



**GRADUATES** — Those successfully completing the latest class held by the Navy Relief Society at China Lake gathered for a group picture. Shown, left to right, are Lt. Brian Lewis, who heads the NRS fund drive; Amanda Woodside; Joyce Dinnage from Long Beach,

who taught the class; Karen Zaffora; Cdr. Bud Biery, Executive Officer of VX-5; Joan Sigurdson; Priscilla Dropp; Ann Powers; Linda Doucet; Mary Stitts; Rae Jean Reagan; Renee Phillips; and AN Kelly Hensey. Graduates can staff the NRS office.

**IEEE meeting on supercomputers**

Supercomputers will be the topic discussed at Wednesday's luncheon meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers. The meeting will be held at the Commissioned Officers' Mess, with lunch from 11:30 to noon and the program from noon to 12:45 p.m.

Robert Estell will talk about supercomputers, exploring the definitions, architectures, performance levels and uses at NWC of such computers. He will also talk about the proper use of supercomputers and what makes them qualitatively different from "a very fast VAX."

Since lunch will be either the daily lunch special, from the salad bar or from the menu, no reservations are required. Everyone on-Center interested in supercomputers is welcome.

**Women's Center to hold meeting**

Area residents are invited to attend the annual meeting of the High Desert Women's Center to be held on Wednesday evening at the Flight Deck Room of the Heritage Inn in Ridgecrest.

There'll be a social hour from 6:30 to 7:30 p.m., followed by the meeting. Keynote speaker for the evening is Bernice Augenbraun, a licensed clinical social worker and marriage and family counselor, who will discuss "Power Dynamics in Relationships."



	Max	Min	Peak Gust
Fri.	76	50	28 knots
Sat.	82	43	12 knots
Sun.	88	48	18 knots
Mon.	93	50	16 knots
Tues.	97	49	18 knots
Wed.	100	51	14 knots
Thurs.	95	68	-

All measurements are made at Armitage Airfield.

**Orange Show is underway**

Underway once more is the National Orange Show at the fairgrounds in San Bernardino.

As well as citrus exhibits, there'll be big name entertainers, carnival rides, a flower show and home arts exhibits, livestock shows and auto races--and even a few pig races.

Name entertainers will perform at 7:30 p.m. weekdays at the Orange Pavilion, and will perform at 3:30 and 7:30 p.m. Saturdays and Sundays. Admission to the concert is included in the price of admission to the showgrounds.

Entertainers include: tonight, Larry Gatlin and the Gatlin Brothers; tomorrow, Wolfman Jack and his Rock'n'Roll Review; Sunday, Freddy Fender; Monday, Billy Vera and the Beaters; Tuesday, Jan and Dean; Wednesday, Sha-Na-Na; Thursday, Reba McEntire; May 15, B. J. Thomas; May 16, Weird Al Yankovic; and May 17, Jose Feliciano.

Auto sports will be featured both weekends of the fair; admission to these is not included in the initial admission price, but is moderate.

General admission to the fairgrounds and all shows except the automotive events is \$5 for adults and \$3 for children, with senior citizens over 60 getting in for \$2.

Carnival ride coupons are 35 cents, 20 for \$6, with some rides costing two coupons.

**Stampede Days at KC fairground**

Rodeo clown Dale Woodard and his bull, Mr. Z, are among the highlights of the third annual Stampede Days Rodeo at the Kern County Fairgrounds in Bakersfield May 9-10. Sponsored by the Kern County Sheriff's Reserve Association, the event will also be a benefit for county Cystic Fibrosis Foundation. Performances are at 7:30 p.m. May 9 and 2 p.m. May 10. Tickets may be bought in advance or at the gate.



Due to lack of attendance, Sunday Brunch will no longer be served at the Commissioned Officers' Mess. However, Mother's Day Brunch will be served this Sunday from 9:30 a.m. to 1:30 p.m. Complimentary orchids will be given to all mothers. Cost for this outstanding feast is only \$5.95 for adults, \$2.95 for children 6-12, \$1.95 for children 2-5 and under 2 free. Reservations are required and can be made by calling NWC ext. 3105 before close of business today.

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Tonight the Commissioned Officers' Mess is having another great Italian Buffet. For listening and dancing pleasure, "Wayne Paisano & The Roadrunners" will play from 8 p.m. until midnight. The price for this night of music and good food is only \$7.95 per person.

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A Dart Tournament is tentatively scheduled for tomorrow evening at the Enlisted Mess. Anyone interested should sign-up no later than 6 p.m. on the night of the event. Entry fee is only \$5 per person with all fees going into the prize pot. The tournament begins at 6:30 p.m.

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For people who enjoy dancing, or just listening to music, "Upstage" will be playing from 9 p.m. to 1 a.m. tonight and tomorrow and from 8 until 11:30 p.m. Wednesday at the Enlisted Mess.

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All sorts of events are scheduled this weekend at Calico, located off I-5 north of Barstow on Ghost Town Road. The fun begins at 8:30 tomorrow morning and continues (with a night-time rest) until 6 p.m. Sunday. Scheduled are freestyle clogging competition; fiddle, banjo, guitar and band contest; and impromptu street entertainment.

Cost for admission is \$4 for adults, \$2 for children aged 6 through 11 and children under 6 are admitted free. Camping is \$8 per unit.

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Col. Allensworth State Historic Park, the only California town to be founded, financed and governed by black Americans, offers tours at 10 a.m. and 1 p.m. tomorrow.

The community is located 20 miles north of Wasco on Highway 43 in the San Joaquin Valley. It is 8 miles west of Earlimart on County Road J22.

Additional information can be obtained by telephoning (805) 849-3433.

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Courageous and energetic souls will be involved with the annual Death Valley to Mount Whitney Bicycle Road Race tomorrow and Sunday. The race, sponsored by the Lone Pine Chamber of Commerce, begins at Stovepipe Wells in Death Valley and continues to Lone Pine tomorrow; on Sunday the race goes from Lone Pine to Whitney Portal. First leg of this race, which goes from sea level to 8,370 feet, is 80 miles and the second leg is 20 miles.

Further information can be obtained by telephoning (619) 876-4444.

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Tomorrow the second annual Maturango Museum bike ride will be held in cooperation with a bicycle safety clinic at Kern Regional Park. The ride is co-sponsored by T.J. Frisbee's Bicycles.

Those taking part in the ride will be asking for sponsors to sponsor their ride as a fund-raising event for the museum. Last year the riders raised \$7,000 for exhibits; this year the goal is \$10,000. Those pledging their support to riders are asked to pay their pledges by check so that they will be able to use the cancelled check for a receipt for their tax-deductible contributions.

The ride will take place from 8 a.m. to 5 p.m. The Bicycle Safety Clinic, sponsored by the Ridgecrest police, will be held from 9 a.m. to 3 p.m. at Kern Regional Park.

**Movies**

FRI., SAT., SUN. MAY 8, 9, 10  
"LITTLE SHIP OF HORRORS"  
Starring Rick Norcia and Ellen Greene  
(Musical Comedy, rated PG-13, 94 min.)  
WEDNESDAY MAY 13  
"TAI-PAN"  
Starring Bryan Brown and John Stanton  
(Adventure Drama, rated R, 130 min.)  
FRIDAY MAY 15  
"PLATOON"  
Starring Tom Berenger and Willem Dafoe  
(Drama, rated R, 120 min.)  
Starting Time: Evening / 7 pm  
I (I) ALL AGES ADMITTED  
General Audiences  
PG (P) ALL AGES ADMITTED  
Parental Guidance Suggested  
R (R) RESTRICTED  
Under 17 Requires Accompanying Parent or Adult Guardian

★ U.S. Government Printing Office  
1987 — No. 40055

FROM \_\_\_\_\_ PLACE STAMP HERE

TO \_\_\_\_\_

**Gale Poppen presented medal at his retirement for work on Military Support Funds, training**

Capping a distinguished career of more than 30 years of federal service, Gale G. Poppen was presented the Navy Meritorious Civilian Service Award at his retirement party last Friday evening.

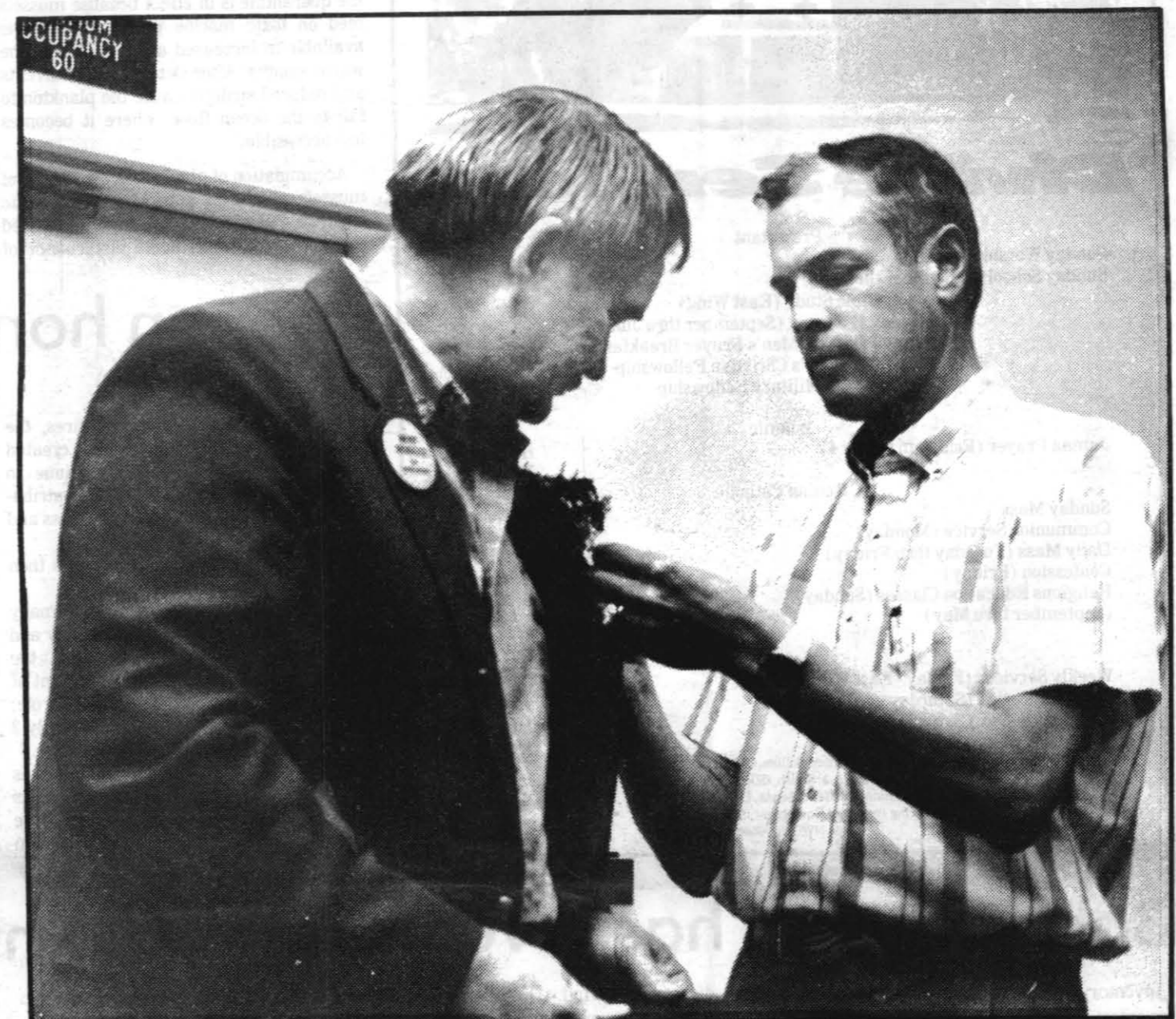
Capt. John Burt, NWC Commander, expressed his pleasure at being able to make this award to someone so deserving of the honor. He noted that when he arrived at China Lake, Poppen almost immediately came to his assistance with regard to the allocation of military support funds — and continued to provide invaluable aid in budget and financial matters.

