chris Brown and Tommy Mather had four points each.

Amanda Cordell's 10-points effort led the Huskies in the loss. Scott Ross and Toby Fisher added six points each.

### Spurs 38, Celtics 34

The Spurs, led by a 14-point performance by Rod Zagala's 14 points nipped the Celtics 38-34. David Bartels added 12 points and Dwight Mason six in the win.

Mike Strathdee's 10 points were high for the Celtics while Chris Fisher and Chris Marshall had eight points each.

### Instructional Division

#### Bulls 50, Stars 41

The Bulls got a hot 36-point game from Josh Moorhead as the Bulls stopped the Stars, 50-41. Mark Russell added 12 points to the attack.

Damon Kelling and Anthony Weber notched 18-points each for the Stars in the defeat.

#### Suns 15, Nets 9

In a low-scoring defensive contest, the Suns, led by a five-point effort from Michael Eberhart, nipped the Nets 15-9. Chuck Rouland and Issac Curran had four points each and Keith Parris two.

The Nets were paced by five points from

Scott Foremaster. Will Irvin and Tony Dominguez had two points each.

### Senior Division

**Kings 55, Mavericks 50**  
Paul Mantz paced the Kings in a close victory over the Mavericks 55-50 last week. Bobby Lewis and Rusty Waugh added eight points each for the winners.

Steve Halemman's 25-point effort keyed the push by the Mavericks, Ryan Miller notched seven points and Matt Kibbe six in the defeat.

### Mavericks 41, Bullets 14

The Mavericks were never in trouble as they ripped the Bullets, 41-14. Steve Halemman ripped for 23 points in the easy win and four others hit for four points each.

Doug Hayes had a 10-point game for the Bullets and Stacey Schoen added four points.

### Clippers 43, Kings 35

Eric Winter hit for 18 points as the Clippers edged the Kings, 43-35. Chad Labarre added eight points and Troy Perkins had six.

For the Kings, Bobby Lewis connected for 12 points in the loss. Rusty Waugh added 10 points and Gary Gray nine markers.

### Junior Division

#### Jazz 69, Lakers 38

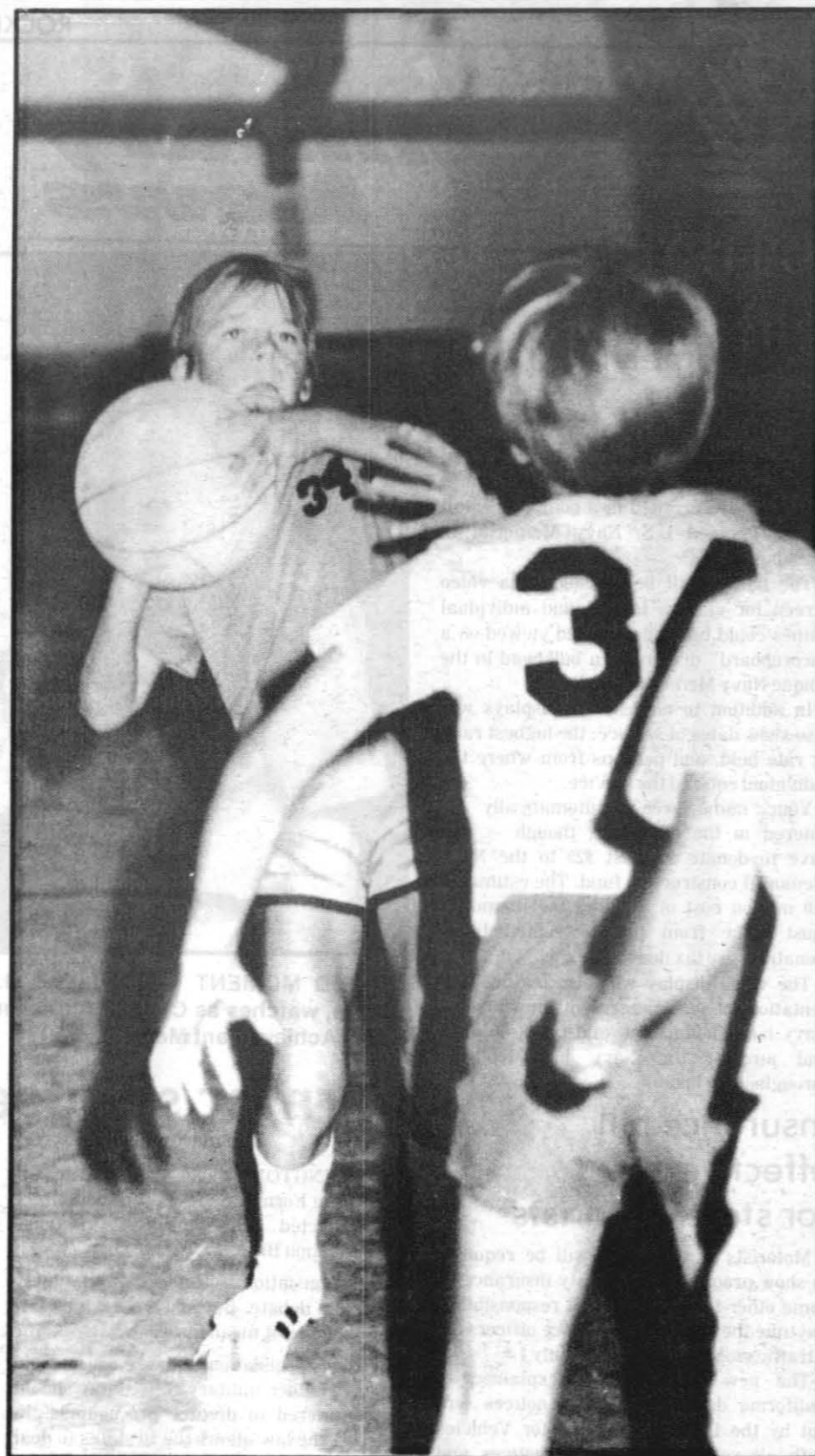
A one-sided contest, the Jazz ripped the Lakers, 69-38 as three players hit in double figures for the winners. Lamont Dawson had 19 points in the victory while Danny Mather and Kelly Richardson had 12 points each.

Paul Ashton's 12 points led the Lakers while Edward Hamilton notched 11 points in the loss. Matthew Gross had eight points.

#### Bucks 43, Warriors 39

With a 20-point performance by Lance Moore, the Bucks were able to nip the Warriors, 43-39. Patrick Gilbreath canned nine points in the victory.

For the Warriors, Shawn Hamilton's 17 points paced the attack and James Bell added 10 markers in the losing effort.



**GOOD SHOT** — Youth basketball action at NWC continues this week with games on tap tonight and tomorrow. The games are open to the public free of charge. — Photo by PHAN Greg Hogan

## Golden Corral, Meanies only undefeated teams

Two teams, Golden Corral and the Meanies still have spotless records in the second half of the NWC Adult Winter Basketball League. Another team, the Clinic cagers, are still seeking their first win of the second half a season.

This is the final full week of play for the 1984-85 season. The last games are set on Tuesday, Feb. 26 in the NWC gym.

### Kondors 56, Misfits 44

Burnhardt's 18 points paced the KZ Kondors to a 56-44 win against the Misfits. Booth with 14 markers and Homer with 10 were in double figures for the winners.

R.L. Barton and Bryant with 16 and 11 points respectively keyed the attack for the Misfits in their third loss of the season.

### Road Runners 45, Athletes 44

Leading by two points at the half, the Road Runners held on to nip the Athletes in Traction, 45-44. Rivera led the winning attack with 12 points.

Pande's 12 points was high for the Athletes in Traction squad while Higgins chipped in with 10 markers.

