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70% off!  
Can I borrow the truck again?

Oh, sure! Last time you piled so much stuff in the back, we did a wheelie all the way home.



Some items not available in some stores. Intermediate markdowns may have been taken.

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Jan. 17, 1991

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### Weather Report

	Max	Min	Peak Gusts
Wed.	47	28	6
Thurs.	61	24	9
Fri.	60	29	6
Sat.	---	30	8
Sun.	67	29	10
Mon.	70	28	8
Tues.	68	27	21

### SELRES 'hotline' for sailors, family

Washington (NNS) -- Selected Reserve (SELRES) sailors and their families can now receive help and information through a new action line established at the Naval Military Personnel Command (NMPC).

Chief of Naval Personnel representatives will be standing by to assist Naval Reserve sailors and their families from 6 a.m. to midnight (Eastern Standard Time) at Autovon 286-6415 or collect at (703) 746-6415.

According to Chief of Naval Personnel VAdm. Mike Boorda, the action line was established to meet the unique needs of SELRES family members. "Sected Naval reservists were called away on short notice with no certain date of return from their families, their jobs and their communities," Boorda said. "We need to provide a rapid means to find out about and solve any problems these rapid callups caused."

### Security officials provide briefings on THREATCONS

Representatives of the Naval Weapons Center's Security Division will conduct 30-minute unclassified briefings on terrorist threat conditions (THREATCONS) on Tuesday (Jan. 22) in Room 1000D of Michelson Laboratory.

Briefings will be presented at 7:30, 8:30, 9:30 and 10:30 a.m. and at 1, 2, 3 and 4 p.m.

Information concerning security measures for each THREATCON and the terrorist situation that will require a heightened THREATCON will be provided.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 2, January 17, 1991

## New gas gun was a dream project

How often does one have the rare opportunity to nurture a coveted project from beginning to end? To have full control of design and total responsibility for its completion? To see your dream become reality and continue beyond?

It doesn't happen to many of us, but in the vast world of technology at the Naval Weapons Center it feeds the burning fire of engineers such as Allen Lindfors in the Warhead Dynamics Branch of the Research Department's Engineering Sciences Division. He specifically came to the Naval Weapons Center in 1988 to design and oversee the development of a special two-stage light-gas gun with new capabilities.

On Aug. 31, 1990, the initial firings of his dream marked a new reality and capability for NWC.

"I'm very proprietary about the whole

thing. To be specifically hired to take a project from concept and see it through completion is one whole major step. And then to realize, my gosh, there is still years and years of work to do, is exciting to say the least!" exclaimed Lindfors. The young engineer was instrumental in designing the gun to fit Center specifications and worked with Physics Applications Inc., Dayton, Ohio to ensure final product requirements were met.

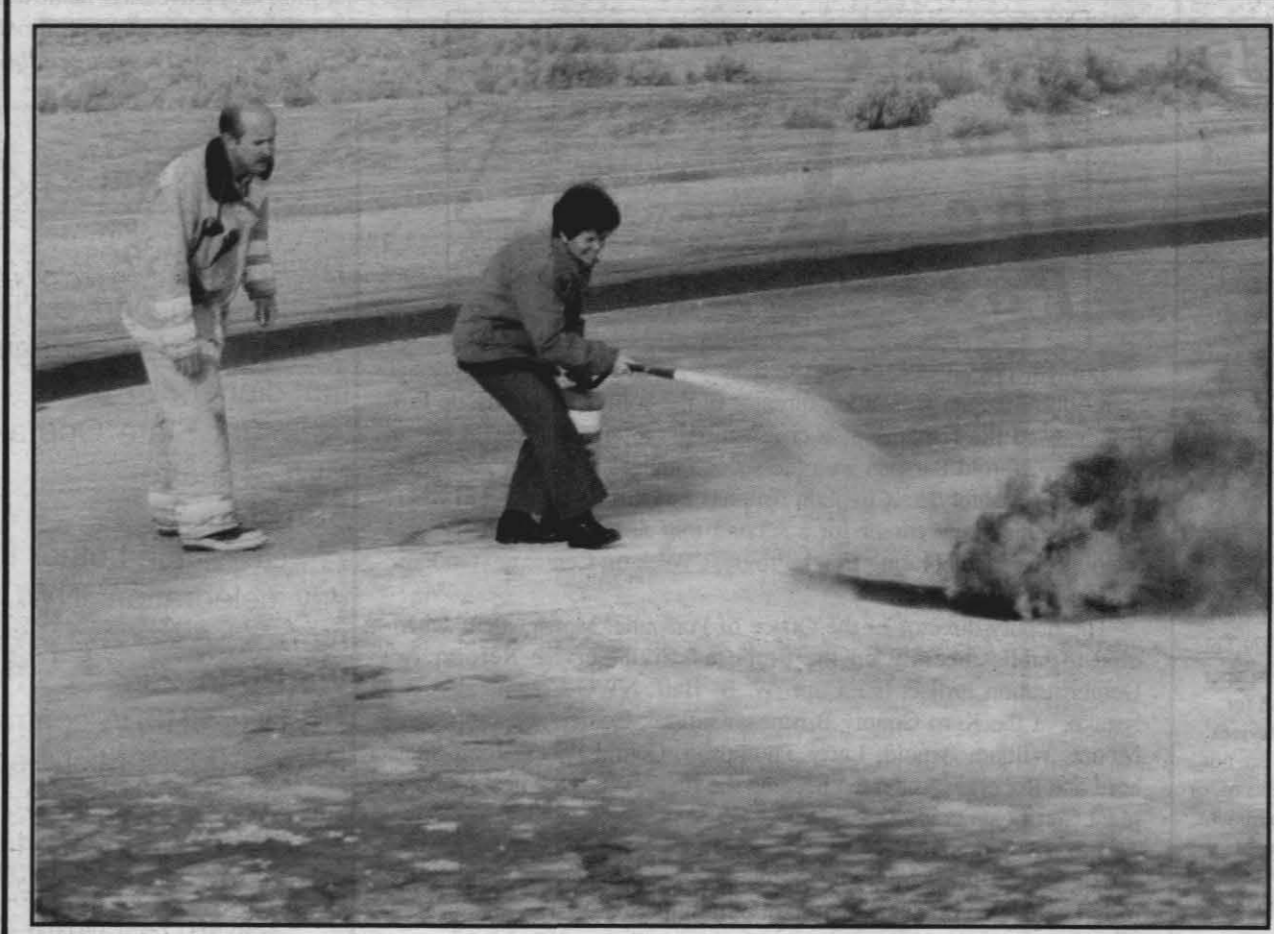
The gun is a vital tool which will provide researchers a better way to study high-speed-impact phenomena. It has the ability to propel objects at high speeds (up to 6 kilometers per second) with precise control and record impact effects of these objects on diverse materials. The various applications of the gun are endless in the weapons-development field. "We're still dreaming up things we can do, the potential is phenomenal! I've been telling peo-

ple, if you think of something you would like to try, give me a call! Come down and look at the gun. We can push a fair amount of mass at very high velocities," stated Lindfors.

Warhead designers, engineers and scientists can obtain valuable information ranging from insensitive munitions impact data based on bullet/fragment strikes to detonation physics and terminal ballistics repeatable impact data.

The gas gun can also assist in related non-defense research, such as investigations of micrometeoroid impacts on man-made objects in space. "Explosively driven fragments or metals travel faster than most guns can fire things," said the engineer, "so at NWC, we want to know what happens when these very high velocity projectiles hit a weapon or aircraft. With this two-stage light-gas gun we

*(Continued on Page 8)*



**FIRE FIGHTING TRAINING--** Members of the China Lake Fire Division recently worked with personnel from Air Test and Evaluation Squadron Five (VX-5) to provide some fire fighting training. Fire Capt. Bob Lemon gave AD1 Lynn of VX-5's Power Plants Division, tips on how to use a fire extinguisher properly. Photo by PH3 Cary Brady

## Chapel hosts Dr. King memorial program

Special observance scheduled to celebrate the memory of the late civil rights pioneer

A special program to celebrate the memory of the late Reverend Dr. Martin Luther King's birthday will be held on Sun., Jan. 20 at 3 p.m. The All Faith Community Chapel, the Naval Weapons Center and the Black Interest Program will co-sponsor this special event.

Rev. Adolphus Cleveland, Pastor, New Beginnings Baptist Fellowship, will be the guest speaker for this celebratory event. His sermon entitled "Enlarging Small Dreams" will reflect on Dr. King's dream of peace and nonviolence in American society where people of

all colors, creeds, and races lived in harmony.

Other participants in this program will include Rev. James A. Thompson, True Love Baptist Church, Rev. Douglas Hearn, Union Baptist Church, and the Union Baptist Church Choir.

All are invited to attend and participate in celebration of Dr. King's birthday life, his Christian principles which fostered brotherly love and to continue his dream of nonviolence and peace. For additional information contact Catherine Rogers, at NWC ext. 3129.

# Commentary

## NWC Rocketeer

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or patronage without regard to race, color, religion, sex, national origin, age marital status, physical handicap, political affiliation, or any other non-merit factor of the purchaser, users, or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising.



## The Skipper Sez...

### QUESTION

I am wondering why Michelson Lab has to be treated like a gym. We are all on contrasting time now and have different lunch hours. We have groups of people who jog on the second floor, they go in groups of four and five at a time. They talk, wear short shorts and get into people's way. We have visitors here at our lunch hour. I know the gym is broken down, but I think we should have more of a professional arrangement here than jogging in the halls. I think it is very inappropriate.

### ANSWER

Your concern about the Center projecting a professional image is appreciated. I, too, want to provide a positive impression to our many visitors, most of whom are our customers. That impression is based on many factors, only one of which is the physical appearance referred to in your comments. Our products and reputation are really the basis of the true impression we hope to give to visitors.

Your points about appearance do have merit and I am asking the



laboratory director to issue guidance on acceptable practices for the walking program within the Michelson Laboratory facility. The guidance will only provide recommendations on acceptable appearance and use of discretion when using the facility for the walking program, recognizing that it is a principal location for conducting the Center's business.

The observation you made will be mitigated by the completion of the Center Gymnasium's rehabilitation and the onset of cooler weather providing outdoor walking venues, but walking in the Michelson Laboratory facility remains an approved wellness activity.

I fully support and encourage employees taking advantage of the noon hour to participate in wellness-related activities because the positive health practices of Center employees are of vital concern to all of us. I believe being aware and sensitive to the official function of the designated walking routes is all that is required to remedy the situation.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. 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 their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

## China Lake Calendar

**Thurs. Jan. 17**  
... Dr. Ron Derr, addresses Indian Wells Valley Council of Navy League, 6 p.m. at the Carriage Inn; dinner at 7 p.m.

... Cal State Opera Theatre ensemble at the NWC Theatre

**Sun. Jan. 20**  
... Dr. Martin Luther King Jr. commemorative birthday celebration, NWC's All Faith Chapel at 3 p.m.

**Wed. Jan. 23**  
... NRL IRFPA contract reviews, 8:30 & 1 p.m., Room 1000D, Michelson Lab.

... Navy-Marine Corps Relief Society Open House, 12 noon, 1811 Lauritsen Road

**Jan. 30**  
... SIGADA Forum, 3:30 p.m. in Room 201 of the NWC Training Center

### Coming Events

March 23-24, Blue Angels Air Show, Armitage Field.

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Fridays publication.

# ROCKETEER CLASSIFIEDS

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged, PER ISSUE, as follows:  
Ads up to 5 lines.....\$3.00  
Ads up to 10 lines.....\$5.50  
Ads up to 15 lines.....\$8.00  
Ads up to 20 lines.....\$10.00  
Ads over 20 lines .....\$10.00 & \$1.00 per line over 20 lines.

## CLASSIFICATIONS

PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. TUESDAY - PRIOR TO THURSDAY PUBLICATION

### 1 PERSONALS

GUITAR LESSONS - Study with GIT Grad and Instructor. Beginners to advanced. 446-6646 Ext. 591.

HEALTH CAREERS OPPORTUNITIES! LEARN MEDICAL SKILLS AND PARTICIPATE IN ON-THE-JOB WORK EXPERIENCE. NO TUITION. BOOK AND EQUIPMENT PROVIDED. CALL 375-1625.

YOU HAVE TO GROW OLD BUT YOU DON'T HAVE TO GROW UP. HAPPY BIRTHDAY NORM BROWN!

### 30 SERVICES

CLOCK REPAIR: Guaranteed work. Specializing in antiques, Grandfather, Cuckoo, Anniversary & Atmos. 375-5511, mornings & weekends.

EDWARDS PAINTING SERVING THE AREA SINCE 1979 CALL FOR AN ESTIMATE. LIC.#427485 375-1439

STATE LICENSED Childcare on base. Two full time, two part time, afternoons. Lic. #150006273. 446-3535.

WINDOW TINTING - Auto, commercial and residential. Call Larry at 446-6612.

### 45 GARAGE SALES

1500 sq. ft. AMERICANA HOME RESALE - 3BR, 2BA, for sale or lease. 346 E. Wilson. Corner lot, fenced, 2-car garage, patio, rear workshop, fireplace. 619-446-4382.

3/4 ACRE WITH MOBILE HOME set up. Natural gas available, city water. \$18,000; \$6,050 down, bal. at 11% for 3 years. 375-1439.

ESTATE SALE, 1-18-91. 10am to 4pm. Furniture, kitchen items, no motion waterbed, washer, dryer, color TV's, VCR's, machine tools al. Canoe, garden tools, '55 Buick Special. 619-446-4382.

### CHINA LAKE G-Range

POLAR is intending to bid on the upcoming G-Range Operations and Maintenance Contract. Seeking individuals with current G-Range experience for employment. Senior supervisory and COMSEC personnels, now is your opportunity for job advancement. Submit resume in confidence ASAP to:

Polar Products  
Attn: Charles Macintosh or John Keen  
1685 Inyokern Rd.  
Ridgecrest, CA 93555  
446-6551

For Advertising Rates And Information, Call 375-4481 And Ask For Advertising

### 20 RENTALS

1 BDRM., 1 BATH  
Walk in closet/refrigerator  
\$395/month  
ERA Vaughn Realty  
446-6561

### 35 AUTOMOTIVE

'77 Volkswagen Campmobile. Good condition - \$2,375. 371-3375.

'78 Ford LTD Station Wagon - needs attention. \$600/OBO. 371-3375.

1987 FORD TAURUS LX - LOADED, low miles. \$9,000 OBO. Call 371-1630 days, 446-1327 eves.

CAMPER SHELL & CARPET KIT with custom radio and boot. Fits '79 to '86 Dodge D50 Pickups. \$300. 446-7595.

### 40 MISC. FOR SALE

FOR SALE - Double stroller, excellent condition - \$60. Call 446-4432.

