paycheck, a great retirement package, and other benefits few civilian jobs can match.

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THE ROCKETEER

THURSDAY, FEBRUARY 27, 1992

By Terry Pascarella

WEPTAC employees see start of their new engagement facility

In formal ground-breaking ceremonies last Wednesday, Capt. Douglas W. Cook, vice commander, Naval Air Warfare Center (NAWC) Weapons Division and Capt. Randy Williams, public works officer, Naval Air Weapons Station, China Lake, presided as the first shovels of desert sand were turned for the newest Weapons and Tactics Analysis Center (WEPTAC) wargaming facility.

Constructed at China Lake in support of the NAWC Weapons Division, the new building represents the final stages of an urgent project begun by the Chief of Naval Operations (OP-50) in April, 1990. The letter from the CNO's office starting the effort read in part, "it is particularly critical . . . that the number of gaming suites in WEPTAC be at least double the current number to ensure that WEPTAC continues to have the ability to isolate the individual functions that are interacting at the battle-group and battle-force level of

This ceremony, just 22 months after the release of the CNO letter, is a tribute to the Public Works Department and WEPTAC team that sped it through the construction cycle, noted Capt. Williams.

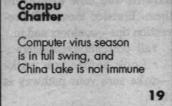
The formal request for construction was made to the Naval Facilities Engineering Command in June 1990 and design authorized that August. Final review was completed in April 1991 and congressional approval came last November. Mertz Construction of Inyokern was awarded the construction contract early this month. Completion date is 210 days from the start of work.

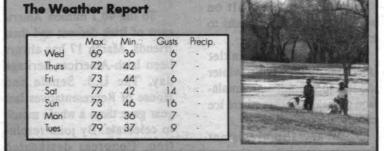
WEPTAC is the Navy's unique multi-station, interactive, playerin-the-loop, computer aided, battle level wargaming facility. It is one of the few simulations that looks at the total battle force requirements-Are the platforms positioned to maintain communications? Is the fighter approaching an Aegis firing zone? Can a potential blue-on-blue engagement result? Are tankers properly placed?

Please see WEPTAC Page 13

CO's Desktop

Mailroom and Post Office going to the right places at the right time





Pulling the plug at Echo Range

Univac 1230 computers are turned off to make room for a better, faster way

Women's History

Science and engineering isn't just for the boys anymore if it ever was



THE BIG TIME—Construction workers busily prepare one section of the stage that will support grant speaker towers and other equipment for full-blown concert of name rock groups Saturday.

Dune Tunes '92 set to rock on Saturday-

om Blackmore, director of the Morale, Welfare and Recreation (MWR) Department at China Lake says everything is in place for a successful Dune Tunes '92 concert Saturday. Three top acts are ready to rock the desert with live music, Blackmore added. The show starts at noon, Feb. 29.

With R.E.O. Speedwagon, Kansas and Mickey Thomas (former lead vocalist with Jefferson Starship) on the bill for Saturday, MWR

officials are looking forward to a large crowd from throughout the high desert region.

Among the hits from R.E.O. Speedwagon are "Take it on the Run," "Keep on Loving You," and "Don't Let Him Go." Kansas brings a record of hits including, "Carry on Wayward Son," "Dust in the Wind," "Fight Fire With Fire" and People of the Southwind." Thomas' hit releases include "We Built This City,"

Please see TUNES Page 14

Nearly 40 years ago

Ben Lee left Hawaii for Inyokern

By Peggy Shoaf

wust after Christmas in 1954, Ben Lee left Hawaii, as he told his wife, "for the promised land," in hopes of starting a new life for the family. He recently fondly reminisced about his 40 years of federal service.

Now a senior formulations chemist in Explosives Development Branch in the Ordnance Systems Department at China Lake, Lee started his federal career in the Army, later switching to the Air Force. "I spent a total of 39 months on active duty during World War II," he said.

It was during this time he met his future wife, Betty, on a blind date. "We went dancing on our first date and have been dancing ever since," Lee reminisced. He admitted they still celebrate the anniversary of the day they met, as well as their wedding anniversary.

After the war, Lee brought his bride home to Hawaii, where he attended the University of Hawaii. Wanting to do something different, he decided to finish his schooling at the University of Illinois. Since he had been stationed in Illinois for a while when he was in the service, he felt he and his wife would be happy there.

"Of course, going to school and living on \$105 a month from the GI Bill wasn't that easy," he

He heard about the Naval Ordnance Test Station (NOTS), Inyokern, and picked up and kept a recruitment brochure. After graduating with a

Please see LEE page 5

China Lake Calendar

Thursday, February 27 Building 60 farewell, 11:30 a.m.

Saturday, February 29

• "Dune Tunes 92", Schoeffel Field

Monday, March 2

·Babysitting Class, Child Care Center, 4 p.m.

Tuesday, March 3

 SAME host Lee Kaylor at monthly meeting, 11:30 a.m., Seafarer Club.

Wednesday, March 4

CLWISE meeting, 11:30 a.m., Carriage Inn.

Thursday, March 5

 Code 36 Chili Cookoff, judging starts at 10 a.m. Wing 8 of Michelson Lab

Saturday, March 7

Seabee Ball, 6 p.m., Seafarer Club.

THE ROCKETEER

NAVAL AIR WARFARE CENTER - WEAPONS DIVISION COMMANDER

RAdm. William E. Newman VICE COMMANDER Capt. Douglas W. Cook

DEPUTY COMMANDER

FOR RESEARCH AND DEVELOPMENT William Porter

DEPUTY COMMANDER FOR TEST AND EVALUATION

NAVAL AIR WEAPONS STATION, CHINA LAKE

COMMANDING OFFICER Capt. B. J. Craig Jr.

Public Affairs Office CATHY PARTUSCH STEVE BOSTER

BARRY MCDONALD

PEGGY SHOAF Photographer TERRY PASCARELLA

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Commanding



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-2727 or mailed to "CO's Desktop, C/O Code 0033, NAWS, China Lake.

ANSWER

I have a question regarding a concern of a library publication, called The Federal Careers Opportunities. It is a newsletter that is published listing all current federal career opportunities available to

This publication consistently comes in late to the library, which causes problems because the publication has cutoff dates on when people must respond to the jobs being advertised. I'ved talked to the librarian about this and she says they have had the subscription agency run a tracer and that the publication is getting to China Lake in a timely way. I think people are looking at it prior to sending it on to the library. I would appreciate you looking into this. Thank you.

We have researched your complaint with the Ridgecrest postmaster and other China Lake subscribers regarding the late delivery of Federal Career Opportunities. The Ridgecrest postmaster provided the following information: the post office has no record of a tracer from the publisher for this publication; this publication is sent second class mail through the U.S. postal system, with second class mail being processed after all special handling and first class mail.