### Puccis 47, Reeds Raiders 46

With a four point bulge at halftime, Puccis were hard pressed to hold off the Reeds Raider rally as Puccis took a 47-46 win. Burke's 18-point game led the winners while Leahy came up with 13 points. For the Raiders, Don Gratton notched 12 points and Miles added 10 markers in the loss.

### Meanies 58, Pioneer 50

One of the two unbeaten teams, the

Meanies overcame a 29-27 halftime deficit to stop Pioneer Motel, 58-50.

Irvin's 20 points led the winning attack while Chapman notched 14 points and Clark added 10 points. In the loss, S. Blanch got 16 for Pioneer Motel and Polk added a 12-point effort.

### Golden Corral 69, NWC 28

The hot and still unbeaten Golden Corral cagers ripped the NWC Lakers, 69-28. Daryl Moline was the leader for the winners with 24 points. Connie Reeder added 16 points and Cubit 11 in the win.

For the NWC cagers, Mike Kauppi had a high game of 11 points.

### Road Runners 46, Misfits 32

With a strong first half showing behind them, the Road Runners breezed to a 46-32 win against the Misfits. Rivera led the winners with 12 points and Trenta added nine markers.

### Lucas got 11 points and Bryant added 10

Lucas got 11 points and Bryant added 10

markers.

### Kondors 53, Athletes 48

Barnhardt and Homer hit for 18 points

each.

### OTHTC hosts annual race tomorrow

The Over-the-Hill Track Club will host the annual George Washington's handicap race tomorrow, with registration beginning at 8:30 a.m. and the first runners starting at 9 o'clock.

The eight mile race begins and ends at the Desert Empire fairgrounds in Ridgecrest. Medals will be awarded in men's and

women's categories and for both handicap and scratch times.

The race features a Portsmouth start, with each runner receiving a handicap based on ability that determines the runner's starting time. Slower runners will start first, followed by those whose records indicate that they are faster. If the handi-

### Standings

#### National Division

The Clinic got a 21-point effort from Fisher while Singleton added seven points in their fifth loss.

#### Pioneer 78, Puccis 42

The highest scoring game of the week found Pioneer Motel ripped Puccis, 78-42. A 23-point game by Smith and 22 from S. Elanch keyed the win. Polk added 17 markers.

Leahy came up with 18 points for the Puccis squad while Switzer added eight points in the losing cause.

#### Kondors 53, Athletes 48

Barnhardt and Homer hit for 18 points

each.

#### Golden Corral

Golden Corral 4 0

VFD 3 1

NWC 2 3

Clinic 0 5

#### American Division

KZ Kondors 4 1

Athletes 3 2

Road Runners 3 3

Misfits 1 4

#### Central Division

Meanies 4 0

Reeds Raiders 2 2

Pioneer Motel 2 3

Puccis 1 4

each in leading the KZ Kondors past the Athletes in Traction, 53-48. Booth chipped in 12 points in the win.

Higgins paced the Athletes in Traction with 13 markers while Allen added nine points as they lost their second game of the half.

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#### Central Division

Meanies 4 0

Reeds Raiders 2 2

Pioneer Motel 2 3

Puccis 1 4

## The Skipper sez



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.

### QUESTION

**Civilian Employee** — Why is it that all the service organizations that provide a service to scientists or engineers always do so at their own convenience? I'm addressing specifically the obtaining of travel orders, auto reservations, travel advancements, and tickets for scientists or engineers who go on travel. Several months ago we were able to have a one-step service to pick up all that material, now we seem to have gone backwards and now it requires us to go to two and possibly three different places to pick up all the necessary paper work prior to departure on travel. It seems like every time there's a relocation or a reorganization here at NWC we keep going back in time at the inconvenience of scientists and engineers who are doing the real work here. It seems that management, from the branch head to the Tech. Director and above, who have secretaries to run around and gather up all the necessary paperwork, are insensitive to what the real working troops have to do. What can be done about it? The other question I have is, why is it you can't get a badge renewed at least the week before the month of expiration, especially if the scientist or engineer is going on travel in the month the badge is going to be renewed? Also, the fact the badge issue organization appears to be totally insensitive to the particular needs to the scientist or engineer. Thank you very much.

### ANSWER

Your blanket indictment of service organizations at the Center is quite simply wrong, as is your complaint that management in general is insensitive to the needs of the people here. I will attempt to respond to your complaints to the extent that they can be identified.

First of all with regard to your complaints about one stop service for picking up travel orders, advances and tickets. The Travel Office and the Disbursing Office, which are elements of the Naval Weapons Center, along with the Personnel Support Detachment (PSD), which is a tenant activity providing service to the Center, are the organizations that are responsible for processing travel orders, advances and tickets. There is no practical way to assemble these three organizations in one geographic location. These three different offices work together with the goal of combining travel orders, advances, and tickets in one package which travelers can pick up at the Disbursing Office. However, a recent change which requires that rental car reservations be made by PSD (this change was mandated by higher authority and not by Center management) resulted in some processing delays which on occasion did require that travelers make multiple stops to obtain the necessary documents. As always, whenever there is a change in procedures, there is a period of adjustment. However, not all such problems are caused by or controllable by these service organizations. Frequently, travel orders are not received by the Travel Office until one or two days prior to the planned departure date. This does not provide enough time for the Travel Office to prepare cost estimates and perform administrative reviews, for PSD to endorse the travel orders for rental car reservations and issue tickets, and for the Disbursing Office to issue advances and endorse the orders. This is a high volume operation with more than 20,000 travel orders per year, and it would help a great deal if travelers would make every effort to get their orders into the hopper as early as possible. I have been aware of the multiple stops problem, of problems with rental cars, and other difficulties that our travelers have, and I recently commissioned a study of the whole process to see how pervasive these problems are and what we could do to help. If you have a specific concern about a specific problem that you have experienced, I would like to hear about it.

With regard to your other identifiable question having to do with why badges can't be renewed before they expire if the individual is going to be on travel at the time of expiration, it has been an established policy of the Safety and Security Department for sometime, that a badge will, in fact, be issued if a customer comes in early and indicates that he or she will be gone at the time the badge is due for renewal. I might note that the badge and registration section (Code 24311) at the main gate is also a high volume operation. More than 23,000 passes and badges were issued to NWC employees and to contractors during calendar year 1984. We cannot think of a better way to handle this volume than simply a first come first served basis; and in view of the volume, the person who is seeking to have a badge renewed probably ought to be just a bit philosophical about possibly having to wait a few minutes. It gets pretty expensive to try to staff these service organizations to a "peak load" level and pay for the result in downtime at other than peak periods. We would rather rely on the advance planning and good will of the customer to try to help us even out the work load to the extent possible.

## 'Buy Our Spares Smart' program solid success

First year results indicate the Navy's "Buy Our Spares Smart" (BOSS) program is a solid success. BOSS is the Navy's program to get fair and reasonable prices for spare parts.

During FY-84, the Navy saved \$193 million on spare parts and other material and services for weapons systems. This is more than five times as much as the Navy's investment in the BOSS program. BOSS's success results from the attention of all hands to the three main goals of the project.

Increased breakout — buying spares from the original manufacturer or through a competitive process rather than buying them only from the historical sole source contractor.

Improved competition — increasing the use of competition in buying material and services to support Navy systems.

Improving quality in the buying process — taking a close and better look at the parts, determining what they are, how much they should cost and whether they can be purchased at a cheaper rate.

Each of these three areas showed major improvements in the past year.

Calls to the pricing hotline increased also during FY-84 and led to 156 cost reductions to Navy activities. People suspecting overpriced material may be eligible for cash awards under their local command's beneficial suggestion or incentive awards programs.