MARY KAY Consultant Kit - Only used a few times. Great for extra demo tubes or mirrors. \$50/OBO. 446-6239.

NACO/TT Membership. Great for people who love to camp and travel. All we ask is that you take over payments. 446-6239.

### 45 GARAGE SALES

DRIVEWAY SALE! Sat. 8:30 - 1:30. 901 Young Circle.

### 50 PETS/SUPPLIES

BLUE RIBBON GROOMING. Professional and Self-Service Pet Care Center. 375-5048.

RECYCLE A GREYHOUND, retired racers looking for homes - call 377-5765 for details & application - LEAVE MESSAGE.

### 55 REAL ESTATE

HERITAGE VILLAGE - 2BR., 2BA, 1350 sq. ft., 2.5 years old, beautifully landscaped yard, club house, pool, spa, tennis courts. Call 446-6352.

### NWC Rocketeer

The 'voice' of NWC for all of China Lake Community.

For more information or to place a display ad call 375-4481

The deadline for display ads is Mon. 4 p.m.

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Call 375-4481 To place your Classified Ad in The Daily Independent

MILITARY 100% APPROVED!

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**\$200 GIFT CERTIFICATE & A FREE VACATION WITH EACH CREDIT LINE!**

As Seen On Television!

**LOANS! NO TURN DOWNS! LOW MONTHLY PAYMENTS!**

**FREE DETAILS! CALL 1-803-272-1378**

SHOP WORLDWIDE • GET INSTANT CREDIT AND BEAT THE CHRISTMAS RUSH!

## Twenty-six recipients utilizing NWC's Leave Transfer Program

(Continued from Page 20)

Patricia Jaime, Editorial Assistant, Code 3647 -- is undergoing medical treatment and is in need of leave.

Madeline Kay Blackston, Computer Security Specialist, Code 6447 -- is required to care for her husband who has terminal lung cancer.

Cheryl Mosley, Secretary, Code 3217 -- is in need of leave to care for her son who underwent surgery.

Lorraine Gunther, Supervisory Mathematician, Code 303 -- underwent emergency surgery and is indebted for leave.

Jo Miller, Mathematician, Code 3191 -- is in need of leave

due to multiple medical problems.

Tamera Nelepovitz, Electronic Technician, Code 3573 -- is experiencing severe complications due to dependent diabetes and is indebted for leave.

Karen Linard, Industrial Engineer, Code 3291 -- underwent major intestinal surgery and is in need of leave.

Polly Bainbridge, Secretary, Code 3922 -- is currently undergoing medical treatment and is indebted for leave.

George Petty, Physicist, Code 3924 -- was admitted to the Duke University Hospital on an emergency basis with the diagnosis of acute myelogenous leukemia.

Satik Martinsen, Management Assistant, Code 36402 -- is diagnosed as having nodular sclerosing Hodgkin's Disease and is currently undergoing treatment.

Jay W. Hill, Code 6421, Electronic Technician - is being treated for pneumonia and valley fever and is indebted for leave.

Leave Donation Form  
Complete and send to Code 221

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

Code: \_\_\_\_\_

I wish to donate \_\_\_\_\_ hours of my annual leave to:

I have attached a copy of my last leave and earning statement.

Signature \_\_\_\_\_ Date \_\_\_\_\_

### CSUC and CSUN offer a variety of spring classes

Classes for California State University, Chico (CSUC), Computer Science Program (bachelor's or master's degrees) at the Naval Weapons Center begin soon. Classes being offered are: CSCI 152: Operating Systems Programming; CSCI 222: Expert Systems and Applications; CSCI 311: Software Design; CSCI 380: Digital System Design; CSCI 320A: Digital and Analog Transform Theory; and MATH 477: Theory of Probability.

Classes for California State University, Northridge (CSUN), Engineering Program at NWC also start soon. Classes being offered include EE 461N: Digital and Data Communications Systems; EE 569N: Advanced Topics In Communications/Radar; ME 501B: Seminar in Engineering Analysis; ME 594C: Seminar on Turbulence; IE 507C: Seminar in Industrial and Systems Engineering (Simulation); AM 542: Finite Element Method in Mechanics and MATH 477: Theory of Probability.

Anyone interested in knowing more about these classes, or who would like to register, should call Cecil Webb at NWC ext. 2648.

**NWC HOTLINE**  
Integrity, efficiency program  
Call: NWC ext. 3636 (24 hours)  
or call the Inspector General at:  
(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 443-6743 (commercial)

### The Visual Display of Quantitative Information

The book is better than its reviews and the reviews are not bad...

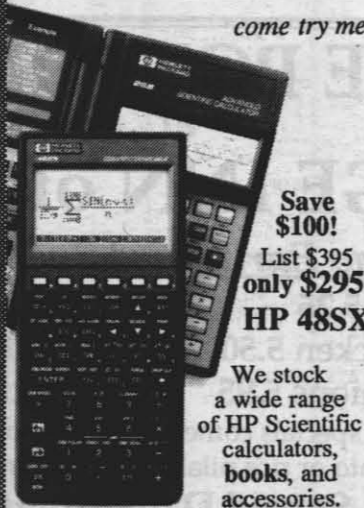
"One of the best books you'll ever see." *Datamation*  
"The century's best book on statistical graphics." *Computing Reviews*

"A visual Strunk & White." *Boston Globe*  
"The visual style book." *Whole Earth Catalog*

250 illustrations of the best (and a few of the worst) statistical charts, graphs & tables with detailed analysis of how to display quantitative data for precise, quick, and effective analysis. In stock. \$36.

Computing Technology's  
**Computer Store**  
251 Balsam 375-5744

### HP Calculators for science & engineering



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**HEWLETT PACKARD** calculator dealer

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- LIGHT OR DARK
- FREE DELIVERY
- FREE SET-UP

**PRICED TO SELL**

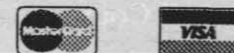


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(619) 375-2625 Layaways



414 West Ridgcrest Blvd.

# Military News

## China Lakers join active duty force

To a military community, the events of Operation Desert Shield are of fundamental interest. It's probably safe to assume NWC is no exception, especially since two of our own are staunchly toiling away to maintain the flow of goods and people through the increasingly critical funnel called NAS Sigonella.

The two, members of the Center's reserve support unit NWC-0176, have spent the last few months on active duty in support

of Desert Shield operations.

Assigned to the Operation Desert Shield Reserve Support Group Sigonella, SKC Annie Andersen and SK2 Phyllis Dowd are helping to lighten the increased workload caused by Desert Shield deployments. Chief Andersen and Petty Officer Dowd work with their active duty counterparts at the NAS. According to an Advance Base Functional Command officer there, "the only way to tell the differ-

ence between active duty and reserve personnel is by the different name tags they wear on their uniforms."

A transient port for military units from all over the world, Sigonella's active duty force was amplified by the smooth activation and integration of approximately 252 reservists into the supply and administration departments, the galley, aircraft operations and security.

"We have always had a good

relationship with the reserves," said Lt. Larry McGuire, Materials Control Officer for the NAS Sigonella Supply Department. "They are highly trained and motivated people who come here to support us in activities -- whether it is through special projects or helping us get rid of our backlogged work caused by Operation Desert Shield."

Chief Andersen is serving as liaison between the Air Force and the Navy at the air freight termi-

nal. She and her crew work "night check," keeping supplies moving through the darkness.

Petty Officer Dowd helps handle the multitudes of people flowing through the passenger terminal.

The women, who have been extended through February, say that though they must fight homesickness, they are proud to be a "part history in the making."

by JOC Carolyn A. Dettling

## Eight NWC reservists deploy to Operation Desert Shield



**DESERT SHIELD** -- Eight members of the Naval Reserve NWC Support Unit 0176 were tapped on the shoulder by Uncle Sam for 180 days active duty and are now on their way to do their part for Desert Shield. From left; AOAN Brian Elliot, who will report aboard the *USS Nimitz*; AO2 Harry Speegle, whose destination is the *USS Tarawa*; AMSC Theron Day, bound for F/A-18 Squadron VFA-192; ATC Bill Oberg, assigned to the *USS Ranger*; and AE3 Jack Graham, shipping out to E-2 Squadron VAW-115 for carrier airborne early warning duty. Not pictured are three unit members who will be reporting to the *USS Independence*. They are ADC Ron Mortimer, AO2 David Mesa, and AO2 John Trowbridge. Photo by JOC Carolyn Dettling

## CHAMPUS offers newly eligible families benefits

The latest call-up of reservists and National Guard members means that more active-duty service members' families are newly eligible for CHAMPUS benefit. If activated military sponsor is ordered to duty for more than 30 consecutive days, his or her family members may get civilian health care under CHAMPUS, beginning with the first day of the active-duty period. In order to receive CHAMPUS-covered health care benefits, the family members must present one of the following to whoever verifies CHAMPUS eligibility at a health care provider's office:

- A red Guard/Reserve Dependent ID card from one of the services (its an acceptable substitute for the DD Form 1173-1), with a copy of the sponsor's active-duty orders; or
- A tan Uniformed Services Identification and Privilege Card (DD Form 1173); or
- A completed and approved Application for Uniformed Services Identification Card--DEERS Enrollment (DD Form 1172), with a copy of the sponsor's active-duty orders.

Reserve and National Guard family members are enrolled the Defense Enrollment Eligibility Reporting System (DEERS) when sponsors are activated by the services, and when a family member's individual entitlement is validated.

If you're a member of an activated reservist's family, and are filing a CHAMPUS claim, you can help prevent delays in processing by including a copy of the active-duty orders; or a copy of the tan ID and privilege card.

For more information call the DEERS Beneficiary Telephone Center at 1-800-334-4162.

## ALL HANDS

- Iowa returns to familiar role
- Puerto Rico recovers from Hugo
- Seeing the world: port call Vladivostok
- All Hands photo contest winners

Look for the January All Hands -- it's your magazine.

# Navy's first female Skipper takes command

Aboard *USS Opportune* (NNS) -- The crew of the rescue and salvage ship *USS Opportune* can no longer refer to their skipper as "the old man."

LCdr. Darlene M. Iskra became the first female commanding officer of a Navy ship Dec. 27, relieving Cdr. Edgar J. Jones. The Little Creek, Va.-based ship entered into the history books while pierside in Naples, Italy.

"This is just another milestone showing the rapid progress and widespread contributions of Navy women," said Chief of Naval Personnel VAdm. Mike Boorda. "We're running out of 'firsts' quickly, and soon these kinds of assignments will be routine for women." Boorda noted other milestones for Navy women in the past years, including the first to take command of an operational aircraft squadron, the first two women in command Naval stations, and the first women reporting as command master chiefs afloat.

A 34-year-old San Francisco native, Iskra entered the Navy in 1979 through Officer Candidate School -- the same year *USS Vulcan* made the Navy's first deployment with female sailors aboard. Iskra, a special operations officer, was among the first group of women to graduate from the Naval School of Diving and Salvage in 1980.

The Navy first authorized women to serve aboard ship

in 1978. The 13 years it took to produce the first female skipper is just about right, according to Iskra.

"Being in command of a ship takes a lot of experience and training," Iskra said. "You can't take someone who has only been in the Navy for two or three years and put them in a commanding officer position. You have to grow them."

For the Navy, her assumption of command is history. For Iskra, it's just another part of her career path. "This is right on track for me," she said. Her previous two tours were as executive officer of the rescue and salvage ships *USS Hoist* and *USS Preserver*. Having spent 10 of her 12 years aboard ship, Iskra feels that sea time was an important factor in her selection -- that, and being aggressive. In 1983, while she was assigned to shore duty in Coronado, Calif., the navy opened more sea billets for women and Iskra jumped at the chance.

"I had to stomp on my detailer's desk and say, 'I want a ship,' because I knew if I didn't terminate shore duty and go back to sea, I was never going to be where I am now," Iskra said.

Being the only woman aboard *Opportune* is made easier by the fact the CO has a private stateroom and head. Unlike other Navy ships

that were reconfigured to accommodate women, the 40-year-old *Opportune* was designed for an all-male crew. With Iskra at the helm, *Opportune's* mission is to salvage; provide lifting capability; patch; float; fight shipboard fires; and repair and tow ships which have been damaged, stranded, beached, sunk or abandoned at sea.

Iskra is aware that her 100-man crew will have to adjust to saying, "yes, ma'am" instead of "yes, sir," but is confident the adjustment will be a smooth one.

"I don't think some of the guys are used to a female CO," Iskra said. "They'll soon find out that it doesn't matter."

VAdm. Boorda added that the ongoing Navy women's study group is reviewing the progress of Navy women and considering ways to enhance their career opportunities and quality of life in future years.

The study group is making its final visits to Navy commands this month and is expected to present findings, conclusions and recommendations to Navy leadership in early February.



## Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1006 Blandly)	12 (noon)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dobb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher	
Jewish	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandly)	3:00-5:00 p.m.
Religious Education (Sunday at 1004 Blandly)	9:00 a.m.-12 noon
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT. CHC, USNR	
Andy Busch, Student Rabbi	
Hearing Impaired Equipment, Nursery Available	
Phone NWC ext. 3506, 2773, 2873	

## "Glad you asked" column answers Navy questions

Each month, the Navy Resale and Services Support Office provides answers to a series of the most commonly asked questions in areas such as Navy Exchanges, Commissaries, Ships Stores, Navy Lodges and uniforms. The Navy Uniform Program is the subject of the "Glad You Asked" column.

**Q. Is the new women's Service Dress White Jumper uniform available at Uniform Shops?**

The women's service dress white jumper top and slacks are now available as optional items at Navy Exchange Uniform Shops and through the Uniform Support Center. The cost for jumper and slacks is \$24. The cost of the jumper and skirt is \$22.70.

**Q. What if a uniform item purchased at the NEX is defective or unsatisfactory?**

All NEX merchandise is covered by the 100% Customer Satisfaction Guaranteed policy. Refunds, replacements, or a satisfactory adjustment will be made on any defective garment. The satisfaction guarantee applies to mail-order uniforms as well, which may be returned at any Navy Uniform Center. After the refund or adjustment is made on a defective item, a report is generated as part of an overall quality control program to ensure that manufacturers correct any deficiencies in the items they produce.



**PRIDE AND PROFESSIONALISM --** Center Commander, Capt. Douglas W. Cook, presents the Navy Commendation Medal to AXCS Robin Lee Adamson for superior services while attached to Helicopter Anti-Submarine Squadron, Light Thirty-five from January 1989 to October 1990. While attached to the command he served as quality assurance supervisor, Detachment Ten Chief Petty Officer, maintenance control supervisor and Command Senior Chief. The citation letter praised him for his extensive knowledge and leadership skills which contributed to the command receiving 'excellent' marks in his area for a command evaluation. Adamson is division officer for NWC's Aviation Intermediate Maintenance Department, Code 6122. Joining in the award ceremony is Adamson's wife Glenda.