Usually, this publication is received at China Lake one to one and a half weeks late by all China Lake subscribers. The library has notified the publisher of the delivery problems and have alerted the Guard Mail Section of the Mail, File and Records Branch (Code 3442) of the late delivery problem to ensure immediate delivery of this publication to all China Lake subscribers. Hopefully, this will

Fall prevention ideas

Falls occur when you lose your balance and your footing. In short, your center of gravity is displaced and there's nowhere to go but down! You may be thrown off balance by a slip (on wet sidewalk for example) or a trip (over an obstacle in your path), but once you lose your footing and support, a fall is inevitable.

Slips, trips, and falls are among our most common type of mishap. During the winter months, especially when there is increased rain or snowfall, the number of slips and falls increases. During the last month or so, alone, the Safety Office has had ten reported slips and falls on Station. One can only imagine how may "near-miss" slips were not reported. Most (7 out of these 10 reported falls) have occurred outdoors while trying to negotiate the wet or icy side-

walks, parking lots, entryways

and streets. But, not all slip-

and-trip hazards are outdoors.

These hazards are everywhere.

The fact is, almost all falls can be prevented. All it takes is learning how to recognize fall hazards and how to prevent them. Practice these fall prevention tips-outdoors and in.

Fall prevention reminders

· Look before you walk--make sure your pathway is

· Do not carry items so large they obstruct your vision.

- · Shovel sand or salt on stairs, entryways, and paths to clear ice and snow.
- · Change water sprinkler operating times during winter months to avoid the accumulation of water in areas where ice can develop.
- · Wear slip resistant footwear, especially during wet or icy conditions. Avoid distractions, such as reading, while walking.
- · Loose debris on sidewalks and parking lots should be cleared.

Please see SAFETY Page 10

Pages From The Past

February 26, 1982

Nyswander of the Radar Development Branch were saluted for fabricating powerful transmitters. . . Cecil Glass was recognized for his 35 years federal service. . USGS announced the Indian Wells Valley is a high volcanic hazard area.

Hamilton, Tom Stogsdill. Bill Lalor and Earl Norman development of the head-Earl Grohs was honored as petty officer at NWC. . received a grant for a model library program.

NOTS' W.C. White will

. Randal Walker of the

February 27, 1952

resentatives began their annual fund drive this week. . New NOTS passes were issued last week. . . Don Taggart moved from the Navy Supply Center annex in Stockton to succeed Roy Copperud as civilian public information officer. . . LCdr. W. J. Moran left NOTS for duty at Moffett Field.

Irish-American

To the 40.7 million Americans of Irish descent and their friends, March 17 has always been Irish-American heritage day. The U.S. Senate and House of Representatives last year gave them a whole month to celebrate. By joint resolution, Congress designated March as Irish-American Heritage Month.

Month.

Paul Stewart and Ed

February 25, 1972 Ron Stoutmeyer, Tom

of Code 3043 are working coupled TV gun. . . SKCM the senior active duty chief China Lake School District

March 2, 1962

fly a high-altitude balloon to about 87,000 feet as part of Project Star Gazer. . . A visiting NATO group, headed by RAdm. W.T. Hines watched range tests of the Army's Redeye missile here.

Underwater Ordnance Department left NOTS after seven years for Edwards

American Red Cross rep-

Month celebrated

President George Bush signed a proclamation last year marking March 1991 as the first Irish-American Heritage

IDEAS from Page 11

February 27, 1992

No. 336, Improved Bike Routes, Paul Liesman, Code 62041, improve bike routes by adding lanes and lighting.

No. 337, Delegation of Authority Memos within departments, Shelby Rogers, Code 286, eliminate the need for duplicating/distributing information regarding DOA Memos.

No. 338, Travel Orders to Point Mugu, John Auborn, Code 3573, eliminate the need for travel orders of one day duration to Point Mugu.

No. 339, Color Coded Folders, Anne Yates, Code 3415, uniform colors be used at NPPSO for document cover sheets based on security regs for classified documents.

No. 340, Recycle Styrofoam Peanuts/Cardboard Boxes, Chuck Jones, Code 2723, recycle peanuts and boxes.

No. 341, Property Custodian Inventory, Richard F. Barr Jr., changes to property custodian transfer performance which would help track property.

No. 342, Traffic Flow at Airfield, David Fors, Code 6131, mod to parking lot south of hanger 3 on Neptune Ave.

No. 343, Traffic Flow, David Fors, Code 6131, expedite traffic flow on the Sandquist Road.

No. 344, Privacy Act Statement on Leave Slips, Richard F. Barr Jr., employees be given the privacy act statement

once a year and eliminate the need for attaching it to each leave slip.

No. 345. STU-III Phone Warranty. Kristin Graves, Code 6443, STU-III phones be distributed ASAP to allow

warranty repairs to the units if necessary.

No. 346, CCP Funding, Robert Bloudek, Code 3404, make equipment purchases funded with CCP dollars with Bankcard or SPEDI.

No. 347, HRO Accessibility, Juanita Martin, Code 2854, asks HRO be made more accessible by being open from 7:30 to 4:30 weekdays and not closed at lunch.

Our plan to cut military spending.

THE ROCKETEER

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Please present this coupon when ordering, Not good with any other offer. Customer pays all applicable sales tax. Good only at these locations. Limit six. Offer expires 3/8/92, v. DEL TACO 1992.

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GARAGE SALES

PERSONALS.. LOST & FOUND **HELP WANTED**

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15 SERVICES/SCHOOLS

RESUME THAT WILL "GET YOU THE INTERVIEW". Let our team of professionals prepare your resume. Call before you pay too much. 24 hrs. 619-446-1629. (0226)

20 RENTALS

CLEAN 3BR 2BA W/FP - Patio and large fenced yard. Close to NWC back gate, new elementary school and park. \$695/mo. + sec. dep. Call Jessie 371-3393 wkdays after 6pm. or lv msg. (0226);

NICE 2BR 1BA TRIPLEX - D/W, G/D.

25 REAL ESTATE

The Daily Independent 375-4481

25 REAL ESTATE

kler system. Front yard porch swing.

Covered patio in back yard. Swamp

cool & refrig. air. Carpet throughout

whole house, 3 years old. Asking

\$62,900. 1204 W. Willow Ave., call

35 AUTOMOTIVE

1986 TOYOTA TERCEL WAGON

FOR SALE - Very clean; 66K miles.