### TID artist designer of new Rocketeer logo

The artistic hand behind the Rocketeer's new logo is that of Olivia Francis, a visual information specialist in the Printed Media Design Branch of the Technical Information Department. She is also responsible for the design used in the Personnel Department's insert to the Rocketeer, "Personnel News and Notes."



**MILESTONE MARKED** — Dr. A. B. Amster, head of the Research Department's Chemistry Division, and Burrell Hays, NWC Technical Director, watch as Capt. K. A. Dickerson, NWC Commander, pins a 40 year federal length of service pin onto Lorraine E. Martin.

## Research Dept. secretary gets 40-year federal service award

A 40-year federal length-of-service award was presented on Feb. 11 to Lorraine E. Martin, a secretary in the Research Department.

Presentation of the 40-year pin and certificate was made by Capt. K. A. Dickerson, NWC Commander, during a ceremony held in the Skipper's office.

Mrs. Martin's service with the government began when she enlisted in the Navy in November 1943. She served her tour of duty as a Yeoman First Class in the Navy Personnel Office at Moffett Field, California and was honorably discharged in August 1946.

Her civilian service career began in October 1946 as a clerk in the Medical Department of the Naval Air Station, Moffett Field; she worked there and in the Industrial Relations Division until 1949.

Her next assignment was in the District

Office at Oakland, California and she next moved to working as a typist and clerk for the Military Air Transport Service at Davis-Monthan Air Force Base, Tucson, Arizona.

Mrs. Martin first came to China Lake (then the Naval Ordnance Test Station) in October 1954, and went to work in the Test Department as a clerk-typist.

She left NOTS in 1959. Her next position was as a voucher examiner in the Comptroller Department at the Pacific Missile Range at Point Mugu, where she worked for 13 months.

For the next 6 years, Mrs. Martin worked at Port Hueneme, California in the Military Affairs Department and in the Administrative Services Division.

She returned to China Lake in 1967, where she worked in the Engineering Department and the Fuze Department before moving to the Research Department in 1973.

Over the course of her career, Mrs. Martin has received several letters of appreciation, a letter of commendation, two Special Act Awards, and a Sustained Superior Performance Award.

Volunteers needed to help at annual Health Fair April 13

Planning is underway for the sixth annual Health Fair Expo to be held locally on Saturday, April 13, at Burroughs High School's multiuse room and in adjoining buildings.

At the Health Fair Expo, residents of all ages will be able to get a basic health check free; if they wish to include a blood chemistry test, a fee of \$10 will be charged for this sophisticated test that would ordinarily cost many times the low fee.

Persons interested in attending this course can phone Carol Corlett at NWC ext. 2349 before the close of business today for more information.

Volunteers, both with medical backgrounds and without medical backgrounds are also being sought to help with the variety of screenings offered to the 700 or more expected to take advantage of this checkup. Anyone wishing to volunteer to help should phone Dan Banks, Site Coordinator, evenings or weekends at 375-7108.

In addition to the series of health screenings offered, a variety of health-related displays will be in the multiuse room. Changes in procedures for this Health Fair Expo will ensure those who are waiting for screenings will not need to stand while they wait; waiting time will also be kept to a minimum.

Health Fair Expo is sponsored by KNBC (Channel 4 in Los Angeles), Chevron USA, the Hospital Council of Southern California, and the American Red Cross. Health fairs will be held in more than 100 sites in southern California during the months of March and April.

## 7 complete technical management training certificate program

The seven most recent graduates of the Center's Technical Management Certificate Program received their certificates at the Commander's meeting held Monday morning.

Burrell Hays, NWC Technical Director, said, as he gave out the certificates, that the program was developed to help meet the unique problems that technical managers encounter at this laboratory.

The more than 330 hours of classroom instruction cover Department of Defense, Navy and NWC management policies and practices in general and their application to the management of system acquisition programs at NWC in particular. Courses are taught by Center personnel and by contractors.

The program is the most extensive of any technical managers' training program in the Navy, with the course work normally taking between two and three years to complete.

"The instruction," said Hays, "is geared around what old timers have learned on the job, especially in the product assurance field. That you are willing to put in the necessary hours shows your dedication and desire to perpetuate the China Lake culture."

The newest graduates of the Technical Management Certificate Program are Bruce Bartels, Technical Manager of the FMU 139/B Electronic Bomb Fuze, Code 3355; C. Kent Bullock, head of Laser Systems Branch, Code 3151; Ray Caruso, head of Countermeasures Branch, Code 3543; LeRoy Corlett, Project Engineer for JTIDS, Missile Demonstration Project, Code 3926; Allen W. Jones, Deputy Program Manager of the Sidarm Technical Management Office, Code 3505; Thomas LaJeunesse, head of the Simulation Services Branch, Code 3914; and Chris Peterson, head of the Soldering Technology Branch, Code 3681.

## Applications sought for financial mgt. career fellowships

The Department of the Navy Financial Management Civilian Career Program is a unique opportunity for civilian financial managers to strengthen their abilities. The fellowship pays tuition and book costs for three quarters or two semesters of full-time graduate study in courses related to the needs of Navy financial management.

Eligibility criteria for the fellowship are:

A. Demonstrated potential for advancement and a high degree of professional competence.

B. A minimum of three years of civilian service in Department of the Navy financial management.

C. Grade GS-9 through GS-15, or equivalent.

D. Acceptance at an accredited college or university which offers a curriculum for full-time graduate level study compatible with the financial management career program.

E. Development of a proposed course of graduate study. Specific courses are to be outlined in the nomination.

Interested individuals should submit endorsed nominations through the chain of command to Commander, Navy Accounting and Finance Center (NAFC 3), Crystal Mall 3, Room 119, Washington, D.C., 20376-5001. Completed nominations are due no later than March 1, 1985.

## Mass tapes to be shown Wednesday

The Massey tapes, "What You Are In It," will be seen at the Training Center Annex on Wednesday from 8 to 11:30 a.m. No training form is required for attendance, but attendance will be limited to the number of available seats.

The showing of the tapes is sponsored by the Federal Women's Program.



**CERTIFICATES PRESENTED** — Charlie May, head of the Center's Systems Acquisition Office, and Burrell Hays, NWC Technical Director, flank graduates of the Technical Management Certificate Program. Receiving the certificates for completing the course are (l. to r.) Leroy Corlett, Tom LaJeunesse, Ray Caruso, Kent Bullock, Chris Peterson, and Bruce Bartels. Unable to be present for the picture was Allen Jones, who also completed the 330-hour instructional program taking more than two years. — Photo by PH2 Rick Moore

## Programs safeguard taxpayer interests

### Loss prevention activities ensure accountability

Helping to ensure that the taxpayer gets full value for money expended is the Loss Prevention Subcommittee of the Center's Physical Security Review Committee, which keeps an eye on proper use of Navy resources, including materials, supplies and other assets.

The function of such a committee is enthusiastically endorsed by all cost-conscious citizens — including civilian and military DOD personnel, because they, too, are taxpayers.

While the overwhelming majority of the Center's personnel are honest and conscientious, the few who might be careless or dishonest make a loss prevention program necessary to remind all employees that they have the responsibility to safeguard government property.

#### PROGRAMS LISTED

A variety of loss prevention activities have been in operation on the Center for varying lengths of time — some for many years. Activities falling into this category are random checks (which include safety equipment checks as well as inspection for unauthorized items); loss trend analysis, developed by the China Lake Police Division to determine what types of property tend to be lost; and the MLSR (missing, lost, stolen, recovered) report that must be

## X-29A forward swept wing program topic at engineer's dinner

Tickets will be available at the door tonight for the Engineer's Week dinner. Set at Le Parc restaurant, the dinner will be followed by a talk from Walter J. Sefic, project manager for the X-29A Forward Swept Wing Program at Ames Dreyden Flight Research Facility.