Photo by PH3 Cary Brady

# Community Events



Don't miss the Indian Wells Valley Franz Lehar's *The Merry Widow* performed by the Cal State Opera Theatre ensemble **Thurs., Jan. 17**, at the NWC Theatre. A fully staged production, with orchestra, of the operetta in its traditional version will be performed in English.

From **Jan. 12 through Feb. 13**, Etta Deikmen's colorful and dynamic paintings will be shown in the Maturango Museum's Sylvia Winslow Exhibition Gallery.

On **Jan. 22**, Jay Wilbur will give a slide show program of some of the most interesting natural arches and bridges on the nearby Colorado Plateau. The show will begin at 7:30 p.m. at the Maturango Museum.

Wilbur is co-founder of the Natural Arch and Bridge Society and editor of their newsletter, *SPAN*. He has written a number of magazine articles on the subject.

Two 55/Alive Mature Driving Classes are set for the latter part of January. One will be held on **Jan. 24 and 25**, from 10 a.m. to 3 p.m. with an hour off for lunch. The second class will be held on **Jan. 25 and 26**, from 6-10 p.m. Both classes will be held at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd. To enroll, make a check to American Association of Retired Persons and mail to coordinator Bill Davis, 235 Apache Lane, Ridgecrest.

## CLOTA sets auditions for *Nuts*

Community Light Opera and Theatre Association (CLOTA) will hold tryouts **January 21, 22, and 23** for *Nuts*, a fast-paced dramatization of a judicial hearing that crackles with theatrical fireworks. Auditions will begin at 7 p.m., each evening in the CLOTA Building, 1425 N. Inyo.

Director Reno Venturi is seeking nine performers to act out the play's spirited contest of wills to determine whether a defiant young woman accused of manslaughter is mentally competent to stand trial. The roles span a challenging gamut of personali-

ties, from the defendant's upper-middleclass mother and stepfather to a psychiatrist whose intellectual "blinders" may prevent him from recognizing a patient's essential individuality.

Sparks are constantly between two dueling attorneys with sharply contrasting approaches to their legal calling. Three courtroom professionals complete the cast; a knowledgeable judge, a seasoned bailiff, and a strictly-business court recorder.

Venturi says the playwright, Tom Topor, has delineated the characters in a way that allows

him to consider some roles with either a man or a woman. Character ages range from the 20s through the 60s.

CLOTA has placed a perusal copy of the script in the Kern County Branch Library.

Rehearsals will start **Mon., Jan. 28**, leading to opening night in the Burroughs Lecture Center **March 15**.

Director Venturi invites people desiring more information to contact him at 375-6387.

By Bill Blanc

## Put on your dancing shoes for the Green and White Ball

Don't miss *Big Band Express* playing at the Green and White Ball on **Jan. 26**, from 8-11 p.m. at the NWC Seafarer Club.

The Burroughs High School Band Boosters and the Swingtime Dance Club are sponsoring the event.

The 22 piece band will be playing the big bands sounds of Glenn Miller, Count Basie and Tommy Dorsey.

The band offers a variety of music to dance

including the foxtrot, waltz, swing, tango, rumba, and cha-cha.



Dinner will begin at 6:30 p.m. For reservations, call Jim McLane at 446-2571 or Monica Ricker at 446-7126 no later than **Jan. 21**.

This special event is a Burroughs Bands uniform fundraiser, and all profits go toward replacing the uniforms for the

Burroughs High School bands.

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### Co-workers need extra annual leave hours due to medical emergencies

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

**Mildred Haywood, Secretary, Code 6531** -- is in need of leave due to back injuries sustained in a car accident.

**Barbara Miller, Fiscal Accounting Clerk, Code 2855** -- underwent surgery and is in need of leave.

**Maryann Hiser, Engineering Data Management Specialist, Code 36542** -- will be undergoing major surgery and is in need of leave.

**Betty Cirotski, Procurement Assistant, Code 31B1** -- is undergoing treatment for an acute staph infection in her surgically replaced hip. She will be unable to work for three months.

**Deborah Ann Ball, Computer Scientist, Code 3922** -- underwent abdominal surgery and is in need of leave.

**George J. Wiederhold, Electronics Technician, Code 6236** -- has been hospitalized for two months due to severe depression.

**Jeff Bailey, Computer Scientist, Code 3142** -- needs to take care of his wife, who is hospitalized for at least five weeks and take time off for their family.

**Barbara J. Bennett, Secretary, Code 308** -- had arthroplasty and needs to be off work for three months. She is indebted for leave.

**Ernest Bigelow, Reliability Engineer, Code 3686** -- is giving full time care to his wife, who is critically ill.

**Thomas Boyd, Visual Information Specialist, Code 3414** -- is off work and indebted for leave due to osteomyelitis of the spine.

**Leo Montano, Visual Information Specialist, Code 3441** -- is undergoing further cancer treatment and is in need of leave.

**Marlene Nelson, Paralegal, Code 006** -- underwent unexpected emergency surgery and is in need of leave.

**DeWayne Davis, Engineering Technician, Code 3665** -- underwent surgery and is in need of leave.

**Linda Lou Crosby, Television Production Specialist** -- had knee surgery and is undergoing physical therapy.

**Barry A. Smith, Electronics Engineer, Code 3931** -- is experiencing symptoms of meningitis and is indebted for leave.

(Continued on Page 22)

### Qualified applicants being sought

(Continued on Page 20)

send an updated SF-171 to J. Crittenden, Code 3576, ext. 1061. Ad amended to include mathematician series. Previous applicants need not reapply.

**No. 39-059, Interdisciplinary General/ Electronics/Electrical/ Aerospace/Mechanical Engineer, DP-801/855/850/861/830-2/3, Code 39B10** - This position is that of Component Manager, located in the Sidewinder Program Office, Intercept Weapons Department. The incumbent will be the focal point for all NAVWPNCEN activities related to the Sidewinder rocket motor, warhead,

wings, and fin production. The incumbent shall remain informed and aware of production status of all assigned components as well as the reliability, quality, and technical issues of each component. Ability to work effectively as a team member in resolving issues; ability to prepare reports and presentations; ability to implement changing requirements and specifications; ability to interface with all levels of management including both government and contractor management is desired. Promotion potential to DP-3, but not guaranteed. To apply, send SF-171 to Karen Higgins, Code 39B10.

### 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 applications 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. 35-003 Secretary (Typing) DG-318-1/2, Code 3515** - This position is located in the Harm Software Branch, Attack Weapons Department. Incumbent will provide secretarial support to the branch. Ability to use the Macintosh PC is desirable, but not required. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DG-2, but not guaranteed. Area of consideration is limited to the 03 Directorate.

**No. 38-002, Secretary (Typing), DG-318-3, Code 38** - The incumbent will provide secretarial support to the Associate Department Head and Head of Staff in the Research Department. Must have knowledge of Naval correspondence; must be able to prioritize and schedule a complex workload; must demonstrate positive interpersonal skills and be able to interact with all levels of per-

sonnel; experience on a Macintosh desirable. The full performance level of this position is DG-3. The area of consideration is the 03 Directorate.

**No. 39-055, Secretary (Typing), DG-318-2/3, Code 39B11** - This position is open to current 03 employees only. This position is located in the Intercept Weapons Department, Standard Missile Program Office. Incumbent will provide secretarial and administrative support to Head, Standard Missile Program Office and staff. Knowledge of NWC operations and regulations is desired. Ability to deal effectively with all levels of personnel is highly desired. Knowledge and experience with the Macintosh PC is desired. Must be able to obtain and maintain a Secret Clearance. Promotion potential to DG-3, but not guaranteed.

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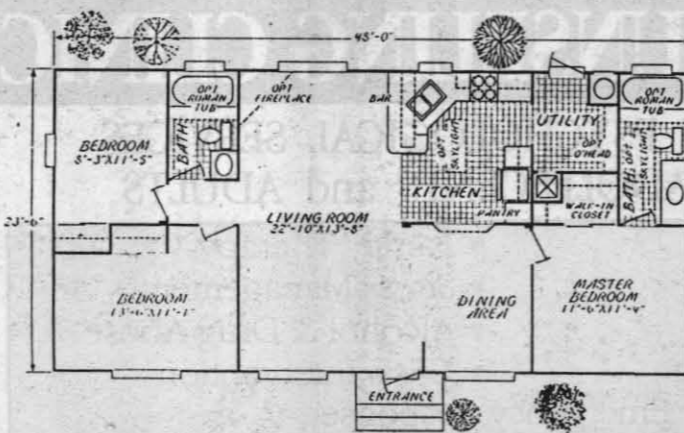
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## Team effort restores printed board lab

### Galley plays vital role following early January blaze

"Without the outstanding support and cooperation from the Navy Enlisted Galley, we could not have recovered from the fire so quickly," said Roger Nickell, head of the Engineering Department's Printed Wiring Board Laboratory. Nickell also praised the employees in the branch for their hard work in cleaning and restoring this Naval Weapons Center lab to full operations.

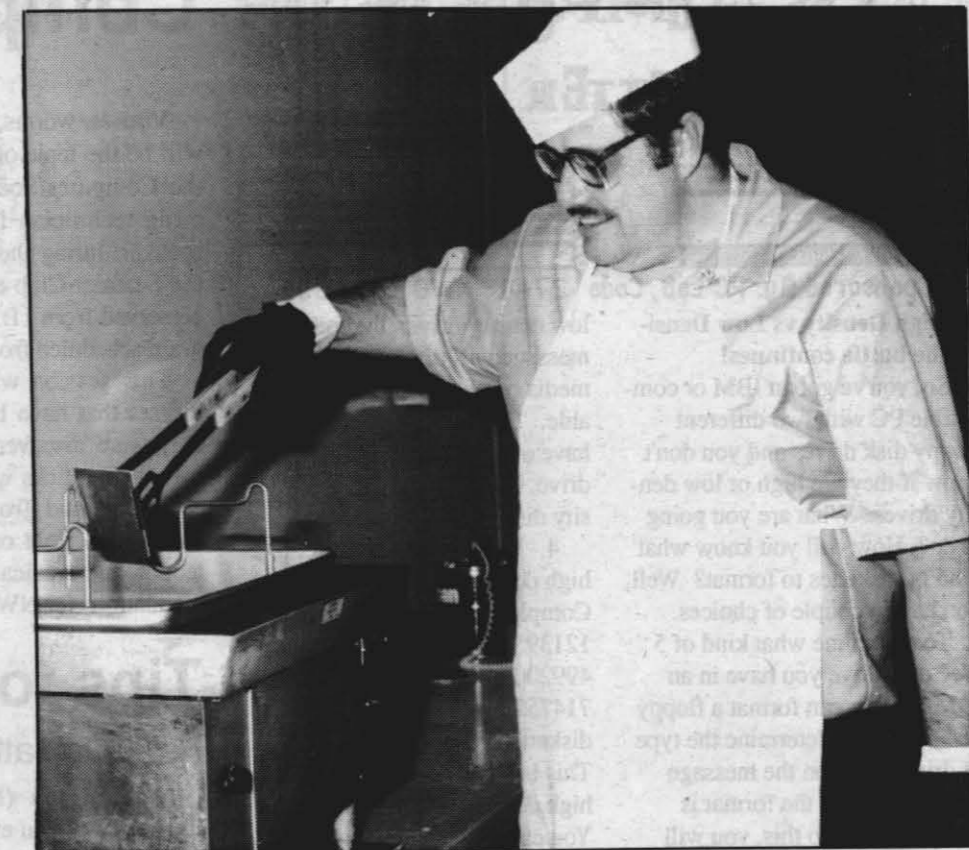
The fire in one room of the lab on Jan. 4 destroyed equipment used in the solder reflow process. Nickell noted an apparent electrical short resulted in a beeswax fire. The fire was confined to the reflow process equipment, and an exhaust system used to vent fumes from the hot wax.

In just three working days, the lab was back to full operation. "We haven't lost any capability because of the fire," commented Nickell. The NWC Galley was going to surplus an old deep fat cooker

used for french fries, a piece of equipment the lab was able to use as a temporary replacement. "It is big enough to handle our largest pieces," said Nickell. The only change necessary was a switch from beeswax to soldering oil for the reflow process. Without this assistance from the Galley, the lab could have been out of operation much longer while replacement equipment was obtained.

When new equipment is obtained to replace the 20-year-old technology destroyed in the fire and the temporary fix, Nickell noted there will be changes and improvements implemented to minimize the chance of a similar accident occurring again.

"I want to reassure our customers that we are fully operational and fully capable of doing all the work we handled before the fire," added Nickell.



**NEW EQUIPMENT**--Rick Breitengrass of the Printed Wiring Board Laboratory demonstrates how a french fry cooker turned solder reflow process device works. Breitengrass was instrumental in obtaining the excess french fry cooker from the NWC Galley following the early January fire. TID Photo

### Three veteran China Lake employees honored with retirement parties this week

Today (Thursday) is the deadline to make reservations for **Robert L. Leighton's** retirement party. After 42 years of federal service he retired as of November 30. The no-host cocktail party (\$5 per person) in his honor is set for 6 p.m. Jan. 25 at the Seafarer

Club. For reservations, contributions or presentation scheduling please call Tracey at NWC ext. 6327 or Lisa at NWC ext. 6045 by COB today.

\*\*\*\*  
**Ray A. Miller, Code 327** is retiring after 33 years federal ser-

vice. A farewell party is set in his honor on Jan. 24, 6 p.m. at the Seafarer Club. A no-host bar will be open and heavy hors d'oeuvres will be served (\$5 per person). Reservations must be made by close of business tomorrow (Friday). For reservations, contribu-

tions of presentation schedule, please call Joan at NWC ext. 7210 or Marie at NWC ext. 7214/7359.

\*\*\*\*  
After 45 years of federal service **Joseph F. Mattis** is retiring from the Naval Weapons Center.

A farewell celebration will be held on Jan. 25 in the Fossil Falls Ballart Room of the Kerr McGee Center. Beer and heavy hors d'oeuvres will be served (\$7 per person). For reservations please call Cheryl at NWC ext. 7654/7409.

## Test pilots reunion scheduled at NATC

Patuxent River-- The 43rd annual reunion and symposium of the U.S. Naval Test Pilot School will be held on April 27 in the Cedar Point Officers' Club, NATC Patuxent River.

About 500 alumni and guests are expected to attend the gathering which features presentations on current aeronautical topics as well as updates on major test and evaluation projects at the Naval Air Test Center. Cdr. T.J. Bensen, TPS director, will host the event. Lt. M.G. Feuerstein is the reunion coordinator.