A/C, PS, PB, tilt wheel, AM/FM stereo

cassette, newly tinted windows

(June), new Toyo tires (July), luggage

rack, brand new starter & solenoid

Lowbook \$3085; Highbook \$4850

Asking \$4400 OBO. MOVING, MUST

SELL. Call 446-2890 after 5pm or lv.

375-9386 for appt. (0226)

NICE 3BR 1(Newly remodeled)BA, 2. car garage, fully fenced in R/C Heights (New paved street). Ceiling fans in Master BR & Dining area. Wallpapered kitchen and new linoleum. Electric stove and oven, under the counter D/W. W/D hookups in garage. Front yard on auto sprin

Refrig, W/T paid. \$400/mo + sec. 375-

FOR SALE: Beautiful 3BR 1.75BA home near new elem, school and park. Close to NWC back gate. Call to see. \$79,500. Owner/agent, 375-

> 1990 NISSAN HARDBODY PICKUP -Camper shell, carpet kit, alarm, pull-

msg. anytime. (0311)

35 AUTOMOTIVE

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. TUESDAY

83 MERCURY ZEPHYR - \$1,500 OBO: Call 375-4572. (0304)

86 SUZUKI SAMARI - Wht. Conv. 4WD, w/winch, custom wheels, A/C. AM/FM Cassette, Excellent condition. \$3500, 446-7271, (0325)

1971 SCOUT II - \$850. Call 375-3024 after 5PM. (0304)

40 MISC. FOR SALE

5 piece living room set. \$600. 446-

EZ Lift Trailer towing assembly, new in box, \$225 OBO. Call 446-0951.

GREY GHOST COMPOUND BOW W/CASE AND EQUIPMENT. \$450 OBO. Call 375-4572. (0304)

MX RIDING BOOTS - Black, size 10. Great cond. \$70 OBO. 446-7271.

WANTED: Moving boxes for PCS move. Will pick-up. Call 446-4432.

40 MISC. FOR SALE

BABY TOWER w/286 mother board. Co-processor Ide HD controller cord., DGA video card. 5.25 floppy drives, no hard drive. \$400 OBO. Call 446-

KING SIZE BRASS BED, unassembled, never used. Bought brand new in Korea. Double posted corners with marble ends. No mattress, \$300

HEADBOARD for king sized bed, \$150. ARtificial X-mas tree, \$200. Jim Beam Space Shuttle (unopened) \$35.

MUSICMAN 130W tube amp (w/reverb & tremelo) 412 bottom \$550 OBO. AKG Mike w/stand, boom, gooseneck \$125 OBO. Gibson Les Paul Artist \$850 OBO, Call 377-5931, (0226)

SHOEI Full Face Helmet \$80 OBO. Cobralinks M/C Lock (\$150 new) \$75 OBO. Call 377-5931. (0226)

45 PETS & SUPPLIES

FOR SALE - Female Lhaso Apso. AKC Registered. Call after 5pm. 446Attention All NAWC/NAWS/Tenant Activities: Military and DoD

China Lake Baseball?

Are you interested in a Naval Air Weapons Station.

China Lake baseball team? This team would be sponsored by the NAWS, China Lake MWR Department and compete in the Ridgecrest City League! If interested, clip this form, fill it out & Guard Mail it to Tom Blackmore, Director, MWR (Code 19)

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CODE	
MILITARY	DOD
PHONE	
Il am interested	as a: PLAYER, COACH,SPECTATOR



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CLWISE sets talk on Missile Simulation Lab

Dr. B.J. Holden, head of the China Lake's Missile Simulation Branch (Code 3914) will speak on the "Simulation Lab - An Overview," at the China Lake's Women in Science and Engineering (CLWISE) meeting set for March 4 at the Ridgecrest Carriage Inn Banquet Room from 11:30 a.m. to 1 p.m. Lunch is \$6.25. Reservations are required and may be made by mailing a check, made out to "Carriage Inn," to Socorro Williams in Code 225, or by calling her at 939-3317 by Feb. 28.

Publisher addresses military engineers group

Lee Kaylor, publisher of the Daily Independent, will be the featured speaker for the March 3rd meeting of the Society of Military Engineers (S.A.M.E.). The meeting will begin at 11:30 a.m. at the Seafarer Club.

During his presentation, Kaylor will present information concerning the proposed prison for the Indian Wells Valley.

Reservations are required and may be made by calling Mike Pierce at 939-3411, ext. 316; Darrell Hovde, 939-3411, ext. 360; or Renee Lovern, 939-3411, ext. 412.



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DATE: Thursday, March 12, 1992

PLACE: Carriage Inn, Sierra Desert Room

Seabees, including Battalion Seventeen and Detachment 0217. Naval Construction Battalion Seventeen was established on Aug. 9, 1942 in Virginia,

ATCS Thomas J. Plough and wife Lisa

embers of Naval Mobile Con-

struction Battalion Seventeen,

Detachment 0217, are busy with

preparations for their upcoming Seabee Ball

celebrating the Seabees' 50th Anniversary

and the Civil Engineer Corps' 125th anniver-

sary. Set for March 7 at the Seafarer Club,

the event will be a time of reunion, nostalgia

Rear Admiral Roy L. Dunlap (USNR,

Ret.) is the scheduled guest speaker; Capt.

James R. Williams, CEC, USN, Public

Works Officer at China Lake, will be the

King Bee; and Lt. Mike Crebbin, CEC,

USN, will be master of ceremonies. The

Navy Band from Naval Base San Diego is

providing music for the night. A social hour

starts the event at 6 p.m., followed by a

three-meat buffet dinner at 7 p.m. and the

ceremony at 8 p.m. Dancing begins about

Highlighting the event will be photo, slide

and video presentations of the history of the

and socializing.

9:30 p.m.

where members received training in quonset hut erection, pontoon assembly, welding, pipefitting, diesel mechanics, tank assembly

A few years later, the battalion split into two parts, one of which was integrated with the 17th Construction Battalion and the other became Naval Construction Battalion 120. The 17th Construction Battalion went on and undertook a number of projects, including the construction of a key naval base in

The 17th Construction Battalion was formally inactivated on Nov. 6, 1945 and reactived in August 1962 as Reserve Naval Mobile Construction Battalion Seventeen. With its home port in Port Hueneme, Calif., the battalion is divided into 10 detachments, one of which is Detachment 0217, located at

In the past year, the battalion once again changed names to Naval Mobile Construction Battalion Seventeen

about the Seabees can call Chief Jerry Morrison, Detachment 0217's assistant officerin-charge, at 939-2786.



By Barry McDonald

Rer saying his family was intending to put down roots in the Indian Wells Valley, Senior Chief Thomas J. Plough requested, and was granted, permission to be piped ashore from Capt. B.J. Craig, commanding officer, Naval Air Weapons Station (NAWS), China Lake, So ended the 28-year active duty career of the senior chief aviation electronics technician, last Wednesday, at the Seafarer Club.