The letter of nomination written by Curt Bryan, Head of Central Staff, says "Gale's attitudes and his entire career at NWC have consistently reflected his concern for service to the customer. Gale also feels very strongly about the importance of financial training — training not just intended for the benefit of Budget Division personnel but for all the people at NWC who deal with finance."

The nomination notes training tours were provided by that division to hundreds of Administrative Officers and potential Administrative Officers as well as to many members of the technical community. "There's no doubt that NWC's employees in all disciplines have been positively impacted through Gale's training efforts," the letter continues.

Poppen also represented the Comptroller at Facilities Planning Board meetings to ensure that scarce funds were spent as effectively and appropriately as possible, and served as Project Manager for the Military Support Program. His outstanding efforts for that program recently brought him the Commander's Award for Mission Support.

The nomination concludes, "His honesty and fairness have earned the trust and respect of both managers and employees at the Naval Weapons Center. While he will (Continued on Page 2)



**HONOR BESTOWED** — Gale Poppen watches as Meritorious Service Award Medal on Poppen's lapel at Capt. John Burt, NWC Commander, pins the Navy Poppen's retirement. — Photo by Mickey Strang

**Need for safe weapons spurs IMAD program**

Andrew Victor, Inensitive Propulsion Technology Manager (Code 32051), is the coordinator of the propulsion project of the Navy's Inensitive Munitions Advanced Development (IMAD) Program.

The IMAD Program, resulting from Navy recognition of the seriousness of the threat to Navy ship survivability, was initiated to develop and demonstrate the technology base needed to meet IM requirements for Navy munitions and to provide for transition of this technology to weapons programs for fleet implementation.

"Rocket motor propellants," explained Victor, "comprise about 80 percent of the energetic material in tactical missiles. Although the Navy has been conservative in recent years and has selected propellants that do not detonate as high explosives do, our studies are showing that if these propellants are damaged mechanically or thermally, or are aged improperly, detonations are possible.

"The propellants we have been putting into the fleet for the past 20 years are easily ignited," he continued. "The fires and explosions that may result can cause unacceptable hazards to Navy ships."

Historical examples of ship damage and

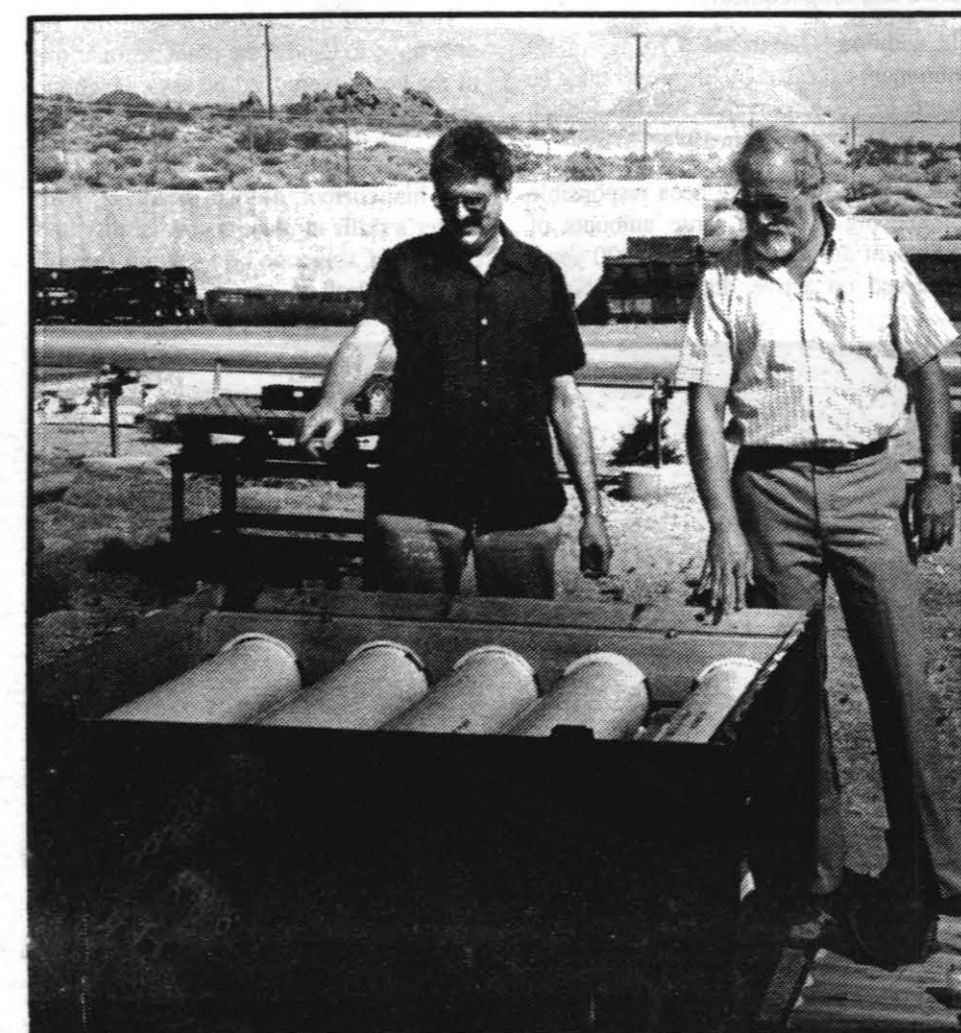
losses are familiar to most China Lakers. The USS Forrester, Enterprise and Oriskany disasters resulted in major losses of lives and aircraft as well as extensive carrier damage.

In the case of the Forrester, a Zuni rocket was inadvertently fired. It impacted an A-4 aircraft parked on the aft end of the flight deck, rupturing its fuel tank. The JP-5 ignited and the flow of burning fuel created a large area of flame and intense heat in a short time. The first major explosion occurred 94 seconds after the rocket fired and was the sort of incident called a fast cookoff by the IM community.

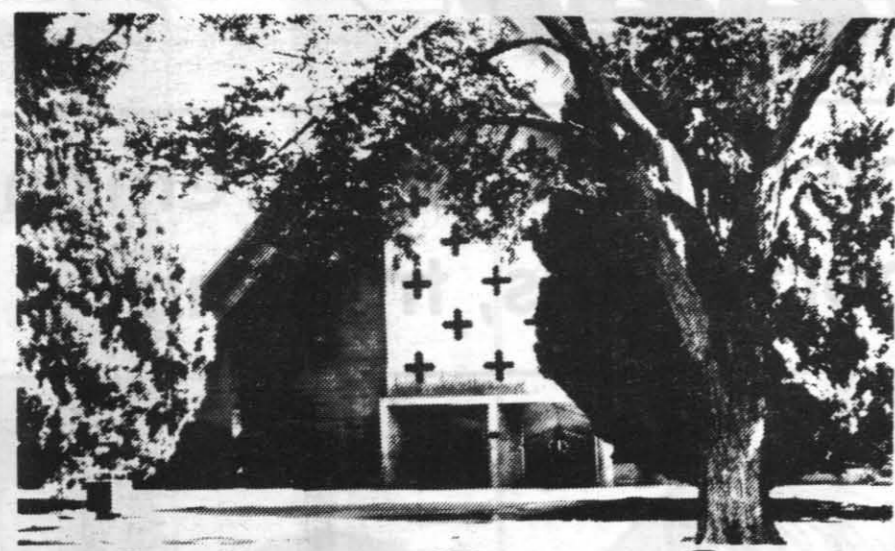
The Enterprise disaster is believed to have been caused by a slow cookoff reaction triggered by the exhaust from an aircraft starting tractor. The exhaust gases provided a convective heat source at 590 degrees Fahrenheit, raising the temperature of one or more Zuni rockets to the point of reaction.

Victor is seeking both long- and short-term solutions for fast and slow cookoff (FCO and SCO), bullet impact (BI), fragment impact, sympathetic detonation and sensitivity to electromagnetic pulse.

The tests for weapon response to these (Continued on Page 4)



**BEFORE AND AFTER** — Andrew Victor, left and Jim Farmer inspect rocket motor cases to be used in generic studies. The crate of cases stands next to the remains of one of their previous tests. — Photo by PHAN Bob Reynolds



## Divine Services

Protestant	
Sunday Worship Service	10:30 a.m.
Sunday School (September thru June)	9:00 a.m.
Bible Study (East Wing)	
Wednesday 11:00 a.m.	(September thru June)
Thursday 8:15 a.m.	Men's Prayer Breakfast
7:00 p.m.	Officer's Christian Fellowship
	Christian Military Fellowship
Islamic	
Jumaa Prayer (Friday in Annex 4)	1:00 p.m.
Roman Catholic	
Sunday Mass	9:00 a.m.
Communion Service (Monday)	11:35 a.m.
Daily Mass (Tuesday thru Friday)	11:35 a.m.
Confession (Friday)	4:30-5:00 p.m.
Religious Education Classes (Sunday)	10:30 a.m.
(September thru May)	
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Education (Saturday in Annex 4)	9:00 a.m.
Religious School (Saturday in Annex 4)	1:00 p.m.

Chaplain J. Milton Collins, CAPT, CHC, USN  
 Chaplain A.J. Smith, CDR, CHC, USN  
 Chaplain Claude R. Beede, LT, CHC, USNR  
 Hearing Impaired Equipment, Nursery Available  
 Phone NWC ext. 3506, 2773

## Mussel quarantine on

According to Dr. Leon Hebertson, Director of Public Health Services for Kern County, the annual quarantine of all species of mussels from the ocean shore of California began May 1 and will continue through October 31. The quarantine includes bays and inlets.

Mussels should not be used as food while the quarantine is in effect because mussels feed on toxic marine plankton, which is available in increased amounts during the warm months. After October, cool currents and reduced sunlight cause the plankton to fall to the ocean floor, where it becomes less accessible.

Accumulation of plankton in the tissues of mussels results in a buildup of paralytic shellfish poison. Eating contaminated shellfish leads to an acute disturbance of

the central nervous system within a few minutes to a few hours.

Symptoms of such poisoning include tingling and numbness of lips, tongue and fingertips; lack of muscular coordination; slurred speech; and difficulty in swallowing. In severe poisoning, complete paralysis and death from asphyxiation can occur. People who suspect that they have become victims of such poisoning should seek medical care immediately.

The quarantine prohibits the taking, sale or offering for sale of mussels in or from designated areas except for fish bait. Mussels for use as bait must be broken open at the time of taking or prior to sale and shall be placed and sold in containers labeled in bold-faced type letters at least one-half inch in height: Mussels May Contain Poison, Unfit for Human Food.

## Poppen honored . . .

(Continued from Page 1)

certainly be missed when he retires, the culture that Gale Poppen has created within the organization will continue to stress his policies, and his many contributions will continue to influence business and the people at NWC.