The annual event is sponsored by the High Desert Engineering Association (HIDEA) as part of the observance of Engineer's Week. Capt. K. A. Dickerson, NWC Commander, also signed a proclamation last week to designate the week of Feb. 18-22 as Engineer's Week here.

The social hour starts at 6 p.m. followed by dinner at 7 p.m. and the program by Sefic is planned for 8 p.m.

The menu offers a choice of entrees: red snapper or cod in cream sauce or chicken grand-mere. Tickets are \$12 at the door.

The X-29A program is the latest in the X-series research aircraft and the first in more than a decade. The X-1 flew in 1946 to mark the start of the experimental program.

made to higher authority.

The Management Controls Program initiated last year under Dr. Mary Frost examines the vulnerability of various Center operations to fraud, waste, or misuse of resources or to inaccurate reporting.

Also in the management arena is the Center's Internal Review Program, whose auditors try to find and correct potential problems.

Plant accounted property has always been subject to regular checks to determine its location and to ensure that those to whom it is charged can physically produce

## FOIA coordinator to talk on information act application here

Today is the last day to make reservations for a luncheon at which Loretta King, Freedom of Information Act Coordinator, will discuss FOIA and its applications at the Naval Weapons Center.

The luncheon is on Tuesday at 11:30 a.m. at the Commissioned Officers' Mess. It is being sponsored jointly by the Society for Technical Communication and the American Society for Public Administration.

Reservations are required. Menu choices are either the hot lunch, at \$3.50, or a chef salad at \$3.25. Reservations may be made by telephoning Mickey Strang at NWC ext. 3354, or Bill Eichenberg at NWC ext. 2968.

## China Lake Police reports

Two petty thefts were reported Saturday at the NWC gym. One victim lost \$230 when a wallet was removed from a locker in the gym. The second report was of a purse stolen from an unlocked vehicle. The contents were valued at \$140.

#### VEHICLE LOCATED

A reported stolen vehicle from the old duplex area was located in Ridgecrest. It had been borrowed by a friend without the owner's permission.

#### BURGLARY REPORTED

On Tuesday a report was filed that unknown persons forcibly entered the door to an office at Armitage Airfield and took a radio cassette player and two tapes from the office. The missing player and tapes are valued at \$140.

#### MOTORISTS CITED

Two motorists stopped by China Lake officers for routine traffic violations were found to be driving without current licenses. The first was driving with a suspended license and was issued a

the item. As well as verifying accountability for plant accounted property, the regular checks are a reminder that if the item is no longer needed, it should either be turned in to the Equipment Locator Service or be surplus.

A computer listing of small, readily pilferable items (from flashlights to wall clocks to briefcases) purchased and the badge number of the purchaser is sent to all departments on the Center quarterly. By looking at this list, supervisors can be alerted to unusual purchases made from Telmart and the supply warehouses by personnel in their organization.

A new activity is being established in concert with the Loss Prevention Program — random spot checks at worksites in which codes who have withdrawn selected material will be asked to account for that material. The random checks will be on stock issue items like power tools, computer components, and items of similar value.

## Center library has IRA instructional TAX TAPES

The Center Library has just received TAX TAPES from the IRS. These cassettes have simple, step-by-step instructions to help tax payers complete their federal income tax forms: 1040EZ; 1040 A and Schedule 1; 1040 Schedules A, B & W and special tips including tips for self-employed and the military.

misdemeanor citation to appear in court. The second was unlicensed and was also cited into court.

#### DUI ARREST MADE

A routine traffic stop Saturday found the driver to be driving while intoxicated. The driver was arrested, held for five hours and released on a misdemeanor citation.

#### SHOES STOLEN

A victim reported Tuesday that someone entered her bedroom at the BEQ and removed a pair of shoes. The shoes cost \$60.

#### JUVENILES FOUND

Missing persons reports were filed on two Murray Junior High School students. The two girls were located in Bishop, brought back by the China Lake police and returned to their parents on Tuesday.

#### DRIVER HELD

During a routine traffic stop, the driver of the car was found to be under the influence; was arrested, held for five hours, cited and released Tuesday by the China Lake police.



# Military News

## Lt. James Allen wins Achievement medal

### Navy people can have names listed on log

WASHINGTON (NES)... Former and present Navy people may have their names permanently recorded in a computer vault in the planned U.S. Navy Memorial in Washington, D.C.

The names will be scrolled on a video screen for visitors to see, and individual names could be requested and viewed on a "scoreboard" display on a bulkhead in the unique Navy Memorial Log Room.

In addition to names, the displays will also show dates of service, the highest rank or rate held, and perhaps from where the individual entered the service.

Your name won't automatically be entered in the computer, though — you have to donate at least \$25 to the Navy Memorial construction fund. The estimated \$10 million cost of building the memorial must come from private contributions. Donations are tax deductible.

The video display will also feature presentations of sea engagements in which the Navy has participated, and types of ships and aircraft the Navy has deployed throughout its history.

### Insurance bill effective July 1 for state motorists

Motorists in California will be required to show proof of auto liability insurance or some other form of financial responsibility anytime they are cited by peace officers for a traffic violation starting on July 1.

The new law is being explained to California drivers in special notices sent out by the Department of Motor Vehicles with all vehicle registration notices and every driver's license or license extension notice.

It serves as a reminder that motorists should have the name of their insurance company and the policy number with them when ever they drive starting in July.

Under state law, drivers will be subject to fines up to \$200 and loss of their driver's license for failure to have insurance or prove financial responsibility.



**PROUD MOMENT** — Lt. James B. Allen, Judge Advocate General's Corps, watches as Capt. K. A. Dickerson, NWC Commander, pins on the Navy Achievement Medal. — Photo by PH2 Rick Moore

## Former spouses protected under new law

WASHINGTON (NES)... A revised version of the Former Spouses' Protection Act was enacted with the 1985 Defense Authorization Bill.

This legislation is the focus of highly emotional debate. But just what is this law and what does it mean to you?

The new legislation allows each state to decide whether military retired pay should be considered in divorce proceedings. In essence, the law allows the 50 states to deal with military retired pay in the same manner in which they deal with civilian and federal civil service pensions.

Eight states — California, Washington, Arizona, Idaho, Louisiana, Nevada, New Mexico and Texas — currently consider military retired pay as community property, which must be divided in divorce settlements. Also, it may be possible for divorce court judges to divide military

retired pay in divorce settlements in 39 other states.

The federal government will disburse up to 50 percent of net military retired pay to a former spouse, if a divorce court decree orders retired pay to be divided as alimony, child support or property.

However, the law doesn't limit the amount of retired pay that can be awarded a former spouse. It only limits the amount the federal government will disburse — 50 percent. For example, if a divorce settlement awards 65 percent of net military retired pay to the former spouse, the service member is legally bound to pay the 15 percent difference.

Additionally, the law requires that if a divorce decree awards a former spouse a portion of a service member's retired pay, those payments will continue for life — even if the recipient remarries.

The Former Spouses' Protection Act also covers benefits — health care, commissary and exchange privileges — which vary according to length of marriage and date of divorce.

People married to service members for at least 20 years, during which time the service member served 20 years of active duty, are eligible for full benefits. Regardless of the date of their divorce decree, these former spouses will receive health care, commissary and exchange privileges for the rest of their lives, unless they remarry or become employed by someone who provides health care insurance. However, they regain health care eligibility when their employment ends.

Former spouses who have been married to a service member for at least 20 years, but during that time the service member was on active duty only for 15 years, will also qualify for benefits. These former

The outstanding legal work performed by Lt. James B. Allen, Judge Advocate General's Corps, while he was a general attorney in the Naval Legal Service Office Detachment at Bremerton, Washington, earned him the Navy Achievement Medal.