ATCS Plough was truly one of those who joined the Navy and saw the world. After boot camp at Naval Training Center (NTC), San Diego, and pre-school indoctrination at Naval Air Station (NAS), Corpus Christi, he attended aviation antisubmarine warfare technician (AX) "A" school in Memphis, Tenn. He spent his career as an AX until last year when the rate was abolished and he was converted to an AT.

After tour at NAS North Island, where he served with Air Anti-submarine Squadron 41 in intermediate maintenance, he returned to Memphis for advanced intermediate electronics school-

Back at North Island, again, he consecutively served with the 25 and 38, as well as a second tour with the 41, air anti-submarine squadrons.

Reporting again to NTC San Diego, Advanced Degree Completion Program (ADCOP) allowed him to earn associate of science degrees in gener-

al math and science and electronics through Southwest College in Chula Vista. Then following yet another tour at North Island, this time with the 37 anti-sub squadron, Plough started his globe trotting with the AIMD at NAS Cubi Point in the Phillipines.

He returned stateside as an instructor with Naval Air Maintenance Training Group detachment 1012 at NAS Moffett Field, where he got involved with computer programming in Dbase and Paradox

Plough then served two independent assignments with Naval Aviation Engineering Service Unit (NAESU) detachments in Guam and NAS Barbers Point, Hawaii, which provided technical support to WESPAC air units. In Guam, as the only military person, he was officer-in-charge (OIC) of a group of 28 civilian and contractor engineers. He also taught computer science and programming, technical math and digital electropnics for Central Texas College while in Guam. In Barbers Point he was assistant OIC of 33 civilians and contractors.

His Navy travels took him next to Misawa, Japan with Mobile Maintenance Facility Charlie, where he did programming on a large mini-computer, supporting the facilities rapid deployment mobilization and logistics efforts.

ATCS Plough reported to the then Naval Weapons Center, China Lake, in December 1990, as Aviation Avionics Division Senior Chief, Please see PLOUGH next page

RAdm Dunlap is guest speaker at Seabee Ball

and demolition. Saipan and the Chimu Air Field in Okinawa.

China Lake.

Anyone who would like to learn more



RAdm. Roy L. Dunlap, USNR, Ret.

Recognition

Hangar 3 Quarters, Monday, Feb. 3: AD3 Robert D. Wandel received a Good Conduct Model.

AMHAR James W. Wallace received Aircrew Designation.

AMNAN David M. Weber received Aircrew Designation.

CTO2 Salamanca B. Farrington received a Letter of Commendation from RAdm, Isaiah C. Cole, Commander, Naval Security Group Command.

AD2 Ray D. Gardner received a Letter of Commendation from RAdm. D.P March, Commander, Carrier Group Five and EAWS designation. Frockings:

Lt.j.g. Michael E. Corsey was frocked by Capt. B.J. Craig, commanding officer, Naval Air Weapons Station, China Lake, on Jan. 31 in the CO's conference room.

AT3 Joaquin O. Ancona was frocked by Cdr. Gil Baron on Monday, Feb. 3, in the Hangar 3 conference

Lt.j.g. Julie Toft was frocked by Capt. Craig in his conference room on

AK3 Christopher S. Cottle was frocked by Cdr. Baron in the Hangar 3 conference room.

Reenlistments:

AMS2 Darrell Harvin reenlisted for five years on Feb. 7. Reenlisting officer was Lt. M.M. Williams.

PH1 James C. Jaworski re-upped for two years on Feb. 10. Reenlisting officer was Lt. Adam E. Paterson.

PR2 Mark E. Mason reenlisted for three years on Feb. 11. Reenlisting officer was Lt. Williams.

CTO2 (AW) Mark A. Collins was reenlisted for six years by Capt, G.S. Lum, U.S.A.F., a friend from high school, on Feb. 13.

AMSAN Daniel D. Rodriguez reupped for three years on Feb. 14 Reenlisting officer was Cdr. Baron.

PRCM Albert W. Burton reenlisted for six years on Feb. 24. Reenlisting officer was LCdr. B. A. Slobodnik.

PLOUGH from Page 3

where, among other duties, he automated (programmed) the division's reporting system. "The airfield had a lot of computers, but no one knew how to program them," he said. "So I was called on a

The Aviation Supply Division was using an antiquated Dbase program, which he promptly brought up to speed, and after learning "C," Ada and Advanced Revelation (AREV) programming at the China Lake Training Center, he wrote a program for AIMD in AREV.

The letter of appreciation from Capt. Craig, read by Aviation Avionics Division Officer, Lt. Fred Butler, noted, "Your efforts have resulted in division workcenters receiving grades of 'outstanding' and 'excellent' from the Naval Aviation Maintenance Organization Inspection Team. Your positive attitude and assistance to military members and civilian employees has greatly enhanced communications and understanding throughout the Naval Air Weapons Sta-

Capt. Craig first presented Lisa Plough with a certificate of appreciation. "There are no adequate words to express the appreciation to the spouses who support military members," he said. That presentation seemingly over, as Lt. Butler handed him a dozen red roses, he said, "Oh...these are for you, too. He (the senior chief) would look a little funny with these."

After saying he was glad the Ploughs would be staying in the area, the Skipper presented Plough with the NAWS photo album, Code 61 Plaque, Purple Sage and Dust Devil certificates, the President's certificate of appreciation and the Fleet Reserve Certificate and Pin. "Looking at the certificate," Craig said, "This just basically says we gotcha for two more vears!"

Plough said they had always planned for him to get out of the Navy when they could afford a home of their own. "As it turns out, we couldn't do it until we got here," he said. After being raised under the protective arm of the U.S. Navy at bases overseas, Plough said later, China Lake was attractive to him, because he didn't want to expose his two sons (John, 12 and Edison, 10) to life in a major metropolitan area.

February 27, 1992

He thanked his wife profusely for "hanging in there" through all the overseas duty. He noted, at one station he had to wear a beeper and it went off regularly in the early morning. During hard times for the Navy, when he wanted to get out, he said, it was Lisa who convinced him to stay through retirement. "You've been the wind beneath my wings," he said.

Plough told The Rocketeer, "I have no regrets about the time in the Navy. All of my jobs have been totally rewarding and challenging. I was given opportunities few sailors get to experience. The two NAESU assignments and the ADCOP training was especially meaningful."

Now he's on the job trail, looking for work in computers, and hopes to go to work for a contractor either here or at Edwards Air Force Base.