Master of ceremonies Burrell Hays then turned the podium over to the retiree.

In response to the award and the many presentations made to him by military and civilian organizations throughout the Center, Poppen said that like 99 percent of China Lakers, he and his wife, Carole, came here in 1960 intending to stay only 2 years, "but we've re-upped 13 times since."

What kept him and his family here was the people. "The people here are what has given NWC an unparalleled success," he added. "Even our customers say that from

NWC comes the best."

He said that he felt a particular attachment for the more than 230 who have worked in the Budget Division with him, but with regard to all China Lake personnel, "there are very few that I haven't gone away with fond memories of."

Poppen's federal service began with an enlistment in the Navy, after which he attended San Diego State University. He moved to China Lake after graduating with a bachelor's degree in business administration, and entered the administrative intern program.

His service with the Budget Division began in July 1964; he became head of the division in April 1973. From August 1978 to April 1980 he was Head of Staff for the Public Works Department before returning to the Budget Division, where he remained until his retirement last week.

## Bobby Caster has inventory problems solved

Inventory time—especially the triennial inventory now underway on board—causes anxiety in nearly any group responsible for a large amount of plant-accounted equipment. It could be chaotic for a branch like the Environmental Engineering Branch of the Engineering Department, with 30 people and nearly 800 pieces of plant-accounted equipment. Remarkably, the branch has just finished its inventory with a "100 percent" rating, thanks to Bobby Caster and a dual file system he developed.

What makes his achievement even more remarkable is, in addition to 785 items that needed to be tracked, the Environmental Engineering Branch was most affected by the flood of 1984 when the flood waters rushed into the Michelson Laboratory basement through their work space. Because of water damage, 1979 items had to be retrieved, identified and excessed.

"The computer helped save us there," says Caster. He'd computerized his records between 1980 and August 1984

when disaster occurred. He notes, not only was he able to work with the records that had been stored on the computer, his backup file system was also saved and made usable again because the file cards were freeze-dried and then went through a water extraction process.

For each piece of equipment he makes out a file card listing where and when the equipment was purchased, including stub number, stock number, name of company from which bought and its manufacturer, and serial numbers on the equipment itself. Caster takes a polaroid picture so that he will know what to look for when he has to search for the item.

The card also lists who is charged with the equipment and where it can be found, necessary when plant-accounted items have to be taken for tests in spots as diverse as St. Louis, Missouri or White Sands, New Mexico.

In addition, such a record shows when calibration checks need to be made to ensure equipment is functioning as it is supposed to.

The same information (without the accompanying photo) is recorded on the computer, which both provides a backup and a system whereby information can be sorted and sought quickly.

In addition, Caster has a listing of all equipment excessed by his group since he began to be responsible for the branch plant-account system in 1974.

Caster says he had not been responsible for keeping track of large amounts of equipment during the more than 20 years he served on active duty in the Navy.

When he first came on board the Center, he worked in the labor pool for a year until his ability as an engineering technician brought him into Code 3665.

"I was told by the branch head that I'd only have to handle the plant account until the next inventory," he says, laughing, "but I'm still at it."

Considering how impressed Steve Tanner, his current branch head, is with Caster's skills in plant accountability, the chances of someone else getting the job are slim indeed.



CAREFUL RECORD-KEEPING — Bobby Caster checks some of the equipment for which he holds the plant account records.



NIGHTMARE — Mexico City streets in the areas damaged by the earthquake of Sept. 21, 1985, looked like scenes from a bad dream. In this night shot, presented to Randy Study, a China Lake firefighter who

helped dig victims from the wreckage, rubble, smoke, fires, dust and rubble indicate how severely the city was affected by the quake whose epicenter was 250 kilometers away.

## Welcome mat out

## Rams visit China Lake, participate in events

Four players with the L.A. Rams football team visited China Lake last weekend to kick-off National Fitness Month. The lineup consisted of Carl Ekern, Duval Love, Darren Long and Duke Schamel.

Carl, number 55, is an intense inside linebacker and a great competitor now recognized as one of the best in the NFL. Carl made the Pro Bowl in 1986. He was third in tackles for the Rams with a total of 71 tackles for 1986. Carl played in 13 games and started 13 games last season.

Duval Love, number 67, is a very quick and durable guard for his size, six foot three inches tall and 263 pounds. Duval played in 16 games during the '86 Rams season.

Darren Long, number 45, is a solid and hard-working tight end who just needs to get some playing time. Darren played in four games last season as a rookie.

Number 97, Duke Schamel, was also a rookie last year and was on injured reserves with a separated shoulder. He is an enthusiastic linebacker who hails from South Dakota.

The Rams football players began their visit with dinner at the Enlisted Club. Vampire of the Month, AME3 Rick Phillips and his wife, Misty, enjoyed dinner with the celebrities, compliments of the Recreational Services Department. Also joining the Rams for dinner were selected NWC sailor AME1 Rodney Cochran and his wife, Cathy. After dinner the Rams talked with Enlisted Club patrons and signed autographs before taking to the dance floor for Disco.

Saturday's activities featured the kick-off of National Fitness Month with opening ceremonies for the Youth Mini Triathlon. Colonel R.T. Edwards, representing China Lake, welcomed the triathlon participants and commended them for their dedication to physical fitness. Kevin Corlett, Ridge-

crest City Council Member, also addressed the importance of physical conditioning and then introduced Carl Ekern. Carl encouraged the young athletes to strive to always do their best and then led them in a series of warm-up exercises before the start of the triathlon.

After completion of the competition, Rams and competitors gathered at Solar Park for the Youth Mini Triathlon Awards ceremony.

The football players awarded the following participants with shirts, ribbons and patches: in the boys', ages 6 to 8 category, Ken Sexton finished first and Christopher DiDomenico came in second. Kim Harris was the first place finisher in the girls' 9 to 10 years old category and Mel Saxton finished first in the boys' 9 to 10 years old group with Raymond Gonzales coming in second in the same age group. The winner of the boys' 11 to 12 years old category was Thomas Watt and David Sexton finished second. The first through third place finishers in the boys' category, ages 13 to 17, were Eric Martin, Scott Wilson and Brian Bartels, respectively. Awards were presented to Derek Lindsay, Mark Harris, Dan Sexton and Jim Dixon.

The Rams visit wrapped up with bowling at Hall Memorial Lanes. The public competed against the four Rams in a fun, light-hearted competition. Carl was the top Ram bowler with his best game in the 160s. The other Ram scores were in the 140s, 120s and 90s. Several bowlers did "beat the Rams" Saturday ... at bowling, that is.

Throughout their visit, the Rams were kept busy signing autographs. So many, in fact, that Duval reported once that it didn't look like he was spelling his name right anymore. They are, without a doubt, great sports and athletes who considerably brightened the weekend for our community.

— By Jan Silberberg

## 10K run held by OTHTC

Despite a strong north wind that kept any records from being set, 104 men and 35 women finished the 13th annual Over The Hill Track Club Inyokern 10-kilometer run last Saturday. In prior runs an average of seven to 10 runners completed the course in less than an hour; last Saturday only two runners succeeded.

Best time of the day was turned in by Juan Garza of Bakersfield, who ran the course in 56:42; while Bill Wilson, the first local runner to finish, came in with a 59:37.

Other top finishers were Tony Whitmore, 61:09; Mike Grusemen, 61:14; Karl Sidor, 62:37; and Gill Cornell, 63:00.

Tops among the women were Cindy Scott of Lancaster, 65:15; local runner Kathy McElroy, 66:53; and Mary Moore, 74:04.

OTHTC members offer a special thanks to the workers at all three water stops and at the refreshment table. They also thank the start line and finish line workers and timers.

High Desert Home Center provided numbers for the runners, and Albertson's provided the fruit.

Top runners by age group of women were:

- 15-18: Rene Barglowski.
- 19-29: Kirsti Smith, Lori Ansell, and Kathy McDonough.
- 30-34: Barbara Banaszynski, Debra Kuehn, and Paige Sorbo.
- 35-39: Jerry Murnford, Michelle Bailey, and June Wasserman.
- 40-49: Jo Kajiwara, Suzane Haney, and Marla McBride.
- 50-59: Bev Wood and Gerry Wisdom.

Among the men, top runners were: 14 and under: Mike Oliver, Chris Marshall, and Andrew Mitchell.

15-18: Andy Corzine, Grant Bechler and Robert Crouse.

19-29: Ron Ryan, Steve Bridges, and Elmer Nash.

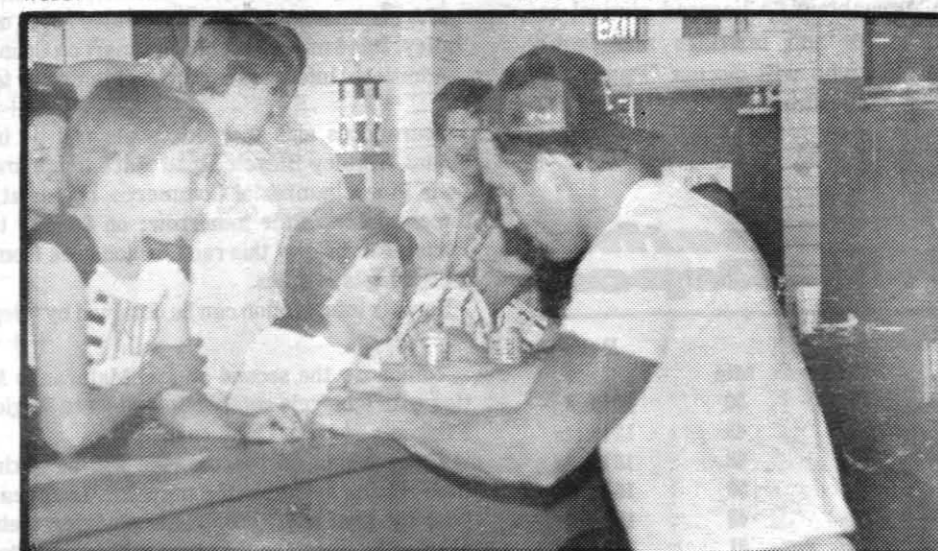
30-34: Steve Moll, Dave Hamel, and Glenn Roquemore.

35-39: Henry Bednarski, Jerry Killeen and Mick Rindt.

40-49: Jo Oliver, Tom Rindt and Richard Casper.

50-59: Mel Miles, David Rugg and Scotty Broyles.

60 and over: Bill Norris, Dick Wisdom and Frank Morales.



BUSY PEN — Duke Schamel, one of the Los Angeles Rams players who visited the Center and took part in the variety of events last weekend, spent a good bit of his time at Hall Memorial Lanes signing autographs instead of bowling. — Photo by Jan Silberberg

# Record brown trout catch lures anglers to Sierra

Brown trout records were broken in California on April 30 when an ecstatic angler tied into a 26-pound, 5-ounce brown trout in Upper Twin Lake at Bridgeport. The lunker was certified on Saturday by the Department of Fish and Game as being a new state record fish. It was taken trolling near shore Thursday morning by an angler using a Rebel lure painted to look like a young trout.

Other fishing in the Bridgeport area is picking up, both from the bank and trolling, but most of the fish being caught are planted rainbows. Fish from 14- to 16-inches are being caught in the East Walker River and smaller fish are being taken in the West Walker. The Virginia Lakes are also providing pretty good catches of trout.