The medal was presented by Capt. K. A. Dickerson, NWC Commander, in a recent ceremony held in the Skipper's office because Lt. Allen now serves as the Center's geothermal legal advisor.

The Navy Achievement Medal covers his activities from June 6, 1983 through Sept. 20, 1984, the time that he served at Bremerton. In addition to his work as a general attorney in the Naval Legal Services Office Detachment, he had collateral duty as medical-legal advisor to the Naval Hospital, Bremerton, ensuring that the rights of patients and of the U. S. Government were defined and protected.

Lt. Allen holds a bachelor's degree from St. Lawrence University, Canton, New York, as well as a master's degree in environmental law from Vermont Law School at South Royalton, Vermont. He completed his legal training at South Royalton, earning his law degree in 1982.

He and his wife, Cynthia, and their six-month-old son, Peter, have been at China Lake since last October 1.

spouses will be treated as two groups:

Those divorced before April 1, 1985, will receive health care from the federal government for the rest of their lives, unless they remarry or are employed by someone who provides health care insurance. They will not, however, receive commissary or exchange privileges.

Those divorced on or after April 1, 1985, will receive two years of health care from the Federal government before being shifted to a new health care plan. The Department of Defense will develop the new plan, but private-sector insurance companies will administer it. All those covered by the Former Spouses' Protection Act will be eligible, regardless of their state of health.

Complete details of this new health care plan are not yet available, but the health care insurance will be available to all former spouses, regardless of the length of their marriage. Additionally, the insurance will be offered to service members who don't complete 20 years of service and dependents of active duty and retired members who are no longer eligible for dependent health care.

The survivor benefit plan is another area affected by the Former Spouses' Protection Act. Under the revised law, if a service member agrees in writing to obtain survivor benefit plan coverage for the former spouse as part of a divorce settlement, the federal government will regard that agreement as binding and irrevocable. In the past, some service members have retired and failed to provide coverage to their former spouses.

More information on the former Spouses' Protection Act is available by writing to: Naval Military Personnel Command, Department of the Navy, Washington, D.C. 20370-5121, Attn: NMPC-121.

## Soldiers', Sailors', and Airmen's Club provides reasonable priced rooms

Active duty enlisted personnel, whether single or married, intending to visit New York City have a place to stay that is clean and reasonably priced.

With hotels in New York City costing from \$80 to \$100 per night, the rooms at the Soldiers', Sailors', and Airmen's Club, Inc. are a low \$8 per night.

The club, located at 282 Lexington Ave. in mid-town New York, is close to nearby subway and bus terminals and walking distance from the United Nations building, the Empire State Bldg., the USO and other local tourist attractions.

More information can be obtained by phoning (212) 683-4353.



**HARD AT WORK** — ABCM Larry Duysen gets back to some necessary paperwork after re-enlisting for another three years. The native of Lawton, Oklahoma, served more than 26 years and 10 months prior to this latest re-enlistment. Master Chief Duysen thoroughly enjoys serving at China Lake; he's completing his third tour of duty here now and will start his fourth tour in June. — Photo by PH2 Rick Moore

**MANAGERIAL ACCOUNTING FOR THE TECHNICAL MANAGER CURRICULUM (TMC) PROGRAM**

11-15 March, Monday-Friday, 0800-1400, Training Center. By: Code 086 Staff.

Prerequisite: A final examination is required for TMC students.

Intended Audience: TMC program participants.

Scope: This course is a survey of managerial accounting for the NWC technical manager. Emphasis will be on the application of accounting information to planning, control, and decision making. Topics covered include job order costing, overhead costing, responsibility accounting, and use of information in decision making. Case studies tailored to NWC managerial accounting will be discussed. Students should bring synopses of problems or techniques that they encounter in the financial aspects of their work for possible use as case studies.

Deadline: 25 February.

**DATA MANAGEMENT & DOCUMENTATION**

29 March, Friday, 0800-1600, Training Center. By: Bonnie Smith, Code 3651.

Scope: This course is part of the Technical Management Curriculum. The emphasis is on what the program or technical manager, not the practitioner, should know about data management and documentation. Topics will be what data management and documentation is, why it is important, and how it is integrated into the acquisition program.

Deadline: 15 March.

**VAX/VMS REAL-TIME PROGRAMMER**

19 and 20 March, Tuesday and Wednesday, 0800-1600, Training Center. By: Walter Gallant, Mini and Micro Ed. Svc.

Scope: This course teaches a Fortran Application Programmer how to use the features of VMS via the Fortran language (also applicable to other languages, i.e., Basic and Pascal), and how to use the System Services and Run-Time Library of the VMS operating system.

**Outline**

1. Record Management System and the Fortran Language RMS level programming will not be taught. This level of programming has to be done in VAX-11 assembler. Examples of how to do this and use it within a Fortran program will be examined.
  2. Memory Management Services
  3. Input/Output and Logical Name Services: QIOs
  4. Process Control System Services: create, suspend, hibernate, schedule, etc.
  5. Cooperating Processes System Services: event flags, mailboxes, code, and data sharing
  6. Asynchronous System Traps (ASTs)
  7. Exit and Condition Handlers
  8. Common Run-Time Library
  9. Measuring Performance on a Program Level. This is not system level tuning.
- Deadline: 5 March.

**GEOMETRIC DIMENSIONING & TOLERANCING (GD&T)**

18-27 March, 0800-1600, Training Center. By: George Pruitt, Technical Documentation Consultants.

Intended Audience: Personnel whose work requires them to either communicate, interpret, or manufacture products through the use of engineering drawings.

Objectives: Students will be taught how to specify GD&T on design drawings in order to achieve a commonality of interpretation among engineering, production, and inspection. The course will show how manufacturing costs can be reduced through the close coordination of all functions from design through production. All elements of the American National Standard Institute Standards ANSI Y14.5-1973 and ANSI Y14.5M-1982 will be thoroughly explained.

Scope: Most of the course material will be presented in lecture form supplemented with vugraphs. Common errors encountered with GD&T application will be illustrated with actual drawings. Photographs of inspection and manufacturing processes will be shown to help students understand how the drawing will be interpreted by production. Actual hardware, tooling, and functional gages will be presented to students to give them a hands-on understanding.

Deadline: 4 March.

**VIDEO TECHNICIAN'S WORKSHOP**

26-28 March, Tuesday-Thursday, 0800-1600, Training Center. By: Bob Shon, Development Communications Assoc.

Intended Audience: Video equipment technicians and key production people who maintain and troubleshoot their video systems.

Objectives: This three-module course offers a basic grounding in video systems and technology so extensive that prior knowledge of these subjects is not required. Students should have a basic understanding of electronics terms and principles.

Scope: **Module 1. - Video Systems and the Waveform** of the workshop gives a thorough examination of the video waveform, video systems, and basic test instruments (voltmeter, oscilloscope, waveform monitor, pulse cross monitor, vectorscope).

**Module 2. - Video Tape Recorders** is devoted to video tape recorders, with emphasis on the 1/2" format. Coverage includes inspection, cleaning, and replacement/repair of tape transport components, plus alignment and tension adjustments and electronic troubleshooting.

**Module 3. - Cameras and Lighting** centers on the television camera, covering optics, eight types of alignment adjustments, tube and auto circuit maintenance, and general troubleshooting.

Note: Class limited to 20 people.

Deadline: 8 March.

**SOFTWARE MANAGEMENT**

27 March, Wednesday, 0800-1600, Training Center. By: James Dorrell.

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

Deadline: 13 March.