False CHAMPUS claims may lead to prosecution

If a claim that's submitted to CHAMPUS includes a billing for services, supplies or equipment not furnished to or used by a CHAMPUS-eligible patient, the entire claim will be denied.

This is true regardless of how large or small the fraudulent billing is, compared to the total billings on the claim.

Claims that have already been cost-shared by CHAMPUS, and are audited and found to include fraudulent billings, may be partly or completely denied. CHAMPUS may act to recoup funds paid on a claim that includes fraudulent billings.

Persons who submit fraudulent claims may be prosecuted.

March Madness Sale and Spring Fashion Values promise NEX savings

March not only brings in warmer weather, but also two special savings events at the Navy Exchange (NEX). The March Madness event is happening now through March 1.

Next is the Spring Fashion Values, which will run March 11 until March 15.

The NEX's annual March Madness event is a traditional time to save big on everything the family needs for the coming spring

On Friday, Feb. 28, Payday Specials will feature savings on items throughout the store. In the Jewelry department, save 25

percent off all 14kt. gold diamond stud earrings and 30 percent off all 14kt, gold neck chains and earrings. Nike men's activewear and athletic shoes will also be 25 percent off the regular, low NEX price.

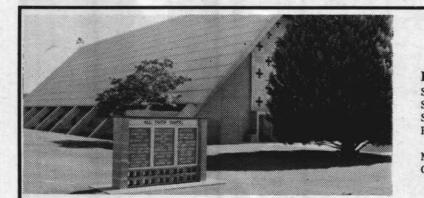
Spring Fashion Values is a change to update the family's spring wardrobe. Choose from a great selections of famous brand name clothing like Champion activewear and Dockers casual wear for men

Circulars for both events are now available at the China Lake

Fleet Reserve Association **Meets March 2**

Branch and Unit 95 of the Fleet Reserve Association and the Ladies. Auxiliary will meet at 7:00 p.m., Monday March 2, 1992 at the Branch 95 home, corner of Lauritsen and Entwistle China Lake

All active duty and retired Navy, Marine Corps and Coast Guard personnel, their wives, mothers, sisters, daughters and granddaughters (over sixteen years old) are urged to attend the meet-



Chaplain S. A. Casimano, LCDR, CHC, USN Chaplain G. L. Goodman, LT, CHC, USNR Andrew Paley, Student Rabbi ng Impaired Equipment, Nursery Available Phone 939-3506, 2773, 2873

All Faith Chapel Services

Protestant Sunday Worship Service, East Wing 8:00 a.m. Sunday Worship Service, Main Chapel 10:30 a.m. Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m. Bible Study (East Wing), Wednesday 11:30 a.m. (September thru June) Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m. Officers' Christian Fellowshin/Christian Military Fellow ps, 7:00 p.m. East Wing, Thursday

Jewish (375-0385 Messages) Weekly Services (East Wing), Friday 7:30 p.m. Adult Hebrew Lessons (East Wing), Saturda 3:00-5:00 p.m. (September thru June) Religious Education (East Wing), Sunday 9:30 a.m.-12:30 p.m.

Roman Catholic Sunday Mass, Main Chapel Daily Mass, Small Chapel Confessions, Weekdays Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandy 1008-10 Blandy & 1903-05 Mitscher Scripture Classes, Tuesdays (October-January) St. Ann's Parish Hall Islamic

9:00 a.m 11:35 a.m. 10:15 a.m. 7-8:30 p.m. Jumaa Prayer, Friday (1002 Blandy) 12:00 p.m. AFICOde 187

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And when a decision has been made just place your order. We'll take care of scheduling, pick-up, installation and assist with plant accounting. It's that easy!!

It's not often that a program offers you this much flexibility and freedom of choice. For more information or to place your order, please call Tammy or Vicki in our Ridgecrest office at 619-375-7771.

Don't delay. Trade-In and Trade-Up today!!



619-375-7771



LEE from Page 1

because I had a degree."

degree in chemistry, Lee received his commission as a second lieutenant in the Air Force Reserves. He decided

He took a job in a department store. "In 1953, a

recession was on and I couldn't get a job in my field," he

explained. "It turns out, the department store hired me

After a few months, he sent his Form 57 (now SF-

Discovering his wife was pregnant with their first

171) to Ray Harrison, head of NOTS Personnel Depart-

ment. "Ray wrote and told me to come on out," he said.

child, Lee wrote back and told Harrison he couldn't

come until after the baby was born. "He wrote right

back and told me not to worry, a job would be waiting

When the baby, Benjamin Jay, was only a few months

old. Lee left and came to California at his own expense.

"I arrived at NOTS on a Greyhound bus with only the

clothes on my back," he said. "I remember stopping at

all these little stops, Hollywood, Saugus, Palmdale and

Lancaster. I asked the driver if my stop was soon, and he

Upon arriving at NOTS, he immediately went to

Housing to find a place to live. Because it was just after

Christmas, he was asked to come back after the holi-

days, when more people would be around. When he

explained he couldn't wait that long; he didn't have a car

He then asked when he could send for his wife and

son. "Housing told me I could send for them in about

two years," he said. "Housing was short and only GS-9s

Because of a misunderstanding, Personnel had listed

him as a physical science aid, a GS-5 position. His low

just laughed, saying I still had a long way to go."

or money for lodging, he was assigned quarters.

or higher and professionals received housing."

to return to Hawaii to wait for his orders.

when I could come," marveled Lee.



WEIGH-INS begin for the Drummond Nutrition Month Weight Loss Challenge.

Nutrition Month challenge issued

China Lakers can join other Ridgecrest area residents in a Nutrition Awareness Month Challenge sponsored by the Drummond Medical Group. To help people to take the first step in lifestyle change, a non-profit weight management program, "Weight for Well-

ness" is offered during March by Lorraine Baty, registered dietitian at Drummond. The program seeks a gradual weight loss of 10 pounds in 10 weeks. For more information on this program, call the Drummond Medical Clinic at

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What's Happening

All area residents are invited to attend the World Day of Prayer service set for the Ridgecrest United Methodist Church at noon until 12:50 p.m., Friday, March 6. The church is at 639 N. Norma St. This year's theme is "Living Wisely With Creation." Child care is available and refreshments will be offered following the service.

Little Deer Durvin's Satin and Silk will present "Family Affair," a fashion show benefit for Community Connection for Child Care, on Sunday, March 1, at the Elks Lodge (201 E. Church Street), starting at 2 p.m. The cost is \$8 per ticket. For more information, call 446-3414.

On March 2 and 16, from 8:30 to 11 a.m. and from 1 to 3 p.m., the Kern County Health Department, 250 W. Ridgecrest Blvd., will hold its monthly immunization clinics. The clinics provide an opportunity for children and adults to receive immunizations, including the Haemophilus influenza Type B. Cost is \$3 per vaccine, with a maximum charge of \$10 per family, per visit. For more information, call 375-5157.