Cold weather is still affecting fishing in the high country lakes. South Lake has ice

— too thin to support ice fishermen. Sabrina is clear of ice but the water is so cold that the best bet is to fish the inlet with bait. Two-thirds of Rock Creek Lake is still icy but the edges are open and fishing is fair on nightcrawlers and Panther Martin lures.

Twin Lake at Mammoth is open but few fish are biting. Lakes George, Mamie and Mary are all still ice-covered and the ice is thin.



## Sports

In the Kearsarge area, Little Pothole and Gilbert Lakes are open and fishing is excellent.

June Lake has proven to be the best spot in the June Lake Loop area. Best bet from shore is marshmallows and red eggs; when trolling, use Needlefish. Trolling at Gull and Silver Lakes is best with a Dave Davis, with a nightcrawler or with a Triple Teaser. Still fishing is good with red eggs and worms. Rush Creek is very good — use

red eggs.

Lake Crowley fishing has been slow because of the cooler weather but some rainbows and perch have been taken. Fly fishermen have done well in the Upper Owens, McGee and Convict Creeks with nymphs, Hare's Ears and Pheasant Tails. Fishing in the lower Owens River and in the creeks in the Independence area has been good, rather than excellent. Red eggs, marshmallows and worms are all productive when trying for these trout.

Bass fishing, which was excellent up to 10 days ago, has slowed because of the cooler weather. Shortly it should pick up and be the best that it will be all year. Catfish are not biting well in the Owens River and the ponds in the Owens Valley at this time.

All creeks are being planted weekly.

# Good weather, good play highlights soccer

With gorgeous weather, the seventh week of play for the NWC's Youth Soccer league produced excellent plays and some close games.

### Drillers 4, Timbers 1

Scoring two goals each, Mark Castillo and Chris Potten led the Drillers while Jeremy Lewis was all over the field stopping the Timbers. Robby Tomlinson scored the only point for the Timbers while Aaron Knecht led the offense and Adam Summers and Jesse Owen lead the defense.

### Whitecaps 2, Diplomats 0

David Gartner and Peter Byers played a great game for the Whitecaps and Steven Sticht and Elliott Borden made the two goals. Despite good stops by goalie Ben Lee and good defensive plays by Jimmy Cribb, the Diplomats couldn't prevent the Whitecaps from scoring two.

### Souaers 1, Roughnecks 1

Remaining undefeated, the Souaers had good plays by Paul Underwood, Wally Mercado and Jason Maxwell. Jamie Scholl scored a goal off a direct free kick

to tie the game for the Sounders. With a goal by Jonathon Rae and good plays from Steve Lewis, Ben Friedman, Eric Armstrong and Brian Jorgensen, the Roughnecks wouldn't be defeated.

### Tornados 2, Kicks 2

Phil Johnson scored both goals for the Tornados with one assist from Chad Shedlock. Great goal saves by Mic Ryan and Brad Harper, outstanding team play by all members and the two goals by Mike Ogren made the Kicks a formidable team.

### Stings 3, Aztecs 1

Excellent performance by the Stings and goals made by Akini Garret (2) and Michael Frederick won the game. Playing three players short, the remaining team members made a valiant effort in the loss. Michael Hobson made the only goal for the Aztecs.

### Coyotes 1, Eagles 1

In this hard fought game, Justin Martin scored the tying goal for the Coyotes minutes before end of the game. Corey Gartner and Michael Lamond put forth a good effort for the Coyotes. Good offensive play led the Eagles with Bill Nelson,

Meg Frisbee, Lisa Caffery and Ryan Lopez the outstanding players. Eagles' goal was kicked in by Nathan Mickelson.

### Whitecaps 4, Fury 1

With the end of the first half sporting a tied game, the Whitecaps leaped ahead in the second half with goals made by Charles Eberhart, Ted Mechtenberg and Chris Marshall. Jotham Schwartz and Larry Flores tried to stop the victors but couldn't do it, despite Scott Wilson's goal.

### Owls 2, Express 0

An excellent pass by David Rollingson resulted in a goal by Cheryl Wiegert for the Owls. The goal made by Kevin Nowicki and excellent plays by Timmy Foley won the game. Good plays by Danny, Aaron, Adam, Jason and Chris, as well as a good first-half effort by Kaly Furnish wasn't enough for the Express.

### Roadrunners 2, Apollos 0

Super saves by Carlos Mastin, goals by Nicholas Charlon and Salvador Ramirez, and Crim Piper on offense led the victors. Steve Shultz saved three goals for the Apollos and Jean Glasgow and Jimmy Hutmacher made a strong effort for goals in the loss.

### Lancers 0, Sockers 0

While the Lancers didn't perform up to expectation, Brandon Rey made an excellent save to keep the score at zero. Three goal attempts were made by the Sockers but the offense was unable to score. Sockers' Greg Oshel and Colby Begire played good defense.

### Rogues 6, Whitecaps 2

Good efforts by the team, especially Clay Wilson and Aaron Crook, weren't enough to prevent the Whitecap's first loss. Ralph Jorgensen scored both goals for the Rogues. David Caraker, Nathan Nickle, Steve Mills, Rigel Fram and Ryan Phillips slammed in the goals in the win.

### Stricker 5, Earthquake 0

Robert Ricks kicked in one goal and Danny Hartley slammed in two goals for the win. Travis Caddell played a solid defense for the victors. The Earthquakes didn't turn in a score sheet.

### Rowdies 3, Cobras 0

Matthew Armstrong made a valiant effort in defending the Cobra goal and Philip Belding and Anthony DeCarlo made excellent plays in the loss. The Rowdies didn't turn in a score sheet.

# NWC pistol team scores big win

NWC China Lake's pistol team won or placed in both individual and aggregate matches in the Southern California Regional Pistol Championships in San Diego last weekend.

Approximately 120 military and civilian personnel competed in the championships.

China Lake team members won five first place class awards and placed in nine others out of a total of 16 matches.

Winning team members were Jeffrey T. Mattick, FCC and Ralph J. Legler, FCCM. The two team members are assigned to NWC Code 39219.

The next major competition for the rifle/pistol team will be the Pacific Fleet and All Navy matches in San Diego.

# Scorpions to hold fundraiser Sat.

The Scorpions Soccer Club team, which is traveling to West Germany this summer, will be working on a car wash this Saturday, May 9 from 9 a.m. to 4 p.m. at the Texaco station on China Lake Blvd.

This will be a "free" car wash. No set cost for the job is quoted, but it is anticipated that drivers might donate something toward the expenses of the Germany trip.

The Scorpions will spend two weeks in West Germany this summer as part of their long participation in the soccer exchange program. Cost of the trip will be nearly \$1,000 per player.

the first ball for the Bobby Sox league, which began play last Saturday. — Photo by Steve Boster



SEASON OPENER — Capt. John Burt, NWC Commander, shows off his pitching skills as he throws out



# The Skipper Sez...

## QUESTION

Retired military -- I would like to know why, for the past couple of weeks, the gas station at the Navy Exchange has the leading gas price in the city. Our gas has been higher than everybody and for the last four days in a row, the gas price has increased. This is totally foreign to my knowledge of the pricing policy of gasoline at the Navy Exchange gas stations. I have called the Navy Exchange, but I can't get a satisfactory answer; maybe your people can. I would appreciate it.

## ANSWER

Following authorization to accept credit cards on the sale of gasoline, the Navy Exchange adopted a two-tier price structure; cash and credit prices. In keeping with standard industry practice, NEX gasoline dispensers are set to display the credit card prices and a four cents per gallon discount is extended to customers paying cash. All gasoline stations (except Chevron) being surveyed in town accept only cash payments on the sale of gasoline. Prices on their pumps show cash prices, this accounts for the misperception of NEX prices not being competitive with local stations.

NEX gasoline prices are determined by following the gasoline pricing policy established by the Navy Resale System. The policy requires exchanges to survey twelve local service stations and establish retail prices as follows:

**Regular:** Establish the Navy Exchange price equal to the average retail price of the lowest 25% of these stations (but no lower than \$.01 below cost).

**Unleaded:** Establish the Navy Exchange price at two cents below the average of all stations.

**Supreme:** The selling price for premium gasoline will be established equal to the average premium price indicated on the survey.

As pointed out, the Navy Exchange gasoline prices increased four times during the period of January 26 to January 30, 1987. These are direct results of the price surveys conducted during the same period. However, by applying the pricing formula detailed above, the Navy Exchange gasoline prices are never higher than everybody in town.

## COMMENT

Civilian employee -- In regards to the lady with the coyote problem, I would suggest from history to use ammonia around the garbage cans to keep the coyotes away. It can also be used around the lawn on the sidewalks and bricking and that will keep stray cats and everything away from the garbage, house and the child. Thank you for your time.

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

# Firefighter honored for humanitarian service

Randy Study, formerly a Forest Service firefighter who joined the China Lake Fire Division only two weeks ago, returned to Forest Service headquarters in Porterville Monday to receive an award.

He was presented a certificate of appreciation from the Mexican government by Sofia Garcia, vice consul from the Mexican Consulate in Fresno, for his humanitarian service following the earthquake in Mexico City on Sept. 21, 1985.

Study was one of five Forest Service firefighters from Kernville who helped dig victims from the rubble left by that quake.

He says the initial call for help was to fight structural fires from water-dropping helicopters. By the time the crew had been gathered and flown to Mexico City in a C-5 from Norton Air Force Base (helicopters, support trucks and all), the fires were under control, but trained personnel were needed to help rescue trapped victims.

The crew he worked with was assigned to Benito Juarez Hospital, where more than 1,200 people were trapped in the wreckage. While the helicopters were of no use, the trucks and equipment they carried were invaluable because "getting around after the quake was a major problem," according to Study.

Rescue work at the hospital was headed by Dade County, Florida, firefighters. Also helping were French rescue teams with ultrasound equipment to help locate trapped people, and Swiss teams with dogs to do the same.

Study adds that "just plain people from the area" were phenomenal in their assistance. "We used concrete saws to cut big blocks, and they chipped away with hammers or anything they could find until the rubble could be carried off and cleared."

He said that his team worked about 20 hours before they found anyone alive. "Then someone crawled into the wreckage and heard a baby crying. We were in the group that found the live babies. We also knew that there was a doctor still alive who had been trapped on the ground

floor, but I don't know if anyone was able to get to him in time."

Fire crews worked 16-hour days, he says, which meant they were too tired to worry much about being housed on the 16th floor of a hotel.

"They assured us that the hotel was safe," Study comments, "but we found that the sidewalks sloped in toward the building and every time you took a shower, you came out bathed in plaster as well. That wasn't too encouraging."

During the time he was in Mexico City, however, he didn't feel any aftershocks.

Study adds that the daytime temperatures were very warm and that lack of water for those living in older areas of town was a real problem. "People were taking off manhole covers and using the water they found there, no matter how dusty and dirty it looked," he says.

"That and the smell of formaldehyde and decomposing bodies are the most vivid memories I have about the Mexico City disaster."