To receive invitations, TPS alumni, who haven't recently been in contact with the school, are asked to send their current mailing addresses to: Reunion Coordinator, U.S. Naval Test Pilot School, Naval Air Test Center, Patuxent River, MD 20670-5409 or contact the alumni clerk at (301) 863-4107 or AUTOVON 356-4107.

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## Computer Society: Viruses, worms and more discussed at next meeting

Viruses, worms, Trojan horses and other beasts will be the topic of the next China Lake Chapter of the Computer Society. Sharon Hicks, a programming technician from Boeing, will be the guest speaker during the Jan. 22 meeting. Being held at the Seafarer Club on Blandy Avenue, luncheon will be served from 11:30 a.m. to 12 noon, with the program scheduled from noon to 1 p.m.

This session will focus on personal computer viruses that have been discovered at NWC -- how they were discovered and the steps taken to eradicate them. Hicks will discuss what computer viruses, worms and Trojan horses are and how they are transmitted from one system to another. Virus protection and eradication software, along with recommendations for NWC users will be reviewed.

As a programming technician the Personal Computing Lab at NWC for Boeing Computer Support Services, Hicks provides software support, system configuration support, system performance optimization, trouble shooting and recommendations for hardware and software purchases. She is the NWC focal point for virus incidents and was instrumental in forming the Virus Incident Response Team (VIRT) at NWC. She has worked in the Personal Computing Lab for the past three and a half years and has worked with both the Macintosh and IBM compatible personal computers for the last nine years.

For more information about the China Lake Chapter of the Computer Society, or about the luncheon, call Stephen Wersan at NWC ext. 1392.

## Tips for guarding against mail bombs

Few such attacks are made but there is potential for death or injuries

Washington (NES). . .The likelihood of you ever receiving a bomb in the mail is remote. Unfortunately, however, a small number of explosive devices have been mailed over the years, resulting in deaths, injuries and destruction of property.

Keep in mind that a bomb can be enclosed in either a parcel or an envelope, and its outward appearance is limited only by the imagination of the sender. However, mail bombs have exhibited some unique characteristics that may assist you in identifying a suspect mailing. To apply these factors, it is important to know the type of mail normally received by your organization.

Mail bombs may bear restricted endorsements such as "personal" or "private." This is important when the addressee does not normally receive personal mail at the office.

The addressee's name and/or title may be inaccurate.

Mail bombs may reflect distorted handwriting or the name and address may be prepared with homemade labels or cut-and-paste lettering.

Mail bombs may have protruding wires, aluminum foil or oil stains and may emit a peculiar odor.

Mail bombs may have an excessive amount of postage stamps affixed.

Letter-type bombs may feel rigid, appear uneven or lopsided.

Parcel bombs may be unprofessionally wrapped with several combinations of tape used to secure the package and may be endorsed "Fragile: Handle With Care" or "Rush: Do Not Delay."

Parcel bombs may have an irregular shape, soft spots or bulges.

Parcel bombs may make a

buzzing or ticking noise or a sloshing sound.

Pressure or resistance may be noted when removing contents from an envelope or parcel.

If you are suspicious of a mailing and unable to verify the contents by address or sender:

- Do not open the article.

- Isolate the mailing and evacuate the immediate area.

- Do not put in water or a confined space such as a desk drawer or filing cabinet.

- If possible, open windows in the immediate area to assist in venting potential explosive gases.

- If you have any reason to believe a letter or parcel is suspicious, do not take a chance or worry about possible embarrassment if the item turns out to be innocent. Instead, contact the Naval Weapons Center Police at NWC ext. 2709 for professional assistance.

## Openings available at NWC

(Continued from Page 18)

**No. 62-045, Electronics Technician, DT-856-1/2/3, Code 62511-** This position is located in the Computer Operations Section of the Computer Systems Branch, Data Systems Division, Range Department. Incumbent will assist in the operation and maintenance of the Range Control Center Integration and Processing Systems (RIPS), a major range instrumentation system. This center supports many aspects of range testing and is crucial to controlling tests and providing data to range customers. Incumbent will provide technical support to this system; operate, maintain, and repair large sophisticated computer systems including peripherals; and gain familiarity with video systems and data interfaces. **Job Relevant Criteria:** Ability to develop and interpret schematics and engineering drawings; skill in operating computer systems; ability to maintain, calibrate, and troubleshoot electronic equipment; knowledge of communications systems; knowledge of NWC test range operations. Promotion potential to DT-3. Previous Applicants Need Not Reapply.

**No. 64-005, Supervisory Interdisciplinary (General/Electrical/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/850/855/861/1310/1515/1520/1550-3/4, Code 6449-** \*Please note changes\* This position is that of Head, Data Products Branch, located in the EWTES Division, Aerosystems Department. As Branch Head, the incumbent will direct a multi-disciplined staff which provides software development, maintenance, and related test data processing support to EWTES. This includes C/C data products, missile, and AAA software simulations. The work schedule is "First Forty" hours. The incumbent may be required to serve a one year probationary period. **Job Relevant Criteria:** Ability to develop and maintain off-line software for test data; ability to do analysis and preparation of test data products; ability to give direction, coordination, and management responsibilities to the branch's activities; knowledge of NWC EEO goals and objectives; ability to support NWC EEO goals and objectives. Promotion potential to DP-4, but not guaranteed.

### 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 applications 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. 28-035, Computer Scientist, DP-1550-2/3, Code 28411-** This position is located in the Financial Applications Programming Section, Financial Systems Branch, Financial Information Systems Division, Office of Comptroller. The incumbent provides computer systems analysis and programming support for data processing applications within Code 28. The incumbent analyzes requests for ADP services, performs feasibility studies, develops alternative solutions, and presents recommendations. The incumbent performs system design, develops data bases and application software, prepares documentation, and trains end users for administrative computing applications on minicomputer, mainframe and personal computer systems. The incumbent drafts specifications for programming tasks assigned to contractor personnel and monitors performance of those tasks. Full performance to the DP-3 level. To apply, send an updated SF-171 to Larry Hail, Code 2841, NWC ext. 6515.

**No. 35-017 Interdisciplinary General Engineer/Computer Engineer/Operations Research Analyst/Computer Scientist/Mathematician DP-801/854/1515/1520/1550-2/3, Code 3576-** Position is located in the Tomahawk Software Branch, Advanced Systems Division, Attack Weapons Department. Incumbent serves as Software Validation Tester. Incumbent performs analysis of OFF software requirements, design, and algorithms;

develops and runs OFF tests using a digital missile simulation; analyzes performance and reports results. Incumbent works closely with other branch members/contractors performing similar tasks; reviews specification, interface and software documentation; and participates in contractor reviews. Promotion potential DP-3, but not guaranteed. Area of consideration is limited to 03 Directorate. To apply, send an updated SF-171 to J. Crittenden, Code 3576, ext. 1061. Ad amended to include mathematician series. Previous applicants need not reapply.

**No. 35-019 Interdisciplinary General Engineer/Computer Engineer/Operations Research Analyst/Computer Scientist/mathematician DP-801/854/1515/1520/1550-2/3, Code 3576-** This position is located in the Tomahawk Software Branch, Advanced Systems Division, Attack Weapons Department. The incumbent serves as Software Verification Analyst. Incumbent analyzes software for correctness, evaluates inclusion of requirements in contractor supplied documents and source code. Incumbent works closely with other branch members and contractors performing similar tasks; reviews specification, interface and software documentation; and participates in contractor reviews. Promotion potential is DP-3, but not guaranteed. Area of consideration is limited to the 03 Directorate. To apply, (Continued on Page 20)

### Learn about computer security

The NWC Training Center has the following self-study course:  
**Computer Security Awareness**  
Scope: This is an NWC computer security awareness video which highlights threats, vulnerabilities, and counter-measures affecting computer systems.  
Presentation Method: VHS video.  
Note: To view video call NWC ext. 2451

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High Density vs Low Density, the battle continues!

So, you've got an IBM or compatible PC with two different floppy disk drives and you don't know if they are high or low density drives. What are you going to do? How will you know what kind of diskettes to format? Well, you have a couple of choices.

To determine what kind of 5 1/4" disk drive you have in an IBM PC you can format a floppy disk, and then determine the type of drive based on the message displayed when the format is complete. To do this, you will need to just use the DOS FORMAT command. For example, at the C: prompt, simply type FORMAT A:; you will be asked to insert a diskette into drive A: and press ENTER. One of four situations and relative consequences is possible in this scenario:

1 - High density diskette in high density drive: the Format Complete message will display 1213952 bytes total disk space. This is good, you have a high density, 1.2MB, disk drive. Continue formatting and using high density diskettes in this drive. You can also use this drive to read and write to low density diskettes, if the diskettes were formatted in a low density drive.

2 - Low density diskette in low density drive: the Format Complete message will display 362496 bytes total disk space. This is good, you have a low density, 360KB, disk drive. You can only use low density diskettes in this drive.

3 - High density diskette in Bomb recovered

At approximately 4 p.m. on Tuesday, Jan. 8, an F/A-18 involved in software verification tests inadvertently dropped on inert MK-20 Rockeye weapon in an open field of several miles north of Inyokern near the Naval Weapons Center boundary. Range video was tracking the aircraft and followed the weapon from separation to impact. The weapon was located and recovered by personnel from the Naval Weapons Center Explosive Ordnance Disposal Detachment. There were no injuries and no property damage.

low density drive: the following message will display: Invalid media or track 0 bad - disk unusable. This is NOT good, you have a high density, 1.2MB, disk drive. You can only use low density diskettes in this drive.

4 - Low density diskette in high density drive: the Format Complete message will display 1213952 bytes total disk space, 499200 bytes unavailable, and 714752 bytes available, or the diskette will not format at all. This is NOT good, you have a high density, 1.2MB, disk drive. You cannot format a low density diskette in a high density drive in this manner. Even though the diskette may appear to be usable, I guarantee that your diskette will eventually fail and you will lose your data. You can only use a low density diskette in a high density drive if the disk has been formatted as a low density disk.

For those DOS users who are ready to get on a soap box right now and lecture me on how there is indeed a way to format a low density diskette in a high density drive; don't. I know there is a format parameter that will allow you to do this, but I do not recommend it's use. This has been a mouthful, but I cannot over stress the importance of using the correct disk drive to format your diskettes. It will save you much heartache in the long run.

By Bob Beane

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# Personnel News

## Promotional opportunities

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

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

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

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

**No. 28-034, Computer Specialist, DS-334-1/2/3, DP-334-3, Code 28411** - This position is located in the Financial Applications Programming Section, Financial Systems Branch, Financial Information Systems Division, Office of Comptroller. The incumbent provides computer systems analysis and programming support for data processing applications within Code 28. The incumbent analyzes requests for ADP services, performs feasibility studies, develops alternative solutions, and presents recommendations. The incumbent performs system design, develops data bases and application software, prepares documentation, and trains end users for administrative computing applications on minicomputer, mainframe and personal computer systems. The incumbent drafts specifications for programming tasks assigned to contractor personnel and monitors performance of those tasks. **Job Relevant Criteria:** Knowledge of computer systems analysis methodologies. Knowledge of data base structures. Knowledge of programming data management applications. Ability to analyze and manage large quantities of data. Ability to communicate effectively orally; ability to communicate effectively in writing. Promotion potential to DP-3, but

not guaranteed. **Multiple Vacancies.** **No. 28-036, Supervisory Computer Specialist, DS-334-3/DP-334-3, Code 28411** - This position is Head of the Financial Applications Programming Section in the Financial Systems Branch, Financial Information Systems Division, Office of Comptroller. As Section Head, the incumbent directs an in-house staff and manages contracts to provide computer systems analysis and programming support for data processing applications within Code 28, particularly administrative computing applications on mainframe, minicomputer, and personal computer systems. **Job Relevant Criteria:** Knowledge of computer systems analysis methodologies and the NWC Financial System. Knowledge of affirmative action principles and willingness to actively implement NWC's EEO practices and policies. Ability to plan, organize, coordinate and manage technical efforts with application of TQM principles. Ability to interact effectively with technical and functional personnel at all levels. Ability to communicate orally. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3, but not guaranteed.

**No. 28-037, Supervisory Computer Specialist, DP-1550-3, Code 28411** - This position is Head of the Financial Applications Programming Section in the Financial Systems Branch, Financial Information Systems Division, Office of Comptroller. As Section Head, the incumbent directs an in-house staff and manages contracts to provide computer systems analysis and programming support for data processing applications within Code 28, particularly administrative computing applications on mainframe, minicomputer, and personal computer systems. **Job Relevant Criteria:** Knowledge of computer systems analysis methodologies and the NWC Financial System. Knowledge of affirmative action principles and willingness to actively implement NWC's EEO practices and policies. Ability to plan, organize, coordinate and manage technical efforts with application of TQM principles. Ability to interact effectively with technical and functional personnel at all levels. Ability to communicate orally. The incumbent may be required to serve a one-year supervisory probationary period. Position is at full performance level.

**No. 30-001 Computer Scientist/Physicist/Computer Engineer DP-**

**1550/1310/854 - 1/2/3, Code 3032-** This position is located in the Simulation Branch of WEPTAC. The branch is responsible for the maintenance of the existing production system, the development of a new Phase II simulation, and the configuration control of software projects. This position offers challenging tasks in the modeling and simulating of scientific and physical phenomena as they apply to anti-air, anti-surface, and anti-submarine warfare. **Job relevant criteria:** Knowledge of mathematical and physical modeling; Knowledge of real-time operating systems; skill in high level programming (ADA, Fortran); Knowledge of structured software techniques. The full performance level of this position is DP-3.

**No. 35-001 Computer Specialist/Computer System Analyst DS-334-2/3, Code 3576** - This position is located in the Tomahawk Software Branch, Advanced Systems Division, Attack Weapons Department. The incumbent serves as Software Validation Tester. Incumbent performs analysis of OFF software requirements, design, and algorithms; develops and runs OFF tests using a digital missile simulation; analyzes performance and reports results. Incumbent works closely with other branch members and contractors performing similar tasks; reviews specification, interface and software documentation; and participates in contractor reviews. **Job relevant criteria:** Knowledge of embedded software testing techniques; Knowledge of DoD software development standards; Ability to communicate orally. Promotion potential is DP-3, but not guaranteed. Area of consideration is limited to the 03 Directorate.

**No. 35-002 Computer Specialist/Computer System Analyst DS-334-2/3, Code 3576** - This position is located in the Tomahawk Software Branch, Advanced Systems Division, Attack Weapons Department. The incumbent serves as Software Verification Analyst. Incumbent analyzes software for correctness, evaluates inclusion of requirements in contractor supplied documents and source code. Incumbent works closely with other branch members and contractors performing similar tasks; reviews specification, interface and software documentation; and participates in contractor reviews. **Job relevant criteria:** Knowledge of embedded software testing techniques; Knowledge of DoD software development standards; Ability to communicate orally. Promotion potential is DP-3, but not guaranteed. Area of consideration is limited to the 03 Directorate.