Kern County Health Department's Pregnancy Screening Clinics for the

Ridgecrest office, 250 W. Ridgecrest Blvd., will be held from 8 to 10 a.m. on March 3, 10, 17 and 25 by appointmen only. Appointments may be made by

holds meetings on the first Friday of language and deaf culture are welcome to attend the monthly meetings. For more information, call 377-3445 or 375-9613 (Voice/TDD).

with Toastmasters is available at NWC. The China Lake Toastmasters Club meets every Thursday from 6 to 8 p.m. at the China Lake Training Center. Club membership is open to everyone -- military, civil service, contractors and civilians. Visitors are always welcome. For information, call Socorro Williams at

Social Security representatives will

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only. Appointment calling 375-5157. Interested in learning sign language A Sign Language Club, sponsored by the High Desert Deaf Support Services, each month. Anyone interested in sign

The opportunity to become involved

be at Ridgecrest City Hall, 100 W. California Ave., on the second, third and fourth Thursday of each month, unless that day is a federal holiday. For more information, call 1-800-772-1213.

rating didn't qualify him for housing, only a tiny room in Dorm 13, which is now the Safety Office. "They didn't realize I had a degree in chemistry," he explained. "and because I didn't know how the system worked. I didn't know I should have been rated higher."

900013000000 5KT

With a heavy heart, he started work immediately in the Test Department. During the next few weeks, he met many people, including some who had just graduated from college themselves. "They were in higher positions," he said. "I couldn't understand it. Why were they starting out at a higher level?"

Upon the urgings of his new friends, who felt he should be in the Junior Professional (JP) Program, he went to Personnel. The mistake was discovered and he started as a chemist in the JP Program in February 1955. "I completed two tours on the hill (Salt Wells area) and one in the Chemistry Department," he said.

Because of his "promotion," he was assigned a trailer.



40 YEARS—Capt. Cook congratulates Ben Lee.

Lee explained that at the time, the area which is now Public Works, housed a number of trailers for the NOTS workers. "It was small, only eight-feet wide and 33-feet long and located at 806 Sixth Place. The hot water heater was so small, it ran out of hot water!" he said.

With a home, Lee could finally send for his wife and son and things started looking up. "After a humble beginning, things kept getting better," Lee stated. "We lived on the base for 19 years and my second son, Jeff, was born in Ridgecrest."

During his China Lake career, Lee has published 33 technical reports and papers, received five patent awards and been recipient to 15 incentive awards. In June of 1982, he received the Technical Director's Award. "That was a big moment," he said proudly. "I enjoy having that big block of wood in my living room."

He has worked on Maverick, ASROC and Sidewinder and with damage resistant explosives and gun propellants. Most recently he's worked on the Tomahawk highdensity propellant and the Trident D-5 simulant.

"It was nice being on the ground floor," Lee said. "I've seen lots of changes. I would have to say the most significant change has to do with paperwork. There's more paperwork now than ever before. Environmental issues are also making an impact. We can't even pour water down our sink anymore!"

But despite any small annoyances, Lee said he has no intention of retiring soon. "I enjoy my work and feel I am still being productive for the Navy. I haven't even taken the retirement course vet."

Lee received his 40-year federal service pin late last year. He noted receiving his pin the same time Rex Smith received his 50-year pin was special, since Smith was one of his first supervisors.



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44MB Bernoulli cartridge tripak #S0700377 Seagate 1GB SCSI hard drive (1,037MB, 15ms) #ST41200N

Some added items (you can order them now): Novell 2-PC network starter kit #88300181100

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Caere Typist OCR scanner #Typist Plus/Mac for
Mac version or #Typist Plus/IBM for IBM Cyrix math coprocessor for 386 computers 25MHz #83D87-25 or 33MHz #83D87-33

Computing Technology

ADP SPEDI News

memory, IBM 1ea 1MB 70ns SIMM #1MBX9-70 memory, Mac 1ea 4MB 70ns SIMM #4MBX8-70

memory, Mac 1ea 4MB SIMM #4MBX8-80 SyQuest 44MB disk cartridge #SQ400 Farallon Connector, 8-pin miniDIN #PN308 for Sun workstations: 4ea 4MB #4MBx9-80

interface for all Bernoulli drives: Mac intfce #S0700337-Mac-1B; IBM intfce #0700210, IBM parallel-port intfce #S0700351-PPA-KIT Pinnacle Micro CD-ROM internal, IBM & compatibles, incl controller & CD-ROM #PCD-100 super 2-to-4-way automatic parallel data switch #PSS-P4, Serial 2-to-4-way auto switch #PSS-S4

90MB Bernoulli internal (req intfce) #S0700427 Syquest 88MB disk cartridge #SQ800 Veitek math coprocessor for 33Mhz 486 com-

puters w/Weitek socket #4167-33 CMS 250MB IBM internal tape drive #DJ-20

Wellness

By Betty Miller

The blood draw began this week and continues through March 20. The blood analysis includes total cholesterol, high density lipoproteins, low density lipoproteins, triglycerides, glucose, and total cholesterol/high density lipoprotein risk ratio. The schedule for the next 2 weeks:

Location

- 28 Feb (Fri) Mich Lab, "Little D" Conference Room
- 3 Mar (Tues) Mich Lab, "Little D" Conference Room
- 4 Mar (Wed) Mich Lab, "Little D" Conference Room
- 5 Mar (Thurs) Engineering Lab, Conference Room 2001 AB 6 Mar (Fri) Branch Medical Clinic
- 10 Mar (Tues) Public Works, Bldg. 981, Conference Room
- 10 Mar (Tues) CLPL, Bldg. 151, Room 10; call Kathy Learman for appt., ext. 7367.
- 11 Mar (Wed) Branch Medical Clinic
- 11 Mar (Wed) EWTES-for appt, send inbox message to Bret Jacobson
- 12 Mar (Thurs) Range System Lab (IOB), Bldg. 32544, Conference Room 123
- 12 Mar (Thurs) Branch Medical Clinic
- 13 Mar (Fri) Branch Medical Clinic

To make your appointment for a blood draw go to any computer or terminal that will connect to the SCFC VAX. If you have access to another VAX on the network, log on and type "set host scfc". Once connected to SCFC, "user name" will appear on the screen. Type in "Wellness". When "password" appears, type in "Wellness"and options will appear for scheduling, deleting, or looking up appointments for the blood draw and physical fitness assessments. If you do not have access to the VAX, call 939-2468, leave name, extension, code, and date, place, and time for the appointment.