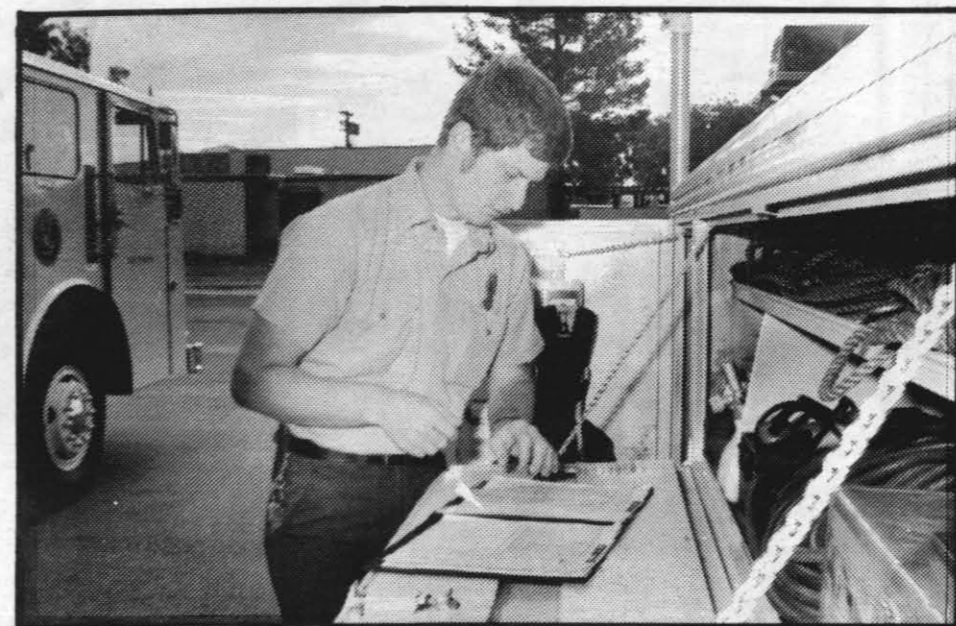
Study spent 7 years with the Forest Service, mainly in the Kernville area, where he and his wife, Sheryl and their three children, aged 6 months, 2 1/2, and 4 years old, still live.

(See picture of Mexico City earthquake damage on Page 7)

# Museum open

In honor of International Museum Week, the Maturango Museum will offer free admission to everyone from Sunday, May 17 through Saturday, May 23 (with the exception of Monday, May 18, when the museum will be closed).

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



HARD AT WORK — Randy Study, new to the China Lake Fire Division, checks equipment. Study just received a certificate of appreciation from the Mexican government for his humanitarian efforts following the Mexico City earthquake in 1985. — Photo by PHAN Bob Reynolds

# IMAD program tries to increase safety . . .

(Continued from Page 1)

IM threats include placing the test item in an oven where the air temperature is raised at a rate of six degrees per hour until reaction occurs for SCO, placing a test item so that it is engulfed in the flames of an aircraft fuel fire until reaction for FCO and firing a 20mm projectile through the most shock-sensitive material of an item for BI. In all cases, the ordnance must display no reaction more violent than burning.

Assessments and analysis are required to determine specific fragment impact and sympathetic detonation threats and, if tests are deemed necessary, reactions must be no more severe than burning for the former and no sympathetic detonation in the stowage configuration is allowed for the latter.

The long-range solutions for propulsion being sought by Victor's team will require both propellant and hardware fixes. Work on advanced propellants and improvements to conventional propellants to correct problems that cause hazardous levels of sensitivity include advanced ingredients, different binder chemistry, new processing techniques and alternate propulsion systems, such as those using bipropellants.

Hardware improvements being investigated are advanced motor cases, reduced-sensitivity ignition systems and containerized protection.

In the short term, fixes are needed for existing rocket motors. An important part of the work going on at China Lake is channeled in this direction with active mitigation systems being developed and tested to meet FCO, SCO and BI requirements.

Victor coordinates, provides technical direction and serves as liaison contact for the entire propulsion project. Most project work is done on Center, but some of the tasks are pursued at the Naval Surface Weapons Center, White Oak and Indian Head and the Naval Ordnance Station, Indian Head.

Local efforts and task leaders include: rocket motors, advanced cases and large-scale tests, Jm Farmer; Penguin rocket motor support, Ray Feist; propellants, Ed Panella; mitigation systems, Amos Diede.

Over 50 China Lakers are working on the IMAD propulsion project at a 30-man-year level. The Engineering Sciences Division of

the Research Department is developing and performing small scale-tests under the propellants task to determine the sensitivities and hazards of propellants and explosives. Amos Diede is pursuing small-scale tests investigating propellant heating phenomena.

Extensive large-scale testing is currently being conducted on a series of full-scale solid propellant rocket motors. Various types of cases are being used for FCO, SCO and BI tests and early results are encouraging.

"This year, we are testing rocket motors to three different threats (BI, FCO and SCO) using two different propellants and four types of motor cases," says Jim Farmer, leader of this crucial task. "We have already learned a lot about the differences in response of the two propellants to each of the threat scenarios and we are trying to prove that a strip laminate case will react acceptably in the slow cookoff environment if the propellant does not swell to the point of extruding from the nozzle.

In a complimentary task, several major fleet propellants are being characterized.

Of special interest is the reaction of each propellant to the slow cookoff environment. Some of them expand, some melt and many start self-heating as rising oven temperatures bring them to the point of reaction.

"Our objective is to develop and demonstrate the propulsion technology needed to meet the Navy's IM goals," says Andrew Victor. "When we have done this, the weapon programs will be able to incorporate the new technology into propulsion components that are safe to carry into battle aboard capital ships and will deliver the performance required of them. To accomplish this objective, we are pursuing an unparalleled study to understand the behavior of current propellants and motors. We must do this to learn how to avoid the same problems with the new propellants and motor cases we develop."

"Our shorter term objective," he concluded, "is to develop devices which, when externally fitted to existing rocket motors, will reduce the hazards of those motors during the remainder of their useful lives."



## China Lake Police Reports

At the intersection of Knox Road and Nimitz Avenue, a driver lost control of his vehicle and struck the concrete drainage ditch. He was taken to Ridgecrest Community Hospital because he suffered major injuries. The same driver was found to be in possession of a deputy sheriff's badge and identification from Colorado. When the China Lake police checked with the Colorado sheriff's office, it was found that the individual was no longer a deputy and the sheriff's office asked the CLPD to confiscate both badge and identification.

A driver was stopped for a routine traffic stop at the main gate at 9:36 p.m. one evening and was found to be driving while under the influence of alcohol. The driver was held until he was sober, cited and released.

Another driver was stopped on Inyokern Road for a traffic stop, was found to be driving under the influence of alcohol, taken into custody until he was sober, cited and released.

Two juveniles removed Unicorn pens from one of the offices at Richmond School, according to a petty theft report filed with the China Lake police.

One vehicle struck another in the airfield parking lot.

While the guard at the Richmond Gate was waving a bus through the gate, another vehicle struck him, causing a bruise to his shoulder.

When one driver did not yield the right of way at the intersection of Blandy Avenue and Hussey Road, two vehicles collided. The driver of one was taken to Ridgecrest Community Hospital, checked and released.

At Armitage Airfield a burglary report was made when someone removed the key to the bike rack from a tool box inside the building and took a bike locked inside the hangar.



**NEW OFFICERS** — Following their installation at a luncheon meeting of the China Lake Post of the American Society of Military Engineers, new officers of the post gathered for their official photo. Officers are, left to right, Ens. Don Whitehurst, treasurer; Sam Miller, president; Jerry Polly, vice president; Jerry Morrison, assistant secretary/treasurer; and Sidney Miyakawa, secretary. — Photo by PHAN Bob Reynolds

## NOTS Pages from the Past

Capt. Paul David Strop — who eventually became a Vice Admiral and Commander, Naval Air Force, Pacific Fleet — was Commander of the Naval Ordnance Test Station from October 1952 to August 1953.

While at the Naval Academy he was on the Varsity Gymnastic Team for four years and was a candidate for the 1928 Olympic team. He also competed internationally at Amsterdam before entering flight training to become a Naval aviator.

His sea service included assignments on the USS Saratoga, USS Lexington, and the USS Ranger. His career during World War II included coming under enemy fire — and earning citations for his courage.

Postwar service saw him as Commanding Officer of the USS Princeton, and, during the Korean War, Commanding Officer of the USS Essex before his assignment to China Lake.

After he was relieved as NOTS Commander on Aug. 28, 1953 he was the Senior Navy Member, Weapons Systems Evaluation Group; Deputy Chief of the Bureau of Ordnance; Commander, U. S. Taiwan Patrol Force; Chief, Bureau of Ordnance; and first Chief, Bureau of Naval Weapons; before his terminal assignment with the Pacific Fleet.

He retired from the Navy on November 1, 1965.

# Navy Relief Society fund drive kicks off Monday

All China Lake military and civilian personnel are invited to contribute to the Navy Relief Society fund drive starting Monday and lasting until June 15. Highlights of the drive this year will be the NRS fund drive drawings and the fourth annual "B" Mountain run.

What is the Navy Relief Society? A better question may be, who is the Navy Relief Society?

It is people helping people, the Navy and Marine Corps helping their own with emergency needs through no-interest loans or outright grants for emergency transportation, medical bills, funerals, and assistance when disaster strikes.

Other services include education loans for dependent children, listening post, budget counseling, and layettes.

To assist in these endeavors, the Navy

Relief Society needs funds collected through the annual drive. Last year NRS spent over \$30,000 for local emergency loans and grants. Last year's local fund drive collected a little over \$18,000.

The drawings this year will feature a wide range of prizes appealing to many different interests.

The first drawing will be for one of three sports packages from Bob Foster's

Super Cycles, including Kawasaki Jet Skis, Suzuki Quadrunners, and Suzuki DR series motocross cycles.

The second drawing is for a choice of a week for two on Waikiki Beach or a family weekend at the Disneyland Hotel, arranged through Sharon's Travel.

The third prize will be a \$400 shopping spree at Loewen's, which could apply to a VCR, TV, stereo or household appliance.

The fourth drawing will be for a choice of Schwinn Mesa Runner or Traveller 10-speed bicycles from T. J. Frisbee.

Additional drawings will be made for a weekend for two at VX-5's Mammoth Mountain ski chalet, dinners at Sizzler and Le Parc, brunch at the Carriage Inn and passes to Ridgecrest Cinema.

The second major fund-raising event will be the fourth annual "B" Mountain run. This run up Tower Mountain Road is a rigorous challenge for runners and mountain bicyclists. Chuck Lewis of the local Navy Reserve Unit and members of EOD are in charge of the run.

Each military department has an assigned keyperson who will act as a point of contact for further information and drawing tickets.



## Military News

## Dental plan begins Aug. 1

Service members who do not want their families enrolled in the new uniformed services dependents' dental insurance plan must notify their finance office before June 30. Otherwise, eligible families will be automatically enrolled.

The first monthly premium — \$3.93 for one dependent, \$7.86 for two or more — will be deducted from paychecks in July for benefits beginning Aug. 1. Only services obtained from civilian dentists on and after Aug. 1 will be paid for by the plan.

Active duty families who are enrolled will still be able to get dental care on a space-available basis at military medical facilities, but only for emergency care and services not covered by the new program.

The dental program's preventive, diagnostic and emergency benefits include: routine oral exams, including teeth cleaning; fluoride treatment; routine dental X-ray; laboratory exams; and emergency minor treatment for pain.

Restorative services will include fillings, stainless steel crowns for baby teeth and repairs to dentures.