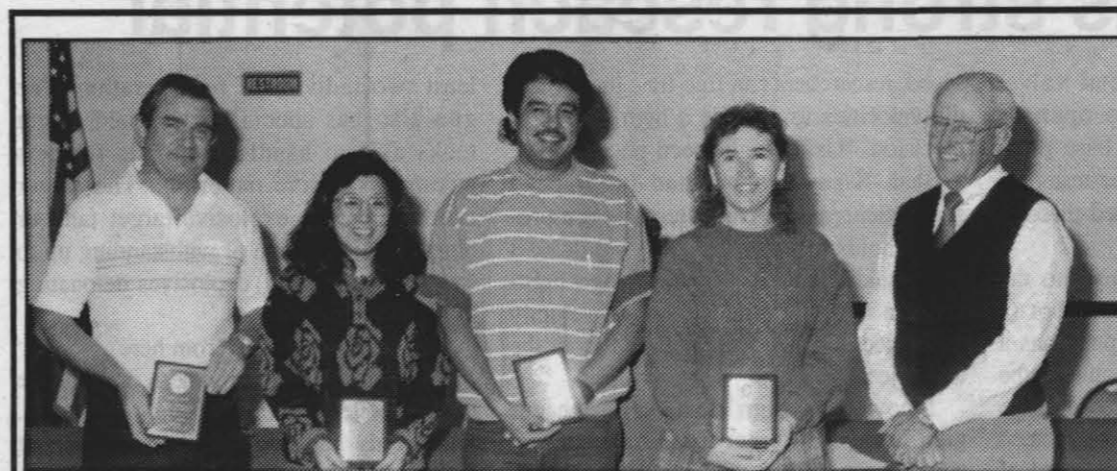
**No. 39-058, Quality Assurance Specialist, DP-1910-2/3, Code 39B10** - This position is that of Component Manager, located in the

Sidewinder Program Office, Intercept Weapons Department. The incumbent will be the focal point for all NAVWPNCEN activities related to the Sidewinder rocket motor, warhead, wings, and fin production. The incumbent shall remain informed and aware of production status of all assigned components as well as the reliability, quality, and technical issues of each component. **Job relevant criteria:** Ability to work effectively as a team member in resolving issues; ability to prepare reports and presentations; ability to implement changing requirements and specifications; ability to interface with all levels of management including both government and contractor management. Promotion potential to DP-3, but not guaranteed.

**No. 61-007, Supply Technician, DG-2005-2/3, Code 6142-** This position is located in the Ordnance Control Branch of the Ordnance Division. The incumbent will be responsible for ammunition requisitioning and conducting follow-up research. The incumbent will review ammunition shipping and receipt documents for completeness and accuracy, update ordnance inventory data base, file records, prepare and submit ammunition reports as required, review physical inventories, and conduct causative research. **Job Relevant Criteria:** Knowledge of computerized data entry; ability to read, interpret, and understand oral and written instructions; ability to work independently; ability to communicate and interface effectively with co-workers; ability to record, track, update, and file records and reports. Promotion potential to DG-3. Position is open to the 06 Directorate only. Previous applicants need not reapply.

**No. 62-002, Electronics Technician, DT-856-2, Code 6222-** This position is located in the Supersonic Naval Ordnance Research Track (SNORT), Operations Branch of the Range Department. Duties are performed in support of Range Electronic Systems to meet the needs for track testing. These include the operation and maintenance of various types of range electrical and electronic systems for use under direction of and coordination with Code 62222 engineering staff and track customers. The incumbent will assist higher level technicians, scientists, engineers, and grounds station personnel in setting up electrical and electronic systems for sledborne and trackside use. The ability to perform sled and test item wiring installation is desired. **Job Relevant Criteria:** Skill in using electronics test equipment; knowledge of NWC test range operations; ability to develop and interpret schematics and engineering drawings. Promotion potential to DT-3, but not guaranteed.

(Continued on Page 19)



**THANKING THE OLD AND APPOINTING THE NEW --** Above, Curt Bryan, head, Office of Comptroller, (right) congratulates and presents plaques to outgoing officers (left to right), Ed Gehres (accepting for his wife Sybille Gehres, secretary), Irene Shimaoka-Jansen, treasurer, Isaac Duran, vice-president, and Theresa Thomason, president, during a luncheon for the American Society of Military Comptrollers. Bryan also installed new officers (left to right), Barbe Anderson, secretary, Laura Brice-Foster, treasurer, and Ethel Herrera, president. Kathy Topper who is not shown was elected vice president.



## Housing Office sets cleaning standards

When preparing to vacate military housing at the Naval Weapons Center, get your information about cleaning requirements from the Housing Office.

When you file your Intent to Vacate Notice, a preliminary inspection will be arranged for you and a list of all requirements will be given to you. At the preliminary inspection, the Housing representative will walk through the quarters with you and explain the requirements for satisfactorily clearing quarters.

Items to be replaced during Change of Occupancy will require less attention than those that will remain in the unit for the next resident. Walls will not need excessive scrubbing, but they must be free of black marks or any other item that will prevent one coat of paint from satisfactorily covering the walls. Holes in walls must be patched, sanded and spot painted. Toilets and other bathroom fixtures must be clean. All light bulbs must work and one in each fixture. Yards, front and back, must be clean and all debris removed. Most of the items required for repairs and yard work are available at the Self Help Store; including vacuum cleaners and shampoos.

A clean house during occupancy will present very few problems at time of final check out.

If you decide to hire someone to do your final cleaning, a listing of Approved Cleaners is available at the Housing Office. Contacting, interviewing and hiring a cleaner is the responsibility of the resident.

If you have any questions, please contact the housing project assistant for your area. Ann Ryan is responsible for Site B Capehart, Jerry Chisholm conducts all inspections for the civilian bachelor housing and Lorena Gustafson is responsible for the Hill Area and Site A Capehart. They can be reached at the following extensions: Ryan - NWC ext. 3411, ext. 329; Chisholm, NWC ext. 3411, ext. 324; and Gustafson, NWC ext. 3411, ext. 326.

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## Technical groups meet

IEEE

On Monday, Jan. 21, the Institute of Electrical and Electronics Engineers, Inc. (IEEE) will tour the Luz Plant, Boron, Calif. Starting at 10 a.m., the group will tour the Solar Electric Generating Stations (SEGS) III, IV, V, VI and VII, showcasing Luz's development from 1986 through 1988.

IEEE members wishing to make a reservation should call Jim Serpanos, NWC ext. 3663, as soon as possible. Only 40 people will be allowed on the tour.

SOLE

Michael J. Monahan, from the Society of Logistics Engineers (SOLE) International will host the Hi-Desert Chapter, SOLE, Annual Awards Dinner on Wednesday, Jan. 23. Being held at the Indian Wells Lodge (2565 Hwy 14, Inyokern).

The meeting open with a social period at 6 p.m., followed by dinner and the main program at 7 p.m.

Monahan is the vice-president and professional development and manager, ILS Test Operations and Off Site Test Support for Northrup's B-2 Division.

Reservations are required by noon Friday (tomorrow). Reservations may be made by calling Frank Alonge or Bill Wilson at NWC ext. 3441, Tree at NWC ext. 3261, or Doug Whitnell at 446-7671.

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# Innovative gas gun has strong reseach potential

(Continued from Page 1)

can answer those types of questions." The gun system (See diagram below) was designed to easily control high velocity projectiles and does so in two stages. First, a powder charge is placed into the breech of the gun behind a high-density polyethylene piston. When the charge is fired, the piston is propelled down a 15-foot-long, 3-inch-diameter bore pump tube filled with hydrogen gas. "The lighter the gas, the faster the projectile. Since hydrogen is the lightest gas, it's the one we use," commented Lindfors. The compression of the gas by the piston can create pressure up to 90,000 pound per square inch in the center of the gun. The piston wedges itself in the area of reduction to be removed later by a hydraulic ram.

"So the first stage is the piston compressing the hydrogen, the second stage is actually the hydrogen pushing the projectile," stated the engineer. At the down-range end of the high-pressure section is a

metal burst diaphragm or petal valve. When the petal valve bursts open, it applies an instantaneous high base pressure against the 1-inch-diameter test projectile. The projectile is propelled through a 15-foot unrifled barrel.

The muzzle of the gun opens into the larger of two target tanks. If a sabot (a thrust-transmitting carrier that positions a missile in a gun barrel or launching tube and prevents the escape of gas ahead of the missile) is used, the target can be located in the smaller tank which is at the end of the main tank. This permits the sabot halves to aerodynamically separate from the projectile and be stopped against the end of the large tank, so only the projectile strikes the target.

The velocity of the test projectile is determined by different variables. The size of the powder charge, amount of hydrogen and length of the piston. By manipulating the variables and monitoring the chamber pressure, piston speed, and projectile

speed, researchers can fine-tune the projectile velocities to achieve a high degree of precision. "Using high-speed photography, a flash X-ray system, and high-speed streak cameras, we can determine if a projectile holds together the way we think it will," said Lindfors. The two-stage light-gas gun not only attains required velocity for projectiles, but accurately monitors the test objects.

Innovative design elements in the gas gun make it different from its predecessors. The gun was designed to be transportable. Which means testing is not confined to a gun laboratory, creating a whole new spectrum in its testing abilities.

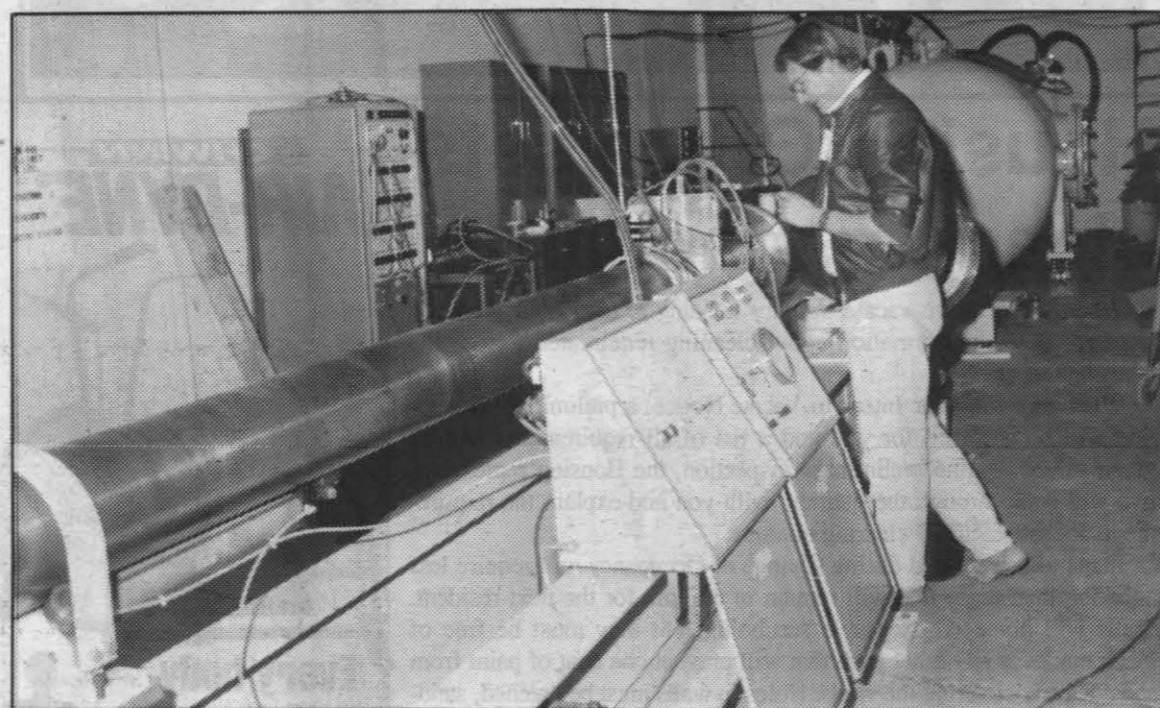
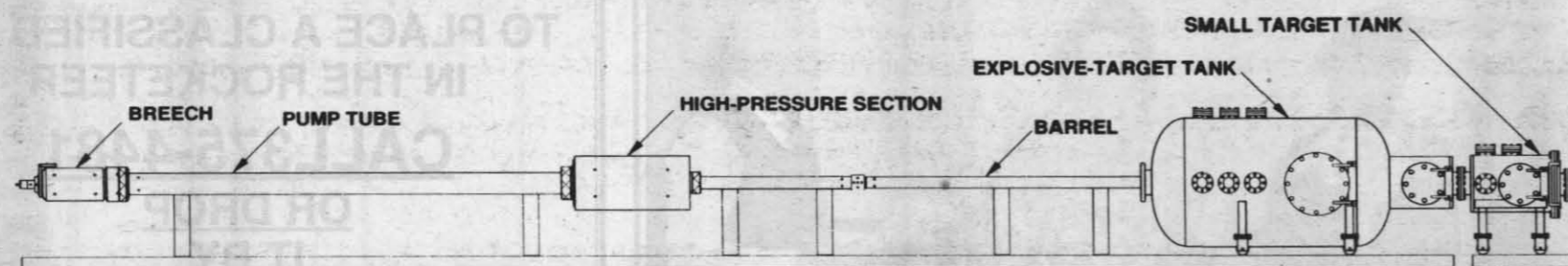
Less than a day's work is required to disassemble the gun and reassemble it at a remote site. "Most people never even consider moving a gas gun once its in place, but this one was set up strictly for that purpose." It only requires two people to move the gun and is designed so that one operator is needed. Normal gas-guns require at

least two individuals for operation. The gun also has specially designed target tanks able to handle projectile impacts against explosive materials. The larger tank, called the explosive-target tank or blast tank, is capable of withstanding up to two pounds of high explosives detonating in it.

So, where does it go from here? "I'm still feeling the system out. I'd like to get a better idea of the firing parameters. We've only had two test shots so far, but we're scheduled for 150 more in the next year" said Lindfors.

The enthusiastic engineer hopes to generate much interest from those working on Center.

He would also like prospective Junior Professionals interested in a good learning experience to consider the Warhead Dynamics Branch for a tour. Anyone with questions about the two-stage light-gas gun operation should call Lindfors at NWC ext. 2206.



MEET THE BEAST -- Allen Lindfors, Warhead Dynamics Branch, stands next to what he affectionately refers to as "the beast". The 60 foot two-stage light-gas gun marks a new capability for NWC. Photo by PH3 Cary Brady

**HIGH SPEED-IMPACT PHENOMENA**--Allen Lindfors of the Warhead Dynamics Branch adjusts vacuum gages on the two-stage light-gas gun. It has the ability to propel objects at high speeds and record impact effects.