If you have questions regarding the blood draw or the upcoming fitness assessments, attend on the the briefings March 4 at 11 a.m. at the Training Center, Room 203 or March 5 at 11 a.m. at the Range Headquarters, Bldg. 31457, Room 104.

Public Works officials postpone power outage planned for Saturday

Public works officials have announced the power outage planned for Saturday, Feb. 29, has been postponed until further notice. The outage was to have affected Lauritsen Lab, G-1 Road, G-2 Road, the airfield, Water Road, Pole Line Road, Thompson Lab, RCC, the sewer farm and the Engineering Lab (behind Michelson Lab).

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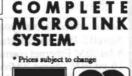
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PC virus season in full bloom

The PC Lab does not EXCESS software. That figure of speech was used in error in the last Compuchatter. We have an excess of re-use software for sale to Government employees to use on Center. It's a great deal at \$5 a package (an upgrade is usually required).

VIRUS NOTES FOR FEBRUARY

Michelangelo is the virus of the day. Discovered in mid 1991, it is already a "common" virus problem due to its rapid spread world-wide. Michelangelo is a memory resident infector of diskette boot sectors and the hard disk partition table. It is roughly based on the Stoned virus, though very different in its behavior.

The Michelangelo virus becomes memory resident the first time the system is attempted to be booted with an infected disk. Regardless of whether this boot is successful, Michelangelo will become memory resident. Total system and available free memory, as measured by the DOS CHKDSK program will typically decrease by 2,048

Once Michelangelo is memory resident, it will infect disks as they are accessed. It will also infect the hard disk partition table when the user attempts to access a file on the hard

Michelangelo activates on March 6, at which time it will format the system hard disk. Since this virus was first detected around the middle of 1991, it is crucial to use current versions of virus detection software.

It is recommended that all personal computer users install and frequently use current virus detection software, available from the P.C. Lab (x 6631). If assistance is required or if a virus has been detected, contact the Virus Incident Response Team (VIRT) at extension 6631.

The latest virus detection software available in the PC Lab is Scanv86, available on 5F(1,4) and 3F(1,2) inch disks, please bring an exchange floppy

The following is a list of commercial software products that have been reported to contain the virus. This is by no means a conclusive list:

1. Leading Edge IBM compatible personal computer systems shipped between Oct. 27 & December 1991.

2. Verbatim Pre-formatted 1.44Mb disks (Lot numbers unknown).

3. ZYXEL U-1924E Modem (Accompanying software is infected). 4. Virtual Reality Laboratories "Dis-

tant Suns" software program. 5. Software Perspective "The Clip"

6. Easy Data, Model 386 personal computer (software is infected).

7. Trident VGA Company "Video

8. Information Management Consultants, AUVA 350/25 386 personal com-

9. DaVinci Systems Corporation, E-Mail 2.0 demo disks and 30 day kits.

10. Meridian Data Inc. CD ROM extension software

Please keep your virus detection software current, scan your hard disk periodically, and scan all floppies. Most importantly, keep a current backup.

For more information call the PC Lab for assistance.

Computer Security office warns users of computer woes

China Lake computers are not immune to viruses currently making the rounds in the computer world. Some of these viruses are spreading from new software, purchased directly from the

As the CompuChatter column, elsewhere on this page, this week notes, the Michelangelo virus is expected to go active on March 6 and the Irish or Grain of Sand virus may activate on March 15. Both erase hard drives.

The Computer Security Office (Code 2408) recommends:

•Keep systems totally backed up.

·Test new software before installing it. New "shrink wrap" software has been found infected here.

•Do not copy any thing from public bulletin boards.

·Install a virus scan and use it frequently. (Free from the PC Lab with your own floppy).

*If you think your systems may be infected call the PC Lab at 939-6631.

In general, be wary of any disk not your own. There has been an increase in computer virus activity

For additional information call Code 2408 at 939-2079.

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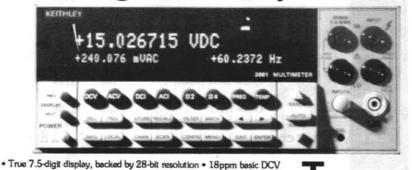
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Warning Use with care. Users have been known to forget their cares for hours. Mathematica may be habit forming and can cause angryspouseus if used at home. Conversely, it may save you time to spend with family.

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SPORTS

MAD team challenges other teams to enter 11th Volkslauf Mud Run

Six Marines from the Marine Aviation Detachment will represent China Lake in the 11th annual Volkslauf Mud Run at Marine Corps Air Station Tustin on March 20.

MAD First Sergeant Hatley, coach and team motivator, is challenging any other China Lake group, military or civilian to form a Volkslauf team and compete in this annual event. Entry forms are available at the Rocketeer office, 902 Nimitz. The deadline is March 6, and the event is limited to the first 500 teams.

China Lake Marines taking part in the race are GySgt. Allen, SSgt. Dixon, SSgt. Vandenburg, Sgt. Rouse and Cpl.

During the recent rainy weather, the MAD team took advantage of muddy, wet conditions to get some training in. With 1Sgt. Hatley urging them on, four members of the team did 10 kilometers

The last Volkslauf was held in 1990 and more than 3,000 runners challenged the mud and mire in Tustin. The Persian Gulf War and aftermath halted the event during 1991

Any other China Lake teams are urged to provide information on their squads to The Rocketeer before the run.

This annual event is run under the sponsorship of the Ridgerunners of Marine Medium Helicopter Squadron 163 at MACS Tustin.

Lake Ming boat races close water to public

On February 29 and March 1, 1992, the Kern County Boat Club and National Jet Boat Association will be conducting drag boat races at Lake Ming. The lake will be closed to all public use, including fishing, on these days and will reopen on Monday, March 2, 1992. The drag boat races are open to the public. There is an admission charge. For further information call the Kern County Boat Club at (805) 872-3241.



MAD VOLKSLAUF team used recent rains to practice running in wet and mud.

Trap and Skeet Club plans Saturday shoot

This Saturday the China Lake Trap and Skeet Club holds the "Rock and Roll Shoot Off" as their monthly special event. This is a 25 trap and 25 skeet shoot, with bonus birds for the total

Sign ups and practice for interested shooters begin at 9 a.m. Competition begins at 10 a.m.

Integrity, efficiency program Call: 939- 3636 (24 hours) or call the Inspector General at

The club is also holding a cash turkey shoot the same day for those interested. Membership in the Trap and Skeet Club is not necessary for competitors.