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

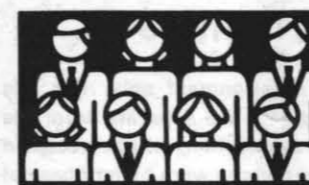
**MICROPROFESSOR: THE TOTAL TEACHER**

Scope: The Microprofessor gives you all you need to join the world of microcomputing. It's a complete, fully developed, tested, and proven system that gives you step-by-step, start-to-finish, hands-on instruction. It covers all key aspects of understanding and using the Z-80 microprocessor. It includes Interactive Monitor, Line Assembler, Two-Pass Assembler, Text Editor, and Disassembler. Optional languages include BASIC and FORTH. The Microprofessor includes the complete microprocessor system with a Users' Manual, Experimental Manual, and Monitor Program Listing Manual.

To check out the Microprofessor, submit NWC Form 12410/73 (Training Request) to Code 094. Code 094 will notify you when the Microprofessor is available for pickup.

**NCPD-SPONSORED LONG-TERM TRAINING PROGRAMS**

Applications are now being accepted for the Naval Civilian Personnel Command (NCPD)-sponsored long-term training programs. Long-term training comprises off-Center training that extends beyond 120 consecutive days. Funding for these programs may be available from NCPD to cover tuition (when required), travel, per diem, and shipment of household goods. The employee's salary is paid by NWC. All candidates must be full-time, permanent employees possessing a bachelor's degree. (The Fellowship for Federal Secretaries does not require a degree.) The following is a brief description of the programs available; for more information, contact Nancy Saxton or Carol Corlett, Code 094, ext. 2349. The deadline for applying for any of the programs is 1 March 1985.



Vol. 1

# Personnel News & Notes

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.

No. 08-010, Payroll Clerk, GS-544-3/4, Code 08641 — Incumbent performs routine research of payroll records to correct leave data; prepares changes to employees earnings, deductions and leave records; prepares reports of leave and earning data. **Job Elements:** Ability to work rapidly and accurately; to interpret and apply regulations; to work under pressure of short deadlines. Promotion potential to GS-5.

No. 09-039, Clerk-Typist, GS-322-4/ Personnel Clerk (Typing)/Assistant (Typing), GS-203-4/5/6, Codes 096/097 — Performs the following duties for major department(s); processes all actions affecting appointments, pay, separations, conversions of appointments, etc.; codes and enters actions into the NCPDS when the system is operational; performs competitive and noncompetitive qualifications ratings; performs ranking and may conduct ranking/selection panels; drafts vacancy announcements. At higher levels, incumbent advises and recommends to supervisors and managers, recruitment options for certain positions, e.g., clerical; participates in various phases of crediting plan development which may include, but is not limited to, job analysis and establishing KSAs. **Elements: Knowledge:** of personnel policies and procedures. **Ability:** to deal tactfully with all levels of NWC employees; plan, organize and accomplish work independently; perform a variety of

clerical functions; comprehend and apply regulatory information; to type accurately. Promotion potential to Staffing Assistant GS-7. Status eligibles may apply. Previous applicants need not re-apply.

No. 232-001, Industrial Hygienist, GS-690-7/9/11, Code 2324 — Incumbent conducts surveys to evaluate occupational health hazards and recommends appropriate control measures. **KSAs: Knowledge:** — industrial hygiene concepts, principles, and practices; industrial hygiene sampling instrumentation. **Abilities:** — write technical reports; meet and deal with others; work in an environment which may at times be unpleasant, contain potentially hazardous conditions, and which may require moderate physical exertion. Promotion potential: GS-11.

No. 232-002, Environmental Health Technician, GS-0698-5/6/7, Code 2324 — Incumbent lends assistance to a program designed to identify, evaluate, monitor, document, and maintain surveillance of health hazardous operations and conditions and to recommend appropriate control measures. Incumbent is technically responsible for conducting analyses utilizing infrared and ultraviolet techniques as well as conventional methods such as direct reading and/or colorimetric methods. **KSAs:** Ability to meet and deal with others; communicate effectively both orally and in writing. Basic knowledge of scientific prin-

ciples, theories and practices relating to industrial hygiene. Promotion potential: GS-7. Status eligibles may apply.

No. 26-132, Electrician (High Voltage) Foreman, WS-2810-10, Code 26436 — First level supervision. Shop is responsible for maintaining power lines throughout the Center. **KSAs: K** — technical practices of materials; of pertinent tools and equipment. **A** — to interpret instructions, specifications; to supervise. Support of EEO policies and goals. This is a Temporary promotion not to exceed one year; may be made permanent. Supplemental Qualifications statement is required by March 4, 1985.

No. 31-118, Supervisory (Interdisciplinary) General/Electronics/Electrical Engineer, Computer Scientist, Physicist, Mathematician, DP-801/855/850/1550/1310/1520-3/4, Code 3113 — Position is that of branch head, A-7 Facility Branch. Branch develops, maintains, and operates simulation/integration facilities to support the A-7 Weapon System Support Activity (WSSA) in the role of technical assistance, requirement definition, system development, weapons system integration, validation, architecture, hardware engineering, facility software engineering and software engineering and simulation software. Incumbent provides overall direction, coordination and management of branch activities. **Elements: Knowledge of Weapon Systems Support Activities (WSSAs) mission requirements, avionic facilities hardware and software analysis, design, and operations; embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and application; understanding of NWC personnel policies and procedures; support of NWC EEO policies and goals. If filled at the DP-3 level, this position has promotion potential to DP-4, but is not guaranteed. Previous applicants need not re-apply.**

No. 31-119, Supervisory Engineering/Electronic Technician, DP-802/856-3, Code 3113 — Position is that of branch head, A-7 Facility Branch. Branch develops, maintains, and operates simulation/integration facilities to support the A-7 Weapon System Support Activity (WSSA) in the role of technical assistance, requirement definition, system development, weapons system integration, validation, architecture, hardware engineering, facility software engineering and simulation software. Incumbent provides overall direction, coordination and management of branch activities. **Elements: Knowledge of Weapons System Support Activities (WSSAs) mission requirements, avionic facilities hardware and software analysis, design, and operations; embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and application; understanding of NWC personnel policies and procedures; support of NWC EEO policies and goals. Previous applicants need not re-apply.**

No. 33-006, Administrative Officer, DA-341-1, Code 3302A — Independently provides a full range of administrative and staff support to the Department Head of Staff and Division Heads, as assigned. Incumbent will assist JP coordinator and have Small Purchase focal point responsibilities. **Job Elements:** Ability to organize and prioritize work; ability to identify problems, analyze options and implement solutions to non-complex administrative problems; knowledge of financial operating procedures. Promotion potential to DA-3.

No. 33-008, Electronics Technician, DT-856-1/2/3, Code 3318 — Incumbent will serve as a Hybrid Microcircuit Technician. Responsibilities include learning all phases of microcircuit fabrication; layout, screen printing, building and wiring, and electronic test. **Job Elements: Knowledge of microelectronic construction techniques and the use and application of specialized equipment.**

No. 36-209, File Clerk, GS-305-4, Code 36514 — Incumbent processes requests for engineering documentation from on-Center and off-Center; performs quality assurance inspection of microfilm prior to distribution; processes reproduction work orders, performs filing and clerical duties, receives and relays incoming phone calls and acts as Custody Control Point. **Elements: Knowledge:** of Center office practices and procedures; of accountability procedures for safeguarding classified material/documents. **Ability:** to work independently; to interface with employees at all levels within the organization; to type forms and work orders; to work with numbers accurately.

No. 36-210, Clerk-Typist, GS-322-3/4, Code 3651 — Part time work schedule. Provides clerical support to two offices on a half-time each basis. **Elements: Knowledge:** of office procedures. **Ability:** to perform receptionist, telephone, and various other clerical duties such as general typing and filing; to use IBM Display Writer desirable. Status eligibles may apply.