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# Volunteer basketball coaches teach strategy

During their second week of play, teams in the Naval Weapons Center Youth Basketball League tried out new strategies and moves taught by volunteer coaches. Games are played every Friday and Saturday, except for holiday weekends, at the NWC Youth Center. Friday night games are 5:30, 6:45 and 8 p.m. and Saturday games are 8, 9:15 and 10:30 a.m.

**Division I**  
**Suns 30, Rockets 13**

Rory O'Neil led his team to victory with seven field goals. Other scorers in the win were Dirk Spoons, Curtis Haney, Shannon Parks, Fritz Vanderhoeck and Aaron Smith. While the Rockets could out shoot the Suns, Allen Silva and Sarah Woydziak were credited with good moves. Rayn Katzenstein and Chris Bachman scored the only points in the loss.

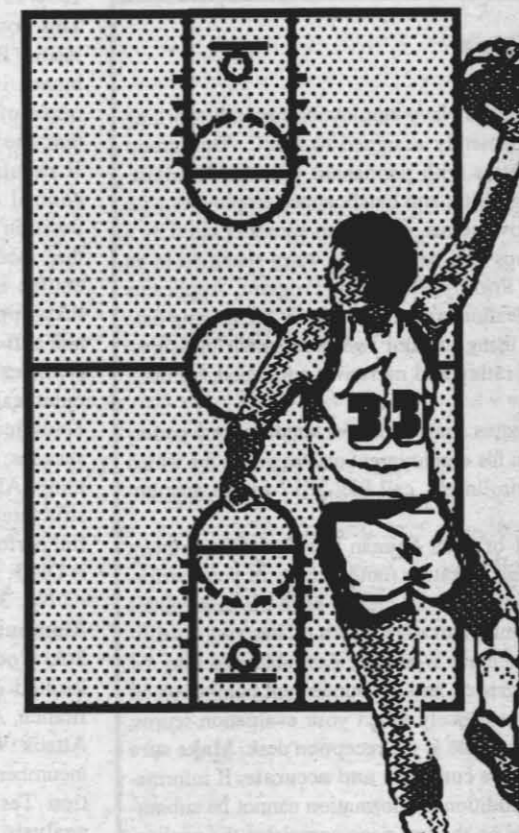
**Division II**  
**Spurs 44, Clippers 16**

Excellent defensive plays and good rebounding bounced the Spurs to victory. David Rollingson dunked in 24 points in the win, while Josh Roberts slammed in 10. Other scorers were Zack Hillewaert and Cale Falk. Clippers' baskets were made by Joel Deeke, Will Collier, Willie Eichenberg and David Turner.

**Mavericks 44, Rockets 15**

Bryan McCollum and Rad Everett were instrumental in defusing the Rockets, noted the Mavericks' coach. Michael Bachman led his team with 13 points, followed by Josh Bower's nine points and Sam Elson's eight points. Other scorers in the win were Justin Nelson, Matt

LaBarre, Kyle Wilson and Aaron Bailey. The Rockets' baskets were shot in by Mark Norlund, Darren Hodge, Chris Brown and Steven Ributtan.



**Bulls 41, Jazz 16**

In another lopsided game, the Bulls trampled on the Jazz due to the outstanding shooting of Jason Bull, who scored 21 points in the win. Other successful shooters were Pete Greedy, Jimmie Miller, Mike Kelly and Dennis Tankersley. Shots by Patrick Goodman, Jason Hiett, Jason Vanderslice, Christopher Walters, Zachary Woydziak and Anthony Pfau weren't enough in this game.

**Division III**  
**Pistons 55, Kings 37**

In a hot game, Daniel La Haye burned up the court with 14 fields goals. Andrew Dubois bounced in another 18 points, Daniel Peoples tossed in 10 and Jason Anderson dunked in two points for the win. Five field goals each by Jeff Randolph and Sam Miles couldn't offset the Pistons. Other scorers in the loss were Behrang Goodarzirad, Kate George and Lenny.

**Division IV**  
**Lakers 49, Celtics 24**

Brooke Fryar slammed in 22 points for the Lakers in an exciting match. Team effort and additional points by Lisa O'Neil, David Sutherlen, Jay Norlund, Andrew Huston, Jimmy Hutmacher and Chris Maki put the Lakers on top. While the Celtics played a good game, with Patrick Ross, Toby and Jimmy Adam, Tim Jacobs, Galen Wilson and Brian Sweaney scoring, they couldn't overtake the Lakers.

(Editor's note: For more information about youth sports at the Naval Weapons Center, call Myriam Wright, youth sports coordinator, at NWC ext. 2909.)



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# Sports



**JUMP SHOT -- Luis Rivera and Rob Maquire take advantage of the newly renovated NWC gymnasium as they play basketball after working hours. For information about eligibility, hours and prices, call NWC ext. 6542.**

## Varsity team shoots hoops at NWC Gym

Support the NWC Varsity Basketball team as they challenge Fort Irwin, NAS Point Mugu and NCBC Port Hueneme this Saturday and Sunday at the NWC Gymnasium.

At 10 a.m. on Saturday, China Lake will battle Pt. Mugu, who will then go head to head against Fort Irwin at 12 noon. At 3 p.m., Port Hueneme will try to best Fort Irwin. At 5 p.m., the China Lake team will challenge Port Hueneme.

On Sunday, Pt. Mugu and Port Hueneme will try to out shoot each other at 9 a.m., followed by a game between Fort Irwin and China Lake at 11 a.m.

The China Lake Varsity Basketball team includes Lt. Bob Jordan, AA Tyrome Finney, ADAN David Turner, AOAN Robbi Rankins, ACAN David Pope, Cpl. Michael Exford, AN Richard Allen, HN Bryan Howard, AD2 Leslie Lewis, AEAN David Cox, AT2 Mike Arkadie, Lt. Bruce Bull, RN3 Greg Simmons, AE3 Larry Cook, AK3 Steve Banks, AN Darrell Alexander, AK2 T. Dooley, SSgt. Charlie Moore, Cpl. Frank Campbell and Sgt. Thomas Holmes.

## Need ski equipment?

Try the Gear Issue Office on-Center

China Lakers are invited to enjoy the powder with downhill and cross country skis provided by the Gymnasium Gear Issue Office. Skis, poles, boots and even a ski rack can be rented at nominal fees.

To insure proper fit, ski fitting appointments may be made Monday through Thursday from 8 a.m. to 4 p.m. Appointments should be made 3 to 5 days in advance of the ski trip.

There is a standard \$20 deposit for skis, poles and boots, and a \$25 deposit for ski racks.

For rental rates, or to make a ski fitting appointment, call NWC ext. 6542.

Enjoy the slopes!

## Register now for volleyball

Wednesday, Jan. 30, is the deadline for league entry and roster submission for Intramural Men's and Women's Winter Volleyball League.

Fees and eligibility cards must be paid at the time of entry. League play begins Monday, Feb. 4.

For additional information, call Michelle Martin at NWC ext. 2334 or 2081.

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## Track club sponsors fun run Jan. 26

On Jan. 26, the Over-the-Hill Track Club is sponsoring the Coyote Chase -- a 2-mile Fun Run -- starting and finishing at Cerro Coso Community College. The race begins at 9 a.m.

Registration will be held from 8 to 8:45 a.m. The entrance fee is \$3 per person.

Open divisions and age group awards will be given out.

For more information, call Kathy Martin at 375-6852.

Race for the fun of it, as well as the health of it!



## Marksmanship school begins Feb. 3

Sierra Desert Gun Club will host a Beginners' Rifle Marksmanship School starting Sunday, Feb. 3. Classes will meet at 1 to 4:30 p.m. each Sunday for nine weeks at the Sierra Desert Gun Club Clubhouse and Rifle Range onboard the Naval Weapons Center.

Classes are open to all Indian Wells Valley (and surrounding areas) residents between the ages of 12 and older. Rifles, targets and ammunition are provided by the gun club.

Registration will be taken in the lobby of the Ridgecrest Civic Center from 9 a.m. to 1 p.m. on Jan. 19 and from 7 to 9 p.m. on Jan. 22. A class fee of \$35 for each student will be collected at this time. Class size is limited and will be conducted on a first come, first served basis.

This school is an excellent opportunity for people to learn the proper and safe way to handle and shoot a rifle.

# Helmets:

Regulations requiring motorcyclists to wear them reduces death rate

Washington (NES) -- State laws requiring all "easy riders" to wear helmets result in fewer head injury-related deaths from motorcycle crashes, according to a study published in the Nov. 14 *Journal of the American Medical Association*.

"Population-based (death) rates adjusted for age, sex and race in states with partial or no motorcycle helmet-use laws were almost twice those in states with comprehensive helmet-use laws," wrote Dr. Daniel M. Sosin with colleagues from the Division of Injury Control, Centers for Disease Control in Atlanta.

The authors reviewed U.S. mortality data from 1979 to 1986. Of the 28,749 motorcyclist deaths they tallied, 15,194 (53 percent) involved head injury. More than

80 percent (12,484) of head injury-related deaths were among people aged 15 to 34. Men accounted for 90 percent of the deaths, and whites accounted for 93 percent of the head injury-related deaths.

In states with full helmet-use laws, the death rate averaged 11.7 per million residents a year, the authors found. Annual death rates in states with partial laws (e.g., only requiring helmets on riders younger than 21 years) was 19.5 per million residents; in states with no helmet-use laws, the death rate was 17.6 per million. "The ineffectiveness of the partial laws appears to be related to low compliance with them, which arises from difficulties in enforcement of laws targeted to a specific age group," they wrote.

During the years studied, South Carolina and Wyoming changed from full laws to partial ones. Their adjusted population-based death rates increased 184 percent and 73 percent respectively. Death rates in Louisiana dropped 44 percent when it upgraded from a partial helmet law to a full one.

Nationally, head injury-related death rate for motorcyclists dropped 8 percent during the study period. "The nominal reduction in head-injury death rates from motorcycle crashes since 1979 highlights the importance of expanding efforts to prevent such injuries," the authors wrote. "Comprehensive motorcycle helmet-use legislation appears to be a scientifically sound component of those efforts."

## Dope remains just for dopes

From 1 to 3:30 p.m. on Wednesday, Feb. 6, there will be a basic drug education presentation entitled *Dope is for Dopes* in Room 1000-D of Michelson Laboratory.

Sponsored by the NWC Speakers' Bureau and the Kern County Sheriff's Office (KCSO), Deputy Louie Allen will relate the four medical categories to the seven legal categories of drugs. Displays of

real drugs (under glass), paraphernalia and pamphlets will be available. A vehicle or car stop, accompanied with field sobriety tests, will be simulated. In addition, a canine drug search, arrest and attack sequence will be simulated by the China Lake police officers.

For more information, contact Louie A. Allen at 375-5650 or NWC ext. 1231.

## SIGADA Forum returns for Jan. 30 gathering

On Jan. 30, the next SIGADA Forum will be held at 3:30 p.m. in room 201 of the NWC Training Center. Dan Kiely and Fausto Miranda will speak on Ada library development, domain analysis and object oriented methods.

Dan Kiely is currently the delivery order manager at CTA Incorporated. He has been a software engineer for 25+ years, and a manager at CTA in Ridgecrest for 3 years. He has managed Ada avionics software reuse efforts in

Domain Analysis and Library Development.

Fausto Miranda is a senior scientist with 10 years experience in software engineering, and has led the Lockheed SEE effort for the ATF - Ada and Object Oriented Methods.

All interested parties are invited to attend.

For more information contact Brad Clark, Code 3922, NWC ext. 1276 or Linda Roush, Code 3142, NWC ext. 5575.

## Computer trade show

Concept Development, Inc. and Rugged Digital will offer a trade show focused on real-time computing at the Carriage Inn (901 North China Lake Blvd.) from 7:30 a.m. to 4 p.m. on Feb. 26.

The 20 manufacturers participating represent the leaders in their fields and will exhibit their abilities which include Integration platforms, VMEbus products, Futurebus products and high speed subsystems.

Ray Alderman of VITA will discuss Futurebus and VME64 during a technical session at the trade show.

Registration is free and all are welcome to attend. RSVPs are requested and may be made by calling Margie Davis at (800) 733-1811.

# Wellness Corner



The NWC Wellness Program offers low-impact aerobic dance classes at different locations on Center. You must be a DoD employee or active duty military to attend. There is no charge. Participants will be asked to sign an inherent risk form. You will also need your badge for ID, a thick towel or mat for floor exercises and supportive shoes.

Location	Day	Time	Building
Airfield	M, T, Th, F	4:40 p.m.	Parasystems Bldg.
CLPL	M, T, W, Th	4:30 p.m.	Bldg. 115
PW	M, T, W, Th	4:15 p.m.	Aerobics Room
Main Site	M, T, W, Th, F	5:15 p.m.	Seafarer's Ball Room
Youth Gym	M & Th	6 a.m.	Youth Center (with Military Sweat Program)

## Radar patrol continues

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police (CLP) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggen, traffic manager, CLP Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Friday -- Richmond Road.
  - Monday -- Sandquist Road.
  - Tuesday -- CLPL Road.
  - Wednesday -- Randsburg Wash Road.
  - Thursday -- Inyokern Road.
- Violations of traffic laws may be cited at any time, as well as in areas of the Naval Weapons Center other than the ones mentioned above.

## Sailors support the Naval Home

Washington (NES). . . Navy and Marine Corps enlisted personnel and warrant officers have begun to support the Naval Home through a fifty-cent monthly contribution. These pay allotments, which began Oct. 1, 1990, are a result of a provision in the FY90 Defense Authorization Act.

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Introduction to Neural Networks (\$149 includes BrainMaker neural net system)  
Handbook of Neural Computing Appl. Smalltalk/IV (book & program)  
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Experiments in Machine Interpretation of Visual Motion  
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# Bitter December freeze damages NWC buildings

Houses as well as official buildings on board the Naval Weapons Center suffered major damage during the December cold snap, noted Syble Cope, Housing Office manager and Mike Crom, head, Maintenance Utilities Division, Public Works Department. The units were damaged when water pipes broke due to a combination of loss of natural gas and freezing temperatures.