Some examples of dental services not covered are braces, tooth extractions, root canals, porcelain or gold crowns, dentures and cosmetic dental services.

Families not enrolled will still be eligible for space-available care from military dental facilities. For further information, call Lyn Wilson, Health Benefits Advisor, 2911, ext. 245.



**ANOTHER FOUR** — Duties of an aircrew survival equipmentman are diverse and demanding, but PR2 William L. Sutton has enjoyed their challenge since 1978. He's just re-enlisted for another four years. Petty Officer Sutton, a graduate of Bunker High in Bunker,

Missouri, is assigned to the Paraloft Section of the NWC Intermediate Maintenance Department. CWO4 C.T. Cook, who heads AIMD, administered the oath of enlistment. At NWC since 1984, Petty Officer Sutton expects to be reassigned shortly.

## Running can be painful, says doctor

Ah, warm weather. Time to get going on a running program again.

Aw! Those aching muscles. Who needs the exercise?

Aching muscles are a fact of life for most people upon beginning or increasing a running program.

They should not be ignored — but they should also not provide an excuse to stop exercising completely.

Of course any running program should be begun carefully. Don't try to do too much the first time out. Build up gradually to greater distances and speeds.

According to Dr. Jay Cox, a retired Navy captain who was orthopedic surgeon and director of sports medicine at the U.S. Naval Academy in Annapolis, Md., and who is now a sports medicine consultant to the academy, there are four levels of running pain. Learn to assess which level you are experiencing, so you can respond appropriately.

First-degree pain starts shortly after you begin running or other workouts and disappears within 24 hours of completing the exercise. The remedy is warm-up and stretching exercises.

Second-degree pain is constant and increases as the run continues. However, it does not affect performance. To reduce it, said Cox, follow the remedies for first-degree pain and eliminate activities that cause the pain to increase, such as races or long training runs. If first and second-degree pain are ignored, the body is damaged, and third- and fourth-degree pain can result.

Third-degree pain lasts throughout a run. It is mild during easy workouts and severe during hard ones and is never fully relieved by rest. When pain reaches the level where it hurts performance, said Cox, slow down and do stretching exercises. Third-degree pain requires a doctor's attention to help prevent further injury.

Fourth-degree pain makes running or other strenuous sports extremely painful and inadvisable. Medical attention is definitely needed. A doctor can advise on rest and rehabilitative exercise and provide the necessary medical attention. Cox said the physician may recommend substituting swimming, walking or cycling to keep yourself in shape until the injury is healed. Three miles of cycling or one-third mile of

swimming provides the aerobic benefits of one mile of running.

According to Cox, the most common running injury is to the knee, followed by the ankle, forefoot, shin and Achilles tendon, which joins the calf muscles to the heel bone. The best way to prevent injuries is to wear shoes best suited to your feet and running style, to perform conditioning and warm-up exercises and to listen to your body when pain is still of the first degree.

## NEX News

Mother's Day shoppers still have the rest of today and tomorrow to take advantage of the special bargains offered by the Navy Exchange to honor "Mom."

The next big sale, May 14 through 17, honors Armed Forces Day, which will be celebrated locally on May 17.

Summer vacations are upcoming, so now's the time to get luggage and other vacation needs to be ready for those trips.

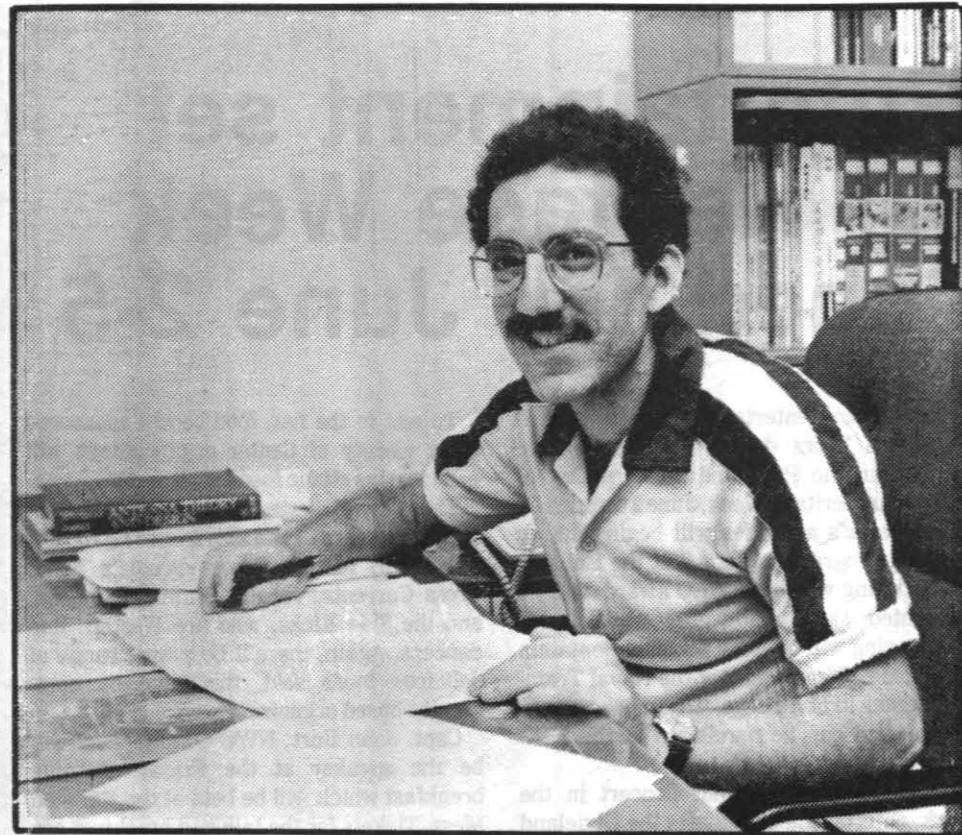
The NEX garage will be closed May 23 through 25 because of the Memorial Day weekend.

## FRA to install officers

Installation of 1987-88 officers will highlight a dinner meeting of China Lake Branch 95 of the Fleet Reserve Association tomorrow at the Chief Petty Officers' Mess. A social hour precedes the installation and a T-bone steak dinner with all the trimmings will follow the ceremony.

Officers to be installed include Robert J. Schwaiger, president; Conrad Fairchild, vice president; W.E. Baker, secretary/treasurer; Skip Bennett, junior past president; and Opel Anders, Dean A. Hermann, Gary Schmidt, Verne C. Tracey and Arthur Trent, members of the board of directors.

All active duty and retired Navy, Marine Corps and Coast Guard personnel, their families and friends are invited to attend. Reservations for the dinner are required and may be made by telephoning any of the officers. Cost of the dinner is \$10.30 per person, including tax and tip.



**RAMI WISSA, EGYPTIAN ANCESTRY, CODE 3336** -- "Even those who we consider as the natives in this land might have come from another place. Everyone here can trace his or her ancestors as being from another land. It is as if I went to an amusement park where I am meeting all sorts of interesting people. They are all different and yet I enjoy their company."

"My being of Egyptian descent, I see myself in the park with some who have just got here while others have been here for a long time. This country has people literally from the four corners of the world. I am here with my customs, they are here with their customs; yet in spite of the vast differences, we exist together and if necessary, we can be one. There is more to a merging of different cultures than just the difference in clothing, food, or skin color. These different cultures all have vast difference in philosophy, arts, and how to live in general. So it is also a merging of the minds. So unlike other lands, here we have the advantage of different minds resolving a common problem."

"Yet, there is a common denominator between all those who came to this land; they are all seeking opportunity. This is the opportunity to live just like anybody else. To be allowed to do what they want. This is nothing more than having a choice -- simply, freedom. However, with this freedom comes the responsibility for one's actions. One must be capable of exercising this freedom carefully so that one will not cause any burdens to fellow people. I think all the different philosophies in this country recognize this. This is also what the founding fathers recognized and worked hard for -- so that this freedom and fairness would be preserved."

"A lot of people complain that there is a lot that is wrong with this country, I don't see it as such. I guess I can close my eyes to what I don't like; yet, I still acknowledge it. There is good and bad everywhere, if this was not so, then how can we distinguish between the two?"



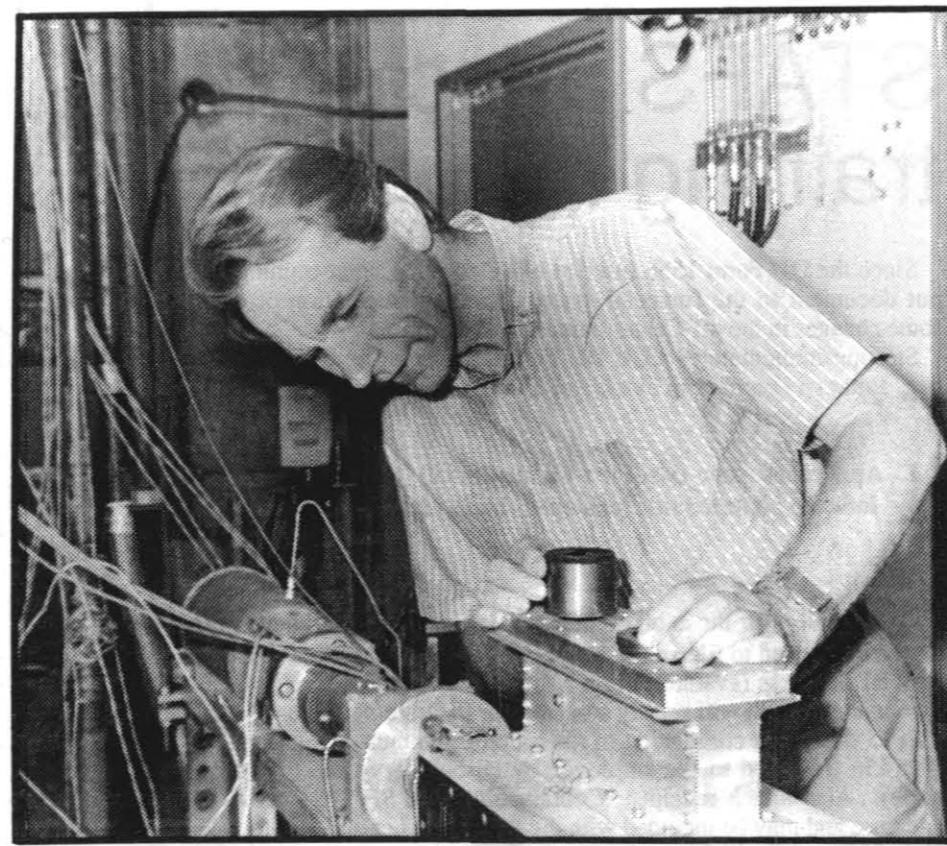
**ESTELA PAINE, HISPANIC ANCESTRY, CODE 2432** -- "For me it means having privileges -- to worship as I wish, to express my likes and dislikes, to enjoy and share the best of many cultures and to influence decisions that affect our daily lives. I especially appreciate that our system allows us to be good Americans and still cherish and retain our inherited traditions and values."



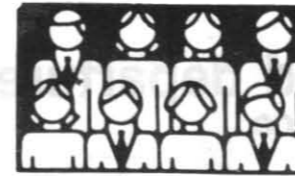
**ALFRED A. WYNNE, SPANISH/AMERICAN INDIAN ANCESTRY, CODE 3522** -- "American Heritage Week represents the pride all citizens of this land should show for their ancestral roots be they Native American, European, African, or Asian. Without the recognition of these ties to our past, we would be a people without a cultural past, a present of singular blandness, and a future of cultural emptiness."