No. 38-005, Physical Science Technician, DT-1311-1/2, Code 3818 — Incumbent provides support to optical thin-film research and development program in the Physical Optics and Thin Films Branch. Duties include: Thin film deposition; substrate preparation; equipment design, modification and maintenance; and thin-film characterization measurements. **Elements: Experience in optical thin-film coating; knowledge of vacuum technology; experience with mechanical systems; knowledge of optical instrumentation and measurements; knowledge of physical or engineering sciences. Promotion potential to the DT-3.**

No. 39-023, Engineering Data Management Specialist, DP-301-3, Code 3921 — Specifies, develops, procures, manages, monitors and reviews engineering documentation data and configuration elements for development and acquisition contracts; responsible for planning, coordinating, analyzing, supporting and directing the branches engineering documentation packages. **Job Elements: Must have a working background and understanding of data management requirements; knowledge of such applicable requirements that are listed in DOD and NAVMAT instructions relating to documentation data management; must possess sufficient technical background to enable understanding of detail and complex electronics and electromechanical weapon systems requirements.**

No. V-61-02, Physicist, DP-1310-2/3, Code 6131 — Provides engineering assistance in the design, modification, and use of target tracking devices. Is responsible for working with various users of target systems to resolve system problems. **Knowledge:** of target control and tracking systems. **Ability:** to work with engineers, technicians and fleet units; to communicate effectively both orally and in writing; to conduct training in target use. Status eligibles may apply.

No. V-61-01, Supervisory Interdisciplinary (General/Electronics

(Continued on next page)

**Engineer, Physicist, DP-801/855/1310-3/4, Code 6106** — Position is that of Program Manager for the Target Control Systems (TCS). Incumbent is responsible for staffing at Program Office, planning, administration and management of TCS activities. With NWC as Cognizant Field Activity for TCS, the incumbent will interface with other DOD activities in the area of TCS. **Job Elements:** Knowledge of radar systems and range instrumentation; ability to manage technical program (including planning, scheduling, and monetary expenditures); willingness to support NWC EEO policies and goals; ability to interface effectively with Center administrative units and outside organizations; ability to supervise. Promotion potential to DP-4; however, promotion is not guaranteed.

**No. V-62-011, Electronics Technician, DT-856-3, Code 6204** — The incumbent will be responsible for test operations, maintenance, and repair. Specifically, the incumbent will act as test director for assigned projects on one of the two ranges. This includes planning and scheduling of the tests and the direction of the test operations. The incumbent is responsible for maintaining the assigned range in working order and within calibration at all times. The incumbent recommends improvements and modernizations as a result of operating

experience, advancements in the state-of-the-art or new customer requirements, and implements approved recommendations. The incumbent arranges for training new crew members in all aspects of the range. The position will require working overtime and occasional non-standard working hours. **Job Elements:** Knowledge of radar systems, skill in conducting range tests; ability to work with a variety of personnel, knowledge of range support equipment. This position is located on the Junction Ranch Radar Cross Section Range.

**No. V-64-005, Equipment Specialist (Electronics), DS-1670-1, Code 6423** — This position provides assistance to engineers and technicians in managing the acquisition and inventory of telemetry devices. Incumbent collects data required to prepare acquisition packages and initiates the required procurement action, participates in pre-award surveys, determines testing requirements, arranges for testing of telemetry items. Is responsible for establishing an equipment inventory system and for operating the associated computer. **Elements:** Ability: to communicate both orally and in writing; to operate a computer. **Knowledge:** of inventory systems and record keeping; of the procurement system; of telemetry equipment. Promotion potential to DS-2.

## 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 organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

**No. 12-002, Secretary (Typing), GS-318-5, Code 122** — Mag Card Typewriter experience. Promotion potential: GS-6. Supplemental required.

**No. V-35-015, Secretary (Typing), GS-318-4, Code 3511** — Provides administrative and clerical support to the head, Computer and Software Systems Branch. Promotion potential to GS-5.

**No. 36-211, Secretary (Typing), GS-318-4/5, Code 3606** — Provides secretarial sup-

port to Harpoon Program Office. Status eligibles may apply.

**No. 36-207, Secretary (Typing), GS-318-5/6, Code 3608** — Provides secretarial and administrative support to the Electronic Manufacturing Productivity Program Office.

**No. V-61-03, Secretary (Typing), GS-318-4/5, Code 614** — Provides secretarial support to the head, Ordnance Division of the Aircraft Department.

## Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

**No. 31-122, Interdisciplinary Physicist, Mathematician, Computer Scientist, Electronics/Mechanical/Aerospace/General Engineer, DP-1310/1520/1550/855/830/861/801-2/3, Code 3111** — Position is for Simulation Software Engineer in the A-4/AV-8 Facility Branch. Incumbent will specify, design, implement, document, test and maintain real-time simulation software; present reviews and walkthrus and work with junior professional software engineers. To apply for this position forward an up-to-date SF-171 to P. LeBoeuf, Code 31102, ext. 5219. Previous applicants need not re-apply.

**No. 33-005, Mechanical Engineer, DP-830-2/3, Code 3352** — Incumbent is involved in the development of fuzing systems including integration, design, development and test of electro-mechanical devices, firing and initiation systems and subsystems for warheads and rocket motors. Duties include planning, budgeting, coordinating, and monitoring in-house tasks supporting these efforts: identifying problems, defining, proposing and incorporating solutions into planned effort. To apply send current SF-171 to Nancy Maegaard, Code 33502, ext. 7426/7428. Previous applicants need not re-apply.

**No. 33-007, Electronics Engineer, DP-855-2/3, Code 3354** — Assigned research and development programs in the areas of safety-arming devices and contact fuzing. Design and develop electronics subassemblies, components and circuits for electromechanical fuzing systems, will perform field and laboratory tests, and evaluation of the technical progress of the proposed fuzing systems and/or major subassembly contractors. Knowledge of electronic engineering fundamentals, specifically as they apply to digital electronics, microprocessors or analog circuit design experience is desirable. To apply send a current SF-171 to Nancy Maegaard, Code 33502, ext. 7426.

**No. V-35-023, Interdisciplinary (General Engineer/Mechanical Engineer/Aerospace Engineer/Electronic Engineer), DP-801/830/850-3, Code 35405** — Incumbent is Systems Engineer for the Ship Launched Electronic Decoy (SLED) Program. Incumbent supports the Technical Manager in definition and generation of plans, schedules, budgets, etc. Duties include definition and coordination of various interface and integration issues for the SLED vehicle development, analysis of vehicle performance and development risk areas, assessments of vehicle design, and coordination of vehicle test and evaluation issues. To apply for this position, send an updated SF-171 to Michael Ripley-Lotee, Code 35404, ext. 2951.

**No. 36-212, Interdisciplinary General/ Electronics/Industrial/Mechanical Engineer/Physicist, DP-2/3, Code 36221** — Supports current AIM-9 Guidance and Control Section in production; evaluates engineering change proposals and deviations/waivers; requires circuit design and analysis abilities for subsystem and system level problems. Submit current SF-171 to Cheryl Preul, Code 36209.

**No. 36-208, Interdisciplinary General/ Electronics/Mechanical Engineer, DP-2/3, Code 36223** — Supports the Sidewinder rate tables and associated test equipment in system analysis troubleshooting; lead engineer in all air firings supported by the code. Submit current SF-171 to Cheryl Preul, Code 36209.

**No. 39-010, Interdisciplinary (General/ Mechanical Engineer/Physicist), DP-801/830/1310-2/3, Code 3926** — Incumbent is responsible for the analysis of the

mechanical design of the TOMAHAWK navigation system. Areas of effort include structural rigidity, shock isolation, and thermal. Shared responsibility for system level navigation design or software/hardware interaction may be involved. To apply send a current SF-171 to Stan Rajtora, Code 3926, ext. 3960. Previous applicants need not re-apply.