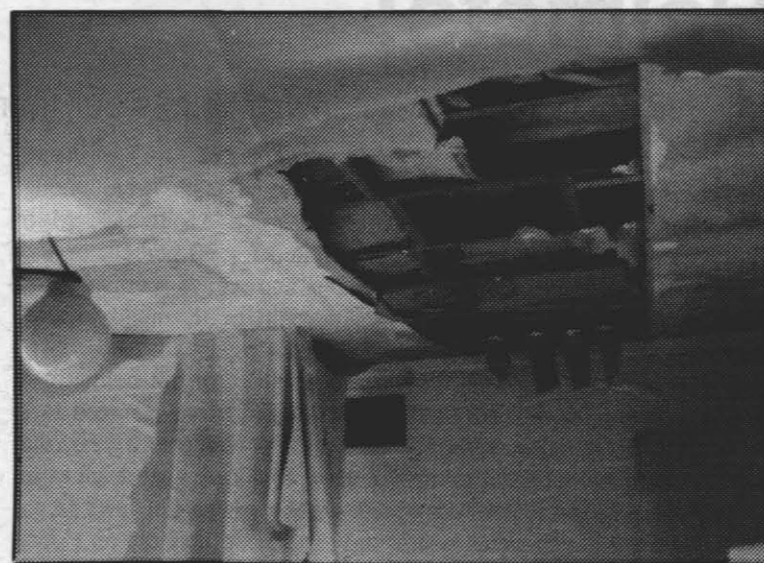
Crom noted the only outside pipes which froze were ones already being worked on, with a few exceptions. However, the loss of natural gas shut down the gas-fired heaters and boilers on Center, resulting in many ruptures inside the buildings.

According to Cope, there were 16 houses on Center which received serious damage during the unexpected freeze, most of them located in the Junior Officers' Quarters (JOQ) area.

Cope noted four families and two bachelors were

moved from their residences due to the damage caused by the water pipes breaking. Two of the four families have been given new residences on-Center and one bachelor and one family have already moved back into their homes, while the other family is still residing in temporary quarters. The other bachelor has moved off base into a house in Ridgecrest.

Dollar damage caused by the freeze and loss of natural gas has not yet been determined, noted Crom. He estimates a total of 2,800 overtime hours will be used to repair all the damage in official buildings. While a total dollar damage amount has not yet been determined for the housing units, Cope noted she has requested an additional \$280,000 from the Western Division of the Naval Facilities Engineering Command to help repair the more seriously damaged units.



**DESTRUCTION--Water pipes freezing in official buildings and housing units caused some serious damage in December. The frozen pipes were the result of an unexpected freeze and a loss of natural gas. Public Works and Johnson Controls World Services (formerly Pan Am) personnel are still working repairing the damage. The picture above shows some of the damage an official building sustained to its ceiling when the water pipes froze and then broke at the Naval Weapons Center. Photo submitted by the Public Works Department**

# Huge sealift supplies desert

Persian Gulf (NNS) -- Nearly 40-foot seas and raging winter storms have not slowed the largest sealift effort since World War II, carrying vital U.S. military equipment to Middle East Forces in support of Operation Desert Shield.

Phase II, which was announced Nov. 8, 1990, promises to be a considerably larger operation than the initial shipment of troops and equipment to the Persian Gulf region last August. So far, more than 12.2 million square feet of cargo, representing just under two billion pounds of equipment, have been shipped. This is just part of the equipment and supplies needed to support roughly 71,000 troops and 1,000 tanks of more than three additional Army divisions deploying to the Middle East.

Phase I, which concluded in mid-December, transported 2.2 billion pounds of cargo. To date, the entire sealift operation has also transported nearly seven bil-

lion pounds of fuel, including diesel and aircraft fuels. More than 220 ships under the operational control of the Military Sealift Command are in use for Phase II.

In the last week of December, dozens of ships pulled into Northern Europe to on-load equipment destined for the Middle East. To get there, crewmen braved rain and sleet driven by 50-60 knot winds and 36-foot seas. Despite the rough weather, this important cargo continues its journey to troops awaiting its arrival 6,500 nautical miles away.

In addition to transporting equipment and supplies of eight major Army units from Germany and other Northern European ports, thousands of additional tons of supplies and equipment are being transported from state-side ports for soldiers of the 1st Infantry Division from Ft. Riley, Kansas. That support includes more than 200 tanks, 108 armored vehicles, nearly 50 self-

propelled howitzers and more than 30 helicopters, among other equipment being transported from Houston and several East coast ports.

Sealift operations for Operation Desert Shield have moved more cargo farther and faster than any other time in history.

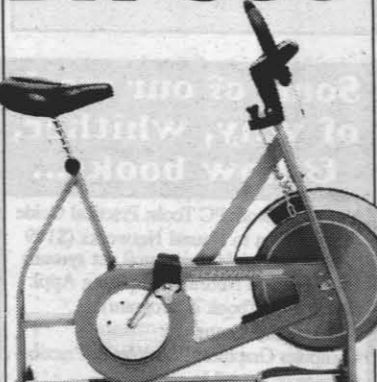
# Korean war vets seek memorial

One last campaign in the Korean War is still to be fought. The war isn't over until the memorial to those who took part in that conflict is brought to reality. Authorized by Congress, the memorial will go on the Washington, D.C. Mall near the Lincoln Memorial.

General R.G. Stillwell (Ret.) is chairman of the Korean War Veterans Memorial Advisory Board. He says there is less than 15 months remaining in the five-year period established by law to design and begin construction. It will take \$11 million to build the memorial and construction can't start until the money is raised. To date about \$6 million has been donated.

Contributions can be sent to: Korean War Veterans Memorial, P.O. Box 2372, Washington, DC 20013-2372.

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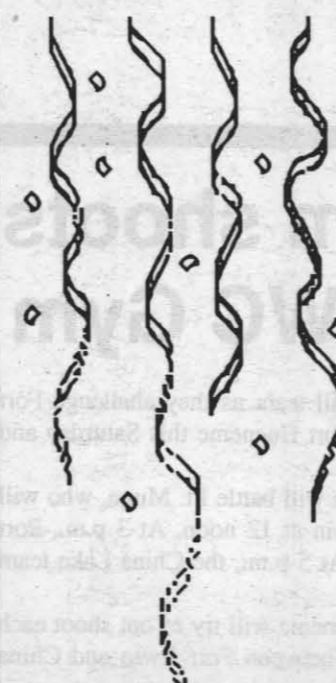
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SALES SERVICE

# Discount tickets available

Don't overspend -- save \$\$\$ at Craftech!



Bored with the desert? Want some fun? The Craftech Center has discount tickets for a number of southern California amusement parks.

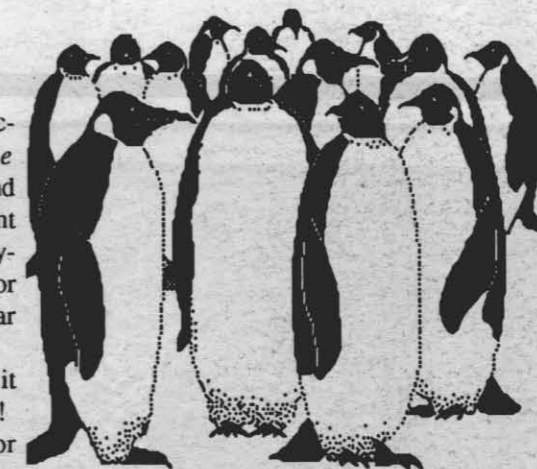
Start the year off right with a visit to the Magic Kingdom! Visit all your favorite rides at Disneyland for the great price of only \$16.75. The special ticket includes admission to the park, unlimited use of attractions (except arcades) and free parking (a \$4 value). Best hurry, though, these tickets are good only through March 3.

King Kong is back on the job at Universal Studios. This famous amusement park is running at full capacity after a November fire,

and the park is proud of its brand new attractions -- including *An American Tail*, *The Back to the Future Special Effects Stage* and *The Riot Act* (an all new action-packed stunt show). Don't miss this exciting bit of Hollywood. Discount tickets are only \$17.50 for adults and \$13.50 for children. The regular prices are \$22 and \$16.50.

Knotts Berry Farm has just lowered its prices for children. Take advantage and save! Craftech also has discount tickets for Magic Mountain, Queen Mary/Spruce Goose and Sea World. Knotts

Don't miss out! Save \$\$\$ with discount tickets from Craftech!



*Please Join Us*

## MWR UPCOMING EVENTS

**Sneak Preview**  
COMEDY NIGHT • FEB. 15TH • DINNER & SHOW

**Friday, January 18th**

- Sign-up for a Dry Flower Arrangement Class-X3252
- Sign-up for the Woodworking Class at CRAFTTECH
- Seafood Buffet, Seafarer Lunch Special

**Saturday, January 19th**

- King & Queen Bowling Tourn. • 1:00 p.m. • Hall Lanes
- Matinee, NWC Theater, 2 p.m., Pete's Dragon

**Sunday, January 20th**

- Open Roller Skating, Youth Center, 1-4 p.m.

**Monday, January 21st**

- Monday Night Football, Seafarer Club, 5 p.m.

**Tuesday, January 22nd**

- Golf Course January Lunch Special
- Soup and Sandwich for only \$3.25
- Golf Shoes, all sizes and styles, 10% off thru January X2990

**Wednesday, January 23rd**

- Ski with MWR! We'll help you get on the slopes X6542
- Chicken Fried Steak, Seafarer Club, \$4.00
- Every Wednesday-Bingo at the Seafarer Club, 7 p.m.

**Thursday, January 24th**

- Fajitas, Seafarer Lunch Special

**SEAFARER • SUPERBOWL SUNDAY**  
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## YOU'RE INVITED

to  
**Superbowl Sunday at the Seafarer Club**  
January 27, 1991

DoD and military members (active duty and retired) and their dependents are invited to watch pre-game and the Superbowl on a big-screen television at the Seafarer Club on Jan. 27. The club will open one and a half hour before the big kick off.

Free food, discounted drinks and lots of prizes will be available to all participants. In addition, a King Armchair Quarterback for the Season will be crowned for each military group (officer, chief petty officer and enlisted). For more information, call the club at NWC ext. 2581.

### Seafarer Club offers lunch specials

For only \$4.50 per person, enjoy a delicious lunch at the Seafarer Club.	Monday -- Club closed for	steak.
Entries for next week's (Jan. 21-25) buffet line will be:	Tuesday -- Cook's choice.	Thursday -- Fajitas.
Monday -- Club closed for	Wednesday -- Chicken fried	Friday -- Seafood buffet.

### SCHOONER SALOON

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80MB hard disk, 4MB RAM, 800x600 VGA card & 1024x768 monitor **486 workstation \$3195**

Computing Technology's

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# New pay scales announced for civilian employees

Following is the new pay schedule for the DG, DS, DT, DA and DP series. The higher pay became effective Jan. 13.

Increment	DG Scale					DT Scale					Increment	DP Scale					\$
	A	1	2	3	4	5	1	2	3	4		5	A	1	2	3	
1	11015	15171	16973	18919	23284	28322	11015	16973	23284	31116	11015	16973	25717	37294	52406	72298	
2	11290	15516	17413	19389	23794	28962	11320	17388	23849	31871	11320	17483	26407	38184	53616	73758	
3	11565	15861	17853	19859	24304	29602	11625	17803	24414	32626	11625	17993	27097	39074	54826	75218	
4	11840	16206	18293	20329	24814	30242	11930	18218	24979	33381	11930	18503	27787	39964	56036	76678	
5	12115	16551	18733	20799	25324	30882	12235	18633	25544	34136	12235	19013	28477	40854	57246	78138	
6	12390	16896	19173	21269	25834	31522	12540	19048	26109	34891	12540	19523	29167	41744	58456	79598	
7	12665	17241	19613	21739	26344	32162	12845	19463	26674	35646	12845	20033	29857	42634	59666	81058	
8	12940	17586	20053	22209	26854	32802	13150	19878	27239	36401	13150	20543	30547	43524	60876	82518	
9	13215	17931	20493	22679	27364	33442	13455	20293	27804	37156	13455	21053	31237	44414	62086	83978	
10	13490	18276	20933	23149	27874	34082	13760	20708	28369	37911	13760	21563	31927	45304	63296	85438	
11	13765	18621	21373	23619	28384	34722	14065	21123	28934	38666	14065	22073	32617	46194	64506	86898	
12	14040	18966	21813	24089	28894	35362	14370	21538	29499	39421	14370	22583	33307	47084	65716	88358	
13	14315	19311	22253	24559	29404	36002	14675	21953	30064	40176	14675	23093	33997	47974	66926	89818	
14	14590	19656	22693	25029	29914	36642	14980	22368	30629	40931	14980	23603	34687	48864	68136		
15	14865	20001	23133	25499	30424	37282	15285	22783	31194	41686	15285	24113	35377	49754	69346		
16	15140	20346	23573	25969	30934	37922	15590	23198	31759	42441	15590	24623	36067	50644	70556		
17	15415	20691	24013	26439	31444	38562	15895	23613	32324	43196	15895	25133	36757	51534	71766		
18	15690	21036	24453	26909	31954	39202	16200	24028	32889	43951	16200	25643	37447	52424	72976		
19	15965	21381	24893	27379	32464	39842	16505	24443	33454	44706	16505	26153	38137	53314	74186		
20	16240	21726	25333	27849	32974	40482	16810	24858	34019	45461	16810	26663	38827	54204	75396		
21	16515	22071	25773	28319	33484		17115	25273	34584	46216	17115	27173	39517	55094	76606		
22	16790	22416	26213	28789			17420	25688	35149	46971	17420	27683	40207	55984	77816		
23	17065	22761	26653	29259			17725	26103	35714	47726	17725	28193	40897	56874	79026		
24	17340	23106	27093	29729			18030	26518	36279	48481	18030	28703	41587	57760	80138		
25	17615	23451	27533	30196			18335	26933	36848		18335	29213	42277				
26	17890	23796	27973				18640	27353			18640	29723	42967				
27	18165	24141					18945				18945	30233	43657				
28	18440	24486					19250				19250	30743	44347				
29	18715	24831					19555				19555	31253	45037				
30	18990	25176					19725				19725	31763	45634				

Next week, the *Rocketeer* will print the wage series' new pay schedule, which will be effective February 24.



WORK PLANNING--Sailors in the Naval Weapons Center's Hangar 3 take time to discuss their next steps and go over the checklist in PMS of an F/A-18 Hornet. From left the work crew includes, AEAN Rogers, AE2 Hoover, AEAN Bohnsack and AE1 Rogers. Photo by PH3 Cary Brady

### What Do you Think?

The *NWC Rocketeer* staff and Center Command want to know what the readers of this newspaper think about the job the staff is doing, the coverage of events and people on board the Naval Weapons Center and ideas you have for allowing the paper to better serve and responded to the customer and reader in a quality fashion. The staff encourages your article ideas, constructive comments and continued feedback. The form below can be mailed to NWC CODE 0033 via guard mail.