## Americans -- proud of their heritage!

Americans are proud of their heritage and in honor of American Heritage Week, being held June 2-5, some Center employees give their definition of what American Heritage means to them.



**KLAUS C. SCHADOW, GERMAN ANCESTRY, CODE 3802** -- "We have five nationalities in our branch: American, German, Israeli, Japanese and Korean. Everybody proudly maintains a relationship to his unique traditions and customs. However, our work at the Naval Weapons Center has made us a group with common professional and social goals and expectations for the future."



# Personnel News & Notes

No. 95 / May 8, 1987

Naval Weapons Center, China Lake, California 93555-5001

## Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees; temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). 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 then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on 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. 14-010, Facilities Management Specialist, DA-1640-2/3, Code 145A** - This position serves as the focal point for defining facilities requirements for a Center-wide data communications network supporting the Center's corporate computer/data needs. The incumbent will work closely with all other departments on Center to determine requirements and with Public Works Department to develop and recommend equipment and facilities standards for communication systems. The incumbent will be responsible for developing a plan and generating proposals for minor construction efforts, installation of the communication system and the power sources for it. **Job Relevant Criteria:** Knowledge of facilities planning and acquisition processes; ability to plan, manage, and coordinate a center-wide effort; ability to interact effectively with a variety of technical personnel in resolution of conflicting requirements; ability to communicate effectively in writing. Promotion potential to DP-3 based upon the job performance and management's intention at the time. Status eligibles may apply.

**No. 14-011, Computer Clerk/Assistant, GS-335-4/5/6, Code 141D** - This position is located in the Telephone Operations Office of the Computing and Communications Office of the Information Systems Group. The incumbent will be responsible for validating and processing of the Center's telephone equipment, toll-call bills and for handling issuance and repair service for pocket pagers. This work will involve utilization of a VAX data base program accessed by remote terminal. On the job training will be provided in the use of the VAX and in telephone operations. **Job Relevant Criteria:** Ability to organize and prioritize tasks; ability to work independently with attention to detail; ability to use and apply a variety of written manuals and instructions; knowledge of VAX remote terminal operations; knowledge of telephone procedures and communications terminology. Promotion potential to GS-6.

**No. 24-018, Police Officer, GS-**

**083-7, Code 241** - This position is located in the Police Division, Safety and Security Department. It is that of Crime/Loss Prevention Officer. Duties include the development and implementation of crime prevention and loss prevention activities within NWC. Incumbent is responsible for conducting investigations of missing, lost, stolen or received Government property. Incumbent analyzes trends and occurrences of loss at NWC and prepares statistical reports and point papers. **Job Relevant Criteria:** Knowledge of Navy's Missing/Lost/Stolen/Received Reporting System; knowledge of crime prevention techniques; ability to communicate orally and in writing. Promotion potential is to GS-7.

**No. 24-019, Communication Management Specialist DS-391-1/2/3/Security Specialist, DA-080-1/2/3, (Multiple Vacancies) Code 2408** - These positions are located in the Communications Security Office, Safety and Security Department. Incumbents assist the COMSEC Officer as the CMS and primary alternate custodians for the center. **Job Relevant Criteria:** Ability to communicate both orally and in writing, ability to interpret and implement written instructions, knowledge of COMSEC Doctrine and practices. Promotion potential is to the DS/DA-3.

**No. 26-019, Wood Crafter, WG-4605-10, Code 26418** - This position is located in the Electric Support Branch. Incumbent constructs, installs, and repairs cabinet work, furniture, displays, models, and similar items. May construct and install doors, door jams, locks, sash, screen doors, picture frames, sinks and counter tops, and may perform minor framing and construction. Lays out work, cuts, saws, joins, nails, glues and assembles lumber and allied material in repair of broken objects and in construction of new equipment. **Job Relevant Criteria:** Knowledge of technical practices; knowledge of materials common to the trade; ability to interpret instructions, specifications and blue prints; ability to plan and lay out work; ability to select proper tools and equipment; ability to work with out

more than normal supervision. Supplemental required. Previous applicants need not apply.

**No. 26-021, Pipefitter, WG-4204-10, Code 26434** - Position is located in the Utilities Branch. The incumbent installs pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, steam power, hot water heating, hydraulic, high pressure air, chemical acid, various gases, Cardox fire sprinkler systems, vacuum lines, nitrogen lines and oil line systems. **Job Relevant Criteria:** Knowledge of measurement and layout; knowledge of tools and equipment; knowledge of technical practices; ability to do the work of the position without more than normal supervision; ability to interpret instructions, specifications, blueprints, etc.; ability to troubleshoot. Supplemental is required.

**No. 26-022, Supervisory Environmental Protection Specialist, DP-028-3, Code 2662** - This position is that of Head, Environmental Resources Management Branch located in the Environmental Division of the Public Works Department. The incumbent is responsible for insuring that the Center complies with all Federal, State, Navy and local laws, regulations and policies concerning environmental media, air, water, noise, solid waste, hazardous waste, pesticides, soil, fish and wildlife and natural and cultural resources. **Job Relevant Criteria:** Knowledge of resources management; knowledge of state and federal regulations concerning endangered plants and animals; knowledge of archaeology resources; ability to communicate both orally and in writing; ability to supervise; ability to support EEO goals and policies. New supervisors must serve a one year supervisory probation period. Status eligibles may apply.

**No. 26-023, Administrative officer, DP-341-3, Code 2602** - Position is that of Head of Staff for the Public Works Department. The incumbent provides and coordinates the full range of administrative functions in the areas of personnel, finance, facilities, communications, organizational analysis and forming and implementing administrative policy. Provides administrative advice and assistance to the department head, assistant department head, associate department heads, division heads and administrators. **Job Relevant Criteria:** Knowledge of budget, personnel, space, safety and security, management policies and procedures; knowledge of Center-wide administrative processes; knowledge of and willingness to support NWC EEO goals and policies; ability to analyze diverse and complex processes; ability to communicate effectively, both verbally and in writing; ability to deal effectively with all levels of personnel; ability to supervise. New supervisors must serve a one year supervisory probation period.

**No. 26-025, Mail/File Clerk, GS-305-3/4, Code 26026** - Incumbent controls all incoming and outgoing mail, provides central records management, maintains the Department Instruction program and serves as the department forms representative. **Job Relevant Criteria:** Knowledge of the Public Works organization and its functions; knowledge of the Navy filing system, knowledge of mail handling systems; ability to route and dis-

tribute messages and instructions; ability to operate office copy equipment. Promotion potential to GS-4.

**No. 33-011, Supervisory Interdisciplinary (General/Electronics Engineer / Physicist), DP-801/855/1310-3/4, Code 3337** - This position is that of Head, Short Range Missile Fuze Branch located in the Fuze Systems Division of the Fuze and Sensors Department. This branch performs advanced development, engineering development, and production support of proximity sensor systems and related test equipment for air-to-air and surface-to-air guided missiles. The incumbent is responsible for providing technical and managerial leadership to a team of scientists, engineers, and technicians and reports directly to the division head. In addition, the incumbent will be responsible for interfacing with all levels of NWC management, project offices, SYSCOM sponsors, other government agencies and services and development contractors. **Job Relevant Criteria:** Knowledge of electronic design principles; knowledge in optical/IR sensor systems; skill in full-scale development; knowledge of microwave sensor systems; ability to support EEO program and goals. New supervisors must serve a one year supervisory probation period. Promotion potential to DP-4. DP-4 will be filled by reassignment only. Previous applicants need not reapply.

**No. 36-035, Supervisory Interdisciplinary Computer Scientist / Electronics Engineer / General Engineer / Mathematician / Physicist, DP - 1550/855/801/1520/1310-2/3, Code 36224** - This position is that of Head, Software Support Section located in the Systems Electronics Branch of the Systems Engineering Division of the Engineering Department. This section is responsible for supporting and participating in the transition of the Sidewinder AIM-9R software design from Code 39 to Code 36. In addition, the incumbent will be responsible for establishing and controlling the System Software Support Facility for AIM-9R production support. **Job Relevant Criteria:** Knowledge of programming and documentation practices; knowledge of hardware and software; knowledge of NWC's EEO policies and procedures; ability to plan and schedule work; ability to communicate orally. The incumbent may be required to serve a one year supervisory probationary period. Promotion potential DP-3.

**No. VX-5-001, Technical Publications Writer Editor, GS-1083-11/12, VX-5** - This position is assigned to the Commander, Test and Evaluation Force in Norfolk, Virginia, and is located at VX-5. Incumbent participates in the preparation of detailed test plans and formal reports prepared upon completion of weapon systems evaluations. Incumbent edits material submitted by test directors, engineers, and other writers as well as prepares original material. **Job Relevant Criteria:** Knowledge of flight test evaluation; knowledge of Navy technical reporting style and formats; knowledge of composition, illustration, and layout and printing; ability to work well with both military and civilians. Status eligibles may apply.

## 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. 33-007 Interdisciplinary (Electronics/Aerospace Engineer/Physicist), DP-855/861/1310-2/3, Code 3333** - This position is located in the Advanced Technology Projects Branch, which is involved in the design, development and production support of proximity fuzes and associated support test equipment for fleet missiles, both air and ship launched. Active radar and electro-optical technologies are used in this fuze development role. This branch is hardware oriented, and tasks routinely include work with digital and analog circuitry design and development, laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as a senior team member supporting programs in the branch, which includes conducting advanced fuzing studies and development of proximity fuze devices for SPARROW, RAM, and AMRAAM missile systems. Please submit current SF-171 to Bill Vecchione, Code 3333, NWC ext. 1211.

**No. 36-042, Interdisciplinary Mechanical Engineer / Industrial Engineer/Aerospace Engineer/General Engineer, DP-830/896/861/801-2/3, Code 3604** - This position is located in the Sidewinder Technical Office, Engineering Department. The incumbent will act as production project technical manager specializing in the Sidewinder aft components (war head, rocket motor, wing, fin). The incumbent will coordinate the technical efforts of prime contractors for the aft components. This includes, but is not limited to, coordination of design changes, interpretation of design and technical requirements, and disposition of CDRL items. The incumbent also coordinates and directs all efforts

of in-house support team (QA, reliability, design/technical, etc.) in investigations, analysis, reviews, audits, and test programs required to resolve production issues and problems with aft components. Technical knowledge of Sidewinder aft components is desirable. Please submit a current SF-171 to Randy Langham, Code 3604, NWC ext. 3643.

**No. 62-012, Electronics Engineer, DP-855-1/2/3, Code 6256** - The incumbent will support range radar systems in operations, maintenance, and development. Knowledge of general digital and analog circuits, radar receivers, and transmitters is desirable. Must have knowledge of design and application of interface of equipment to Data General Computers. Instrumentation radar experience desirable. To apply, send an updated SF-171 to Glen Bray, Code 6256, NWC ext. 4814 or 5872.

**No. 62-024, Electronics Engineer, DP-855-2/3, Code 62552** - The Advanced Systems Branch of the Range Department has an opportunity for a talented engineer who would enjoy participating in the development of complex range instrumentation systems and following that development through to early deployment on the Range. This position requires experience in analog design, control system design, electro-optics, and/or system engineering. Also required is a desire to work with people, to work in a hands-on environment, and to occasionally leave the lab for field work. Our programs are relatively small, and our probability of fielding systems is high. The incumbent will be assigned to work on laser tracking, video tracking, and/or advanced video instrumentation. For more information, contact Bob Harriman, NWC ext. 6337 or send your SF-171 to Code 6255.

## Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below. Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences. Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; and Department Secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

**No. 64-180, Secretary (Typing), GS-318-5/6, Code 641** - This position provides secretarial support to the Head, Recovery Systems Division, with

the added duty of directing and providing back-up support to the division's five branches. Promotion potential to GS-6.

## Recent arrivals and departures

### Civil Service

#### Arrivals

Name	Code	Title
Agagni, Evelyn F.	2502	Clerk-Typist
Defluiter, Evangeline	2611	Clerk-Typist
Dennis, Matthew L.	26436	Electrician (High Voltage)
Harmon, Roy J.	3144	Electronics Technician
McKnight, James E.	3153	Electronics Engineer
Davis, Diane E.	3158	Physicist
Delk, Betty H.	31942	Electronics Engineer
Paulsen, Nolan R.	3247	Mechanical Engineer
Hollingsworth, Alice	3431	Librarian (PS&E)
Newman, Amy M.	3648	Clerk-Typist
Ross, Coy R.	36824	Quality Assurance Specialist
Garza, Alberto	61312	Electronics Technician

#### Departures

Poppen, Gale G.	083	Budget Analyst Supvy.
Grattan, Walter R.	0842	Computer System Analyst
Whalen, Thomas P.	2413	Police Officer
Wilson, Virginia L.	25251	Contract Specialist
Knowles, James K.	2633	Engineering Technician
Schulz, George K.	2635	Facility Management Specialist
Gammon, James A., Jr.	26418	Wood Crafter
Puterbaugh, Kenneth E.	2694	Engineering Technician
Baker, James W.	3145	Electronics Technician
Claunch, Margery C.	3431	Library Technician Supvy.
Lindgren, Janis M.	3527	Engineering Data Mgt. Spec.
Galvin, Robert B.	3553	Electronics Technician
Ham, Stefan Y.	36224	Electronics Engineer
Wisdom, Richard F.	3802	Admin. Officer
Stepro, Gregory A.	3924	Electronics Engineer
Crane, Delbert E.	6182	Electronics Engineer

### Non-appropriated funds

#### Arrivals

Name	Code	Title
Martin, Bradford A.	2211	Food Service Worker
Schwartz, Fairla A.	2214	Package Store Clerk
Richards, Elizabeth M.	2227	Recreation Aid (Lifeguard)
Vanlone, Wendy L.	2213	Waiter (Trainee)
Corbin, Sherric R.	2224	Recreation Aid
Jones, James S.	2226	Marine Equipment Mechanic
Passwater, Elizabeth A.	213	Janitor
Augustine, Margaret A.	2214	Package Store Clerk

#### Departures

Pinnell, Martha L.	2214	Package Store Clerk
Lauer, Janine P.	2222	Child Caregiver
Pryor, Patrice J.	2211	Child Caregiver
Campbell, Prescilla C.	213	Janitor
Collins, Rita A.	2225	Usher
Cooper, Gary R.	2213	Identification Checker

## Tuition support will be limited for CCCC

Due to reductions in overhead budget constraints, the Center will not be able to provide tuition support to employees who enroll in Cerro Coso Community College courses during the summer and fall of 1987. The only exception to this policy will be to pay for courses required by management such as courses pertaining to prejourneyman or co-op training.

Co-op students do not need a DD-Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement). However, they must tell the registrar at Cerro Coso that they are an NWC Co-op student when the registrar.

All other employees enrolling in required courses must submit a DD Form 1556 via department channels to Code 094 at least one week prior to registration. For the May registration, the deadline is May 19.

Code 094 will return the approved DD Form 1156 to employees. Employees must take the approved DD Form 1556 to Cerro Coso when they register in order for NWC to pay for the tuition.

## NWC course cancelled

The following course has been cancelled: **TECHNIQUES OF EFFECTIVE LISTENING; June 17; Wednesday; 0800-1600; Training Center. By B. Barer.**

This course will be replaced by the following two courses: **TECHNIQUES OF EFFECTIVE LISTENING FOR SUPPORT PERSONNEL; July 27 and MEMORY IMPROVEMENT, July 28.**

Advertisements for these two courses will be published.

## CSB classes offered this summer for Business and Administration programs

The following classes are being offered this summer for the Cal-State Bakersfield Business (bachelor's degree) and Administration (master's degree) programs. To enroll in these classes, submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Although training requests will be accepted after the deadline, that date will be used to determine whether the class will be held.

### ADM 600: SEMINAR IN ADMINISTRATIVE MANAGEMENT (5 quarter units)

June 15-July 16; Mondays and Thursdays; 1610-2110 (1-hour dinner break); Training Center. By Professor Marsh, CSB.

Scope: Examination and applications of theories and concepts pertaining to the effective acquisition, allocation, and utilization of resources -- human, financial, and material -- in pursuit of organizational objectives. Deals with the functions of management, including planning, organizing, controlling, directing, and staffing of complex organizations; as well as the processes of management, including leadership, decision-making, and communication.

Note: This is a required course for the MS in Administration and satisfies MPA core requirement of MGT 622: MANAGERIAL AND ORGANIZATIONAL PERFORMANCE or MGT 600: SEMINAR IN MANAGEMENT AND ORGANIZATIONAL BEHAVIOR.

### MKT 300: MARKETING MANAGEMENT (5 quarter units)

June 15-July 15; Mondays and Wednesdays; 1610-2110 (1-hour dinner break); Training Center. By Professor Guseman, CSB.

Scope: A study of the nature and role of marketing in advance economies in a managerial context presented in a lecture, case, and applied format. Analysis of consumer wants, motivation and purchasing power, and introduction to and formulation of optimizing mixes between product pricing, distribution, and promotional variables.

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

### MIS 300: MANAGEMENT INFORMATION SYSTEMS (5 quarter units)

July 14-August 13; Tuesdays and Thursdays; 1610-2910 (1-hour dinner break); Training Center. By Professor McNamara.

Scope: The conceptual background and structure of computer-based management information systems (CBMIS) for functional areas of business including finance, accounting, production, marketing and personnel. Topics include systems approach, information systems life cycle, impact of CBMIS in organization, systems analysis and design and future of CBMIS.

### GENERAL COMMENTS

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

## STAFS affects filing training requests

Since the DD Form 1556 (used at NWC for off-Center training requests) is an input document to the financial system, the implementation of STAFS will cause some changes in the off-Center training request process.

Starting immediately, ALL DD Form 1556s will need the employee's pay number. Enter pay number in block 1 of 1556 as shown.

1. Applicant's name (last-First-Middle Initial) pay number Code  
Indicate preferred title (example - Miss, Mrs., Mr., Ms., LTC, etc.)

Additionally, for those off-Center training requests, which are prepayments, employees will need to file an SF 1164; Claim for Reimbursement for Expenditures on Official Business (available from Telmart). This is due to a change in the way the Disbursing Branch will prepay a vendor for the training. The SF 1164 must be filed with 15 days after completion of the training and must be attached to the Copy 6 of the 1556 (returned to the employee by Disbursing at the time the prepayment is made). Also attach receipts, if obtainable. The SF 1164 needs a division head signature and may be included with the travel voucher and sent to the Travel Branch, Code 0854, who will forward to the Disbursing Branch, Code 0865; or may be sent separately, directly to the Disbursing Branch. If the SF 1164 is not filed by the employee, the money paid to the vendor will be taken out of the employee's paycheck. Implementation of this change must take place for all prepayments made after the implementation of STAFS, currently projected for June 20, 1987.

## Entertainment set for Heritage Week scheduled June 2-5

Outstanding entertainment is scheduled for lunch hours during both the Ethnic Concert in the Park and Western Day of American Heritage Week, June 2 through 5.

The week's activities will begin with an evening program on June 2 at the Enlisted Mess during which the EEO awards will be presented. Outstanding guest speaker for the evening will be Rear Admiral Benjamin T. Hacker, Commander of the Naval Training Center in San Diego. Tickets are \$5 per person and can be purchased at the EEO office.

At Wednesday's Ethnic Concert in the Park, entertainment includes the Dixieland Band, the Union Baptist Church Choir and the Valdivia Mexican Dancers. All military and civilian personnel are encouraged to wear ethnic costumes and all local residents are invited to join with the Center personnel at the celebration.

To add to the fun, food booths sponsored by a variety of Center organizations will sell luscious ethnic foods of all sorts.

Thursday's Western Day entertainment in the same area (and also from 11 a.m. to 1 p.m.) will feature Scotty Broyle's band, Cross Currents, vocalist Emma Cameron, and the Side Kicks, who are Western line dancers. Again, there'll be a wide range of delicious foods sold, this time by community-based organizations.

Capt. John Burt, NWC Commander, will be the speaker at the Friday morning breakfast which will be held at the Enlisted Mess. Tickets for the talk and breakfast are \$4.30.

A film festival will run from 3:30 to 4:30 p.m. each day during the week, featuring a different heritage daily, and training and reading material will be available at the Center library.



## Personnel Development Opportunities

### BASIC CLERICAL FORUM

June 2 and 3; Tuesday and Wednesday; 0730-1630; Training Center. By various NWC codes.

Intended Audience: Clerical and secretarial personnel with less than one year at NWC. Scope: Provides clerical personnel with basic information about NWC. Topics include Training, Supply, processing personnel actions, "prepare with care," Security, overview of equal employment opportunity, naval messages, forms, directives, reports, Payroll, and developing a success attitude.

Note: This course may be used as a review course for clerical and secretarial personnel. If you want to review a particular subject or subjects, please indicate so on your training request.

Deadline: May 19.

### SPECIAL SESSION FOR SECNAVINST 5216.5C

June 18; Thursday; 0900-1100; Training Center. By Odessa Newman, Code 0821.

Scope: A two-hour session to answer special questions about the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. The session will be open to all who write or review Navy memos and serial letters, and will be conducted on a drop-in basis with no paperwork required.

### TRAINER TECHNIQUES

May 19-21; Tuesday-Thursday; 0800-1600; Training Center. By Cartwright and Gallager.

This three-day course is for teachers, trainers, or facilitators who would like to become more effective in leading classes, workshops, or conferences. The emphasis is on skills that encourage the full involvement of "students" in learning situations.

The course covers presentation, coordination, and facilities skills. It also explores ways of setting and maintaining a good learning climate, the importance of visual aids, and the use of activities such as warm-ups. On the second day, each course participant develops and conducts a 20-minute "lesson."

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

### Self-study

#### HOW TO LOSE WEIGHT (5 hours)

This STAYWELL program titled How to Lose Weight offers a no-gimmick approach to safe, gradual, and permanent weight loss. It is designed to help you understand and gradually change your eating and exercising habits to develop healthy new patterns you can live with for the rest of your life.

Rather than a diet, it is a comprehensive program that focuses on behavior and how to change it. To ensure your success, it is recommended that you set aside a regular 45-minute time slot during which to complete each weekly lesson. You will use the convenient, pocket-size booklet provided with your course materials to keep a daily record of the food you eat and the exercise you get.

Method: CA18' Floppy Disk/Workbook

Source: Training Center

Enrollment Form: 12410/73