**No. 39-011, Interdisciplinary (General/ Electronics Engineer/Physicist), DP-801/855/1310-2/3, Code 3926** — Incumbent is responsible for the analysis of the electronic design of the TOMAHAWK navigation system. Areas of effort include circuit parameter drift (time and temperature) navigation performance, and post flight performance analysis. Shared responsibility for the system level design of the navigator or software/hardware interaction may be involved. To apply send a current SF-171 to Stan Rajtora, Code 3926, ext. 3960. Previous applicants need not re-apply.

**No. 39-012, Electronics Engineer, DP-855-2/3, Code 3926** — Incumbent is responsible for the design and development of computer driven test equipment for inertial navigation systems is desirable but not essential. To apply send current SF-171 to Stan Rajtora, Code 3926, ext. 3960. Previous applicants need not re-apply.

**No. 39-013, Interdisciplinary (General/ Mechanical/Aerospace/Electronics Engineer), DP-801/830/861/855-3/4, Code 3926** — Incumbent is the Technical Project Manager for the Advanced Technology Demonstration (ATD) Ring Laser Gyro (RLG) program. Conducts planning and overall project management for ATD project elements including both inertial sensor and inertial systems development, test, and evaluation. To apply send current SF-171 to Stan Rajtora, Code 3926, ext. 3960. Previous applicants need not re-apply.

**No. V-64-006, Interdisciplinary (Aerospace/Mechanical Engineer), DP-861/830-2/3, Code 6411** — Incumbent will be assigned to work on one to three recovery/decelerator programs for these programs within 6 to 12 months from assignment. Target systems for these recovery/decelerator subsystems are ejection seats, missile TM round, and are trajectory-controlled weapons. Experience is in broad range of 6.2/6.3/6.4 development process, familiarity with development funding practices, and low speed aerodynamics background desired; however, all interested persons are encouraged to apply. Status eligibles may apply. Promotion potential to DP-3. To apply for this position, forward updated SF-171 to S. B. Millet, Code 6411, NWC ext. 3664.

**No. 39-009, Interdisciplinary (Electronics/Aerospace Engineer/Physicist/Mathematician), DP-855/861/1310/1520-1/2/3, Code 3913** — Incumbent will be responsible for mathematical modeling and development of computer simulation and using these simulations to perform design and evaluation investigations of Tomahawk, Harpoon and advanced cruise missile systems. To apply send an updated SF-171 to Sue Hucek, Code 391, ext. 3249/2086.



**Looking For Equipment?**  
Call the Equipment Locator Service (Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!



# Personnel development opportunity

### PROFESSIONAL WOMAN MANAGER

26 and 27 March, Tuesday and Wednesday, 0800-1600, Training Center. By: Rusty Broughton of the LDI Institute.

**Scope:** This workshop is designed to train women in the skills of "high achiever management." The program first helps women become aware of how their own conditioning and behavior may inhibit their effectiveness as a manager. Next, the program focuses on teaching women new behaviors: triggering motivation, communicating, building trust, making decisions, setting objectives and priorities, managing time, delegating, and rewarding. Topics include getting comfortable managing others, you are different from men but the job is the same, gaining influence, barriers to communication, communicating and building trust, negotiating and persuading, developing your leadership style, managing by objectives, and decision making.

Deadline: 12 March.

### SOFTWARE QUALITY ASSURANCE

11-14 March, Monday-Thursday, 1330-1600, Training Center. By: Dave Rugg and Jim Dorrell.

**Intended Audience:** Managers, engineers, and specialists that need to implement or work with software quality assurance (SQA).

**Objectives:** Intended to acquaint students with the background and methods needed to accomplish SQA. The emphasis is on tactical digital computer programming; however, the concepts apply to ADP applications as well.

Topics include the SQA program, requirements, techniques, and methodologies; the software life-cycle and SQA involvement; DOD/Navy standards, specifications, and directives; software documentation and configuration management, and the SQA involvement; software testing and the SQA role; and the role of SQA in reviews and audits. In addition, software quality metrics will be discussed in an overview. **Deadline: 25 February.**

### INTRODUCTION TO PASCAL

1-12 April, Monday-Friday, 0730-1130, Training Center. By: Donald Daniel.

In this course you should learn to write small programs in Pascal to solve engineering analysis-type problems on microcomputers. Some topics are the use of the (UCSD) operating system, and editor and Pascal compiler, with emphasis on principles common to most versions. This course is an introduction to the Pascal language sufficient for the occasional user who does not intend to become a full time professional programmer.

Deadline: 18 March.

### HAZARDOUS MATERIALS SAFETY

12 and 13 March, Tuesday and Wednesday, 0800-1600, Training Center. By: Stan Bielicki, National Hazards Control Institute.

**OUTLINE**  
Chemical Labeling/ Identification Systems  
Flammable Liquids Handling  
Small Hazardous Materials Fires and Basic Extinguishment Techniques and Agents  
General Chemical Handling Procedures  
Corrosive Chemical Handling  
Chemical Toxicity  
Asbestos  
Protective Equipment  
Compressed Gas Safety  
Chemical Spill Control

Deadline: 22 February.

### BLASTING AND EXPLOSIVES SAFETY TRAINING

9-11 April, Tuesday-Thursday, 0800-1600, Training Center. By: DuPont De Nemours & Company.

**Scope:** This course offers basic safety training to those involved with commercial explosives and blasting. It stresses the importance of safety leadership and helps to provide blasters and their supervisors with a practical understanding of explosives and their use. Topics: Safe methods for handling and using explosives; reasons behind safety rules and regulations; the mechanisms of detonation, intentional and accidental, for the full range of commercial explosives; product categories; properties of explosives; detonation mechanisms; detonation hazards—identification and prevention; magazine and truck safety; loading and firing methods; blasting instruments; fly rock; shot guarding and blast signals; designing a safety program; and enemies of safety.

Deadline: 26 March.

### PROFESSIONAL WOMAN MANAGER

26 and 27 March, Tuesday and Wednesday, 0800-1600, Training Center. By: Rusty Broughton of the LDI Institute.

**Scope:** This workshop is designed to train women in the skills of "high achiever management." The program first helps women become aware of how their own conditioning and behavior may inhibit their effectiveness as a manager. Next, the program focuses on teaching women new behaviors: triggering motivation, communicating, building trust, making decisions, setting objectives and priorities, managing time, delegating, and rewarding. Topics include getting comfortable managing others, you are different from men but the job is the same, gaining influence, barriers to communication, communicating and building trust, negotiating and persuading, developing your leadership style, managing by objectives, and decision making.

Deadline: 12 March.

### HOW THE TECHNICAL CODES DO BUSINESS

27 March, Wednesday, 0800-1600, Training Center. By: Charlie May.

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

**Scope:** The course gives an overview of the development, production support, and Fleet support phases, and makes no attempt to cover specific areas in depth. Course material should be useful for identifying specific areas to students that they may wish to learn more about in follow-up courses.

Deadline: 12 March.

### INTRODUCTION TO SUPERVISION

15-19 April, Monday-Friday, 0800-1600, Training Center. By: Office of Personnel Management.

**Intended Audience:** New supervisors.  
**Scope:** This course is for first-level supervisors needing training in basic supervisory ideas. It gives students fundamental grounding in practical modern concepts of supervision. It is organized into four management functions: planning, organizing, directing, and controlling. When students complete this course they should be able to (1) perform major supervisory duties and responsibilities better; (2) use varied leadership methods in a government setting; (3) implement federal personnel management policies and regulations; (4) apply modern employee motivational concepts; (5) use staff resources effectively; and (6) formulate training and development plans.

Deadline: 29 March.

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