**Rocketeer Feedback Forum**

## New rental rates effective March 1

Housing residents see increases up to 13 percent

Increases in civilian rental charges for the Naval Weapons Center housing facilities has been received from the Western Division of the Naval Facilities Engineering Command. After reviewing the in-house study and re-examining the A.L. Appraisal report, revised approved rental rates were established. The new rates reflect an average increase of 13 percent.

An appraisal conducted by A.L. Appraisal Co. in November 1989, reflected an increase in rental rates of an average of 31 percent. This appraisal was not accepted by local command.

An in-house study was conducted and alternative rental rates were proposed and forwarded to Western Division of the Naval Facilities Engineering Command. The revised approved rental rates reflect the Consumer Price Index (CPI) of 3.4 percent required to bring these rates, which should have been implemented Feb. 1, 1990, current. The new rental rates will be effective March 1.

Active duty military personnel assigned to public quarters are not affected by this change.

Type/Number of Bedrooms	Shelter Per Month	Utilities Per Month	Total
Capehart -- Sierra (4)	\$ 922.50	\$144.30	\$1,066.80
Capehart -- Panamint (4)	713.10	144.30	857.40
Capehart -- Coso (3)	795.90	142.80	938.70
Capehart -- Panamint (3)	687.30	142.80	830.10
Capehart -- Joshua (4)	693.60	144.30	837.90
Capehart -- Tamarisk (3)	542.40	142.80	685.20
Capehart -- Yucca (3)	634.50	140.40	774.90
Capehart -- Juniper (3)	537.00	142.80	679.80
SSG -- Saratoga (3)	597.60	142.80	740.40
Hill Duplex (3)	540.30	137.10	677.40
Hill Duplex (2)	456.60	109.50	566.10
SOQ (4)	1,277.40	159.30	1,436.70
SSQ -- Sage (3)	767.40	165.60	933.00
JOQ -- Rear Terrace (3)	716.40	142.80	859.20
JOQ -- Front Terrace (3)	667.80	142.80	810.60
JOQ -- Front (1 bath) (3)	561.90	132.00	693.90
JOQ -- Rear Terrace (2)	589.20	128.10	717.30
JOQ -- Front Terrace (2)	530.10	128.00	658.20
MOQ (3)	630.60	132.00	762.60
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# Washington Scene

## Gen. Powell applauds Desert Shield force

WASHINGTON (AFIS)--Operation Desert Shield has been a superb effort by a dedicated and professional force. And neither friend nor foe should doubt the commitment of that force to the successful completion of its mission.

That was the bottom line of Army Gen. Colin Powell's prepared statement to the Senate Armed Services Committee late last year.

*"...No other country could have... even contemplated doing what we have accomplished."*

The chairman of the Joint Chiefs of Staff reviewed deployment efforts, multinational support, the coalition and Iraq and U.S. force assessments associated with Desert Shield operations.

"There is no doubt," said Powell, "that this has been one of the largest and most successful deployment operations in our nation's history. No other country could have attempted or even contemplated doing what we have accomplished."

According to the JCS chairman, the task airlift had accomplished since the begin-

ning of operations was equivalent to moving the entire city of Richmond, Va., a distance of 8,000 miles.

By the time all committed forces arrive in the Persian Gulf region, 35 nations will have provided ground, naval and air personnel and equipment as well as economic aid to the region's countries.

"With more than 200,000 allied troops en route or in place alongside U.S. forces, a credible collective security force stands ready to defeat Saddam's aggression," declared Powell.

Iraq's current threat is backed by conventional armed forces that represent the sixth largest army in the world. He said Iraq also has a substantial chemical weapons capability and the means to deliver them--artillery, rockets, missiles and aircraft.

But, noted Powell, Iraq's missiles are relatively inaccurate. Coupled with the significant defensive measures coalition forces have taken, he raised doubts about the true treat of Iraq's chemical weapons against military forces. Instead, they may be primarily useful only as a terror weapons against innocent civilians.

Another threat to friendly forces the

general noted: "Iraq is also developing biological weapons agents and working feverishly to obtain a nuclear capability."

*"The speed and precision of the U.S. response to Iraq's aggression... has awed the world."*

The Joint Chiefs chairman discussed contributions of the National Guard and Reserves. "The success of the Guard and Reserve participation in Desert Shield cannot be overemphasized," said the chairman. "Their participation has been a significant factor in affording us flexibility and balance and reinforces the policies and decisions made over the last 10 years to strengthen the Total Force concept."

He concluded his statement to the committee saying, "The rebuilding of our military forces that has occurred over the past decade, with the emphasis on modernization of aging combat equipment, training and readiness has paid off."

"The speed and precision of the U.S. response to Iraq's aggression, when requested by our friends in need, has awed the world."



**Gen. Colin L. Powell, USA**  
Chairman of the Joint Chiefs of Staff

## Many join U.S. in honoring Dr. M. L. King

More than 130 foreign countries observe Martin Luther King Jr.'s birthday. Nearly 40 of them have issued commemorative stamps honoring the civil rights leader, and many have named churches, schools, buildings, streets and plazas in his honor.

Perhaps the most impressive undertaking is the ever-growing Martin Luther King Jr. Memorial Forest in Galilee, near Nazareth, Israel. Hundreds of trees are added to the forest during his birthday month each year.

Started in 1976 with 39 trees--one for each year of King's life--the once-barren land in northern Israel now boasts more than 10,000 trees, according to Bernice Sherbow of the Jewish National Fund of America in Silver Spring, Md.

A grove of 1,000 trees was planted in the forest last January in honor of the late Leonore Siegelman, a fighter for civil rights in the Washington, D.C., area and founder of the King memorial forest, said Sherbow. It was Siegelman who convinced businesses and other organiza-

tions to contribute money for the forest. Jewish school children in the United States help raise money to keep it growing. Israeli school children learn about King and his works.

Each year, the Israeli Embassy in Washington, D.C., and the Jewish National Fund of America co-sponsor a tribute to King. Each year, one Jewish American and one African American are honored for contributions to the civil rights movement.

In 1968, Sweden dedicated Martin Luther King Jr. Plaza opposite the University of Uppsala, which dates back to the 1500s.

"An initiative is under way in Mexico City to name a street in Martin Luther King Jr.'s honor," said Gregorio Luke, first secretary of the Mexican Embassy in Washington, D.C. "He is admired and well-respected throughout Mexico for his struggle for civil rights in the United States. He was a world figure who represented hope, freedom and equality in all countries."

Mexico has also issued a

postage stamp in King's honor. The United States issued a stamp in 1979. Other countries that have issued King stamps include Venezuela, Ecuador, India, Chad, Paraguay, Niger, Virgin Islands, Senegal, Yemen Arab Republic and Samoa.

"The stamps we have were issued between 1968 and 1980, so there may be a lot more that we don't have," said Joe Geraci of the Smithsonian Institution's Philatelic Collection Department. "There was a stamp with King and the pope, issued on Sept. 18, 1964. The Republique Du Dahomey issued a stamp with the words: 'We Must Meet Hate With Creative Love,' printed in French, English and German."

Rome has a Martin Luther King Jr. High School on the Via Gardinetti, said an Italian Embassy spokesman in Washington, D.C. There are also other schools in Italy bearing King's name, the spokesman added.

The Paris Mint struck a Martin Luther King Jr. commemorative medal in 1981.

King received the Jawaharlal

Nehru Award for International Understanding posthumously, said Dayakar Ratakonda, information officer of the Indian Embassy in Washington, D.C.

The award is named in honor of India's first prime minister. A follower of Mahatma Gandhi's philosophy of nonviolence, King is held in high esteem in India.

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## Officers rescue unconscious blaze victim

December 22, 1990 is a day two China Lake Police officers will never forget. It was a day when Sgt. Allen King and Officer Ben Birnbaum pulled an unconscious woman out of a burning building on board the Naval Weapons Center.

The ruined structure was the home of Petty Officer 2nd Class Victor Landreth, his wife, Judy, and their four small children -- Arthur, 7; Nichole, 6; Melissa, 3; and Diaman, 1. Also in the home were house guests for the holidays -- Landreth's mother, Mary Jo Landreth; Dawn McComb; Aldra McComb, 9 months; and Aldeel Sayle, 19.

Officer Birnbaum was on routine patrol in the Naval Weapons Center's B Capehart housing area when he spotted smoke coming from 311 Sellars Circle. He immediately

notified the China Lake Police Operations dispatch and requested assistance from the Fire Division, backup and an ambulance.

Just prior to the arrival of Sgt. Allen King, Officer Birnbaum was notified someone was still in the building. Upon Sgt. King's arrival, the two police officers started towards the bedroom window, which had already been broken.

Sgt. King entered the smoke-filled room and discovered Landreth and a friend, Ray Hunt, trying to lift Landreth's mother, Mary Jo Landreth, out the window. With the police officer's assistance, the unconscious woman was lifted out the window into the arms of Officer Birnbaum, who was waiting just outside. As he exited the room, Sgt. King cut his hand on the

broken glass.

The two officers carried the unconscious woman across the street to safety and checked to see if she was still breathing. "She had a strong pulse, but her breathing was rather weak," Sgt. King stated. While waiting for the paramedics, the two police officers once again verified the safety of the other household members.

The cause of the fire was an electrical short, noted NWC Fire Chief Lee O'Laughlin.

A nine-year veteran with the China Lake Police Operations, Sgt. King noted he never had to enter a burning building before. "I've had to face guns and knives, and even responded to a couple of fires, but this was the first time someone was trapped inside." Officer Birnbaum has

been with the force for one and a half years.

Mary Jo Landreth and Aldeel Sayle were admitted to the Ridgecrest Hospital for smoke inhalation and second degree burns. Sgt. King and Officer Birnbaum were checked for smoke inhalation and cuts by the China Lake dispensary.

O'Laughlin noted the two police officers saved Mary Jo Landreth's life. "It is my personal opinion that if it hadn't been for their actions, Mary Jo Landreth would probably have died," he said. "She was already unconscious when they reached her."

"I am thankful they (Sgt. King and Officer Birnbaum) were there," said Petty Officer Landreth. "I don't think we could have done much if they hadn't been there."

## Near tragedy brings rapid and bountiful response to family

*Petty Officer Landreth says help was great*

Navy Petty Officer Victor Landreth and his family brought out the best in the China Lake/Ridgecrest community this past Christmas season. Businesses, civic groups, military members and civilians rallied to the aid of this family when fire damaged their home and destroyed most of their belongings the day before Christmas.

The Naval Weapons Center residents lost their kitchen, dining area and living room to smoke, heat and water damage. "Approximately 99.9 percent of their belongings (including Christmas gifts) was destroyed," said Master Chief John Capazzi, a leader of the effort to help the young family.

FCCM Capazzi said the Chief Petty Officers Association quickly collected \$500 to give to Petty Officer Landreth and his family. The American Legion Post 684 donated \$200 more and firefighters at the NWC fire stations passed the hat and collected about \$200 to help replace items destroyed by the fire.

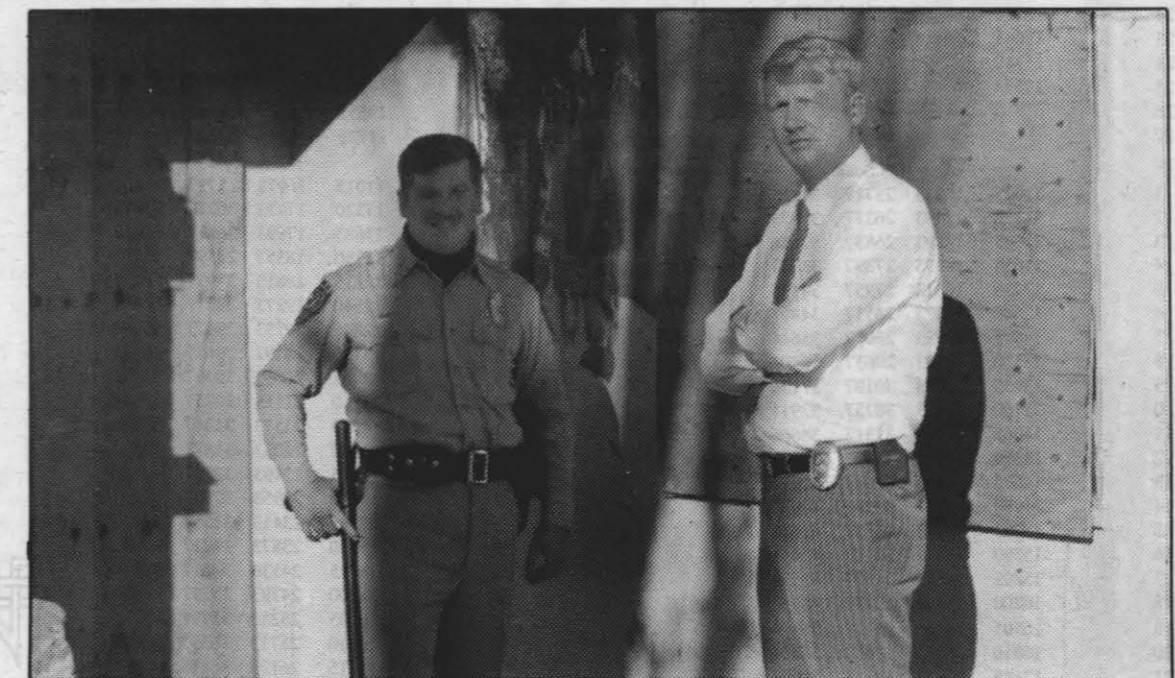
Then, the China Lake Chapter, Navy-Marine Corps Relief Society helped the Landreths buy groceries and opened the Thrift Shop so the family could get needed clothing. Markets in Ridgecrest and private citizens made sure the family had food for Christmas dinner. In fact, Master Chief Capazzi noted they got enough food

for several Christmas celebrations.

The Navy Exchange and K Mart each did their part to put the Christmas spirit back into the family by replacing all of the ruined Christmas presents.

"I couldn't believe the support we received," said Landreth. "The way everyone pitched in to help was outstanding! I wish I could give everyone my personal thanks, but so many people helped that I couldn't even begin naming them."

In spite of the fire, the Landreths and their guests still had an enjoyable Christmas thanks to the caring and unselfishness of the community in which they live. The spirit of the season was truly alive!



**UNSUNG HEROS--China Lake Police officers Ben Birnbaum (left) and Sgt. Allen King stand in front of the window they pulled an unconscious woman out of during a daring rescue mission. Photo by PH3 Cary Brady**

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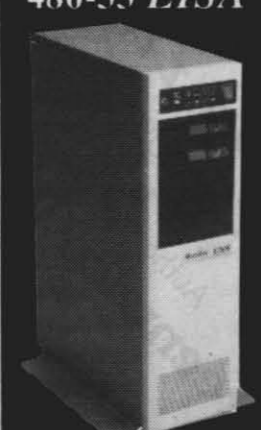
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