For additional information, or to arrange trap range access, call Joe Lelis at 375-8715 or Rick Shedlock at 375-

> (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 443-6743 (commercial)

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Black History Month: Gen. Colin Powell earns respect

He was raised in a tough, economically depressed, drug-infested neighborhood. He was not a graduate of a service academy. And he was a minority. Nevertheless, Gen. Colin Powell, at age 54, has risen to be the youngest man and the first black ever to serve as chairman of the Joint Chiefs of Staff.

February 27, 1992

He credits his success to a "powerful" family life and the sacrifice of those who preceded him.

In a recent 60 Minutes interview, Powell told reporter Ed Bradley he came from a tough South Bronx neighborhood where drugs were rampant. "On

every corner there was some pot head or junkie who was trying to sell or deal or get others involved in it. I didn't do it, never in my life, not even to experiment, for two reasons," he said. "One, my parents would have killed me. But the second reason is that we knew it was

The strong family life his parents provided gave him the foundation he needed to carry on, said Powell. "It was a powerful family. But we didn't sit around like the Brady Bunch at night talking about values. I just watched

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how my parents lived. And that's how the family values are passed on."

Powell admitted he got satisfaction from the fact he was not jump-started in his career by being a West Point graduate. He said he thought of himself as a late starter. He sometimes jokes with Joint Chiefs colleagues that he was "Christmas help who stayed on."

In fact, he said, his mother did not accept the idea of his military career. While proud he was in the service, she had expected he would leave the Army after two or three years as other family members had done. He said she had

been distressed that he stayed in and continued to accept duty in such strange places as Germany, Korea and Vietnam.

"She always worried about me until the day she came to my ceremony for promotion to brigadier general, after I'd been in the Army 20 years. By then, she finally resolved herself to the fact that, I guess, he's not coming out to get a job," Powell said.

In 1989, President George Bush picked Powell to be chairman of the Joint Chiefs of Staff. Bush renewed the assignment last October.



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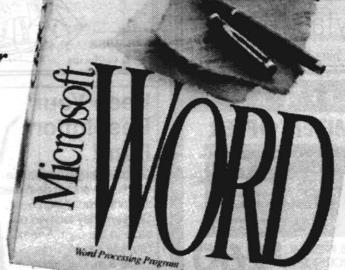
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TECHNICAL HIGHIGHIS

Echo Range pulls the plug on aged Univac 1230 computers

By Barry McDonald

hey called it a "pulling the plug" ceremony. A group of 20 or so gathered in the conference room of the operations center at the Electronic Warfare Threat Environment Simulation (EWTES) Division's Echo Range. They came to pay final respects to the Univac 1230 computer system that had served the range for 25 years.

Senior range managers were unable to attend because of meeting commitments, explained Bret Jacobson, head of the Computer Systems Branch (Code 6447). One "dignitary," Gene Anderson, who retired as Instrumentation Engineering Branch head in 1990, was on hand. The air was charged with mock (and slightly tinged with real) emotion.

"The 1230s have served us well," eulogized Jacobson. "When I came out here in 1985, they told me the 1230s were on their way out the door, but Jimmy Jones and the contractors have kept them running for another seven years." He went on to thank Jones, also of Code 6447, and the crew from Executive Research Associates (ERA)-Marcus Bohanon, Art Gustat, Mark Lindahl, Jake Martins and Mike Stan-

"These guys not only operated the system," he said, "but when it went down, they had the knowledge to get in there and fix it. They've

job keeping us in

Asked to share his feelings, Anderson, now senior scientist with Science Applications International Corporation, said, "This is reminiscent of what has always gone on at EWTES-conchange.



JIMMY JONES powers down old CPUs

Whether it was a new sidewalk, a new building or a new system, this place is always evolving, and that's what made it fun to work here.

"Getting rid of the 1230s," he said, interrupted by chuckles, "is a major milestone for EWTES. It takes the range from the military environment into the commercial environment

Please see ECHO next page

Women enriching the fields of science and engineering

By Socorro Ramirez

What do the inventors of the following have in common?

- · Terramycin
- · Rabies Vaccination
- · Radium
- · Nuclear Fision
- · COBOL
- Trigger for Underground Nuclear Tests
- · Meningitis Serum
- Apgar Score
- · Radioactivity
- · Parity Violation
- · Smallpox Inoculation Give up? More clues to ponder.



founded ecology as a science?

was known as the foremost industrial engineer in the world in 1972?

figured out the calculations necessary to split the atom?

They were all women!

Women have made great strides in science, mathematics, engineering and other technical fields, although they still comprise less than 12 percent of the population holding doctoral degrees in

We Shall Overcome



Careers in these fields offer young women and men opportunities for challenging and demanding work. However, the one factor that acts as a "critical filter," a term coined by Berkeley sociologist Lucy Sells, is secondary school mathematics.

She found a lack of knowledge of mathematics kept many women and





minorities from pursuing scientific fields in undergraduate or graduate school. Coupled with the traditional (erroneous) view that "boys do better in math" and low enrollment of females in upper level math and science courses, the lack of women earning degrees and working in these areas is understandable.

Hopefully, recognition of the above concerns will encourage teachers to develop ways to influence females to enroll and increase their success in math and science courses and careers.

Since women, for the most part, have

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by Marilyn Christensen

Interior Decorator

their contributions have not been included in the everyday curriculum. In celebration of National Women's History Month, the National Women's History Project has issued a new collection of photographs recognizing Outstanding Women in Mathematics and Science. The collection contains 23 photographs and short biographies of women scientist and mathematicians from a wide variety of fields. The Federal Women's Program at China Lake will be displaying the collection on March 4th at the China Lake-Women in Science and Engineering Luncheon. It will also be on display in the Michelson Laboratory Lobby through the month of March.

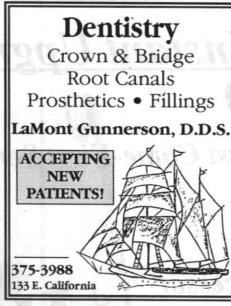
Walls 'n Floors



MUSEUM PIECE—One is headed for exhibit center.

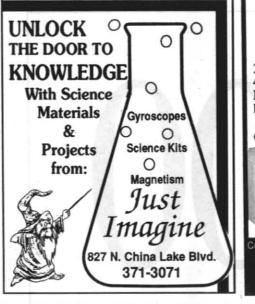


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PREVIEW '92

BRET JACOBSON stands

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flexibility.

e truly is a Renaissance man. And, in this age of specialists, renaissance men are pretty hard to find. Who? Bill McEwan of course. Still asking who? Well, "old timers" on this base need not be reminded of Dr. William S. McEwan, former Research Department's Chemistry Division Head, who was a pioneer figure during his 29 year career with the Naval Weapons Center.

Those who know the Rhodes scholar may recall he was a recipient of the prestigious L.T.E. Thompson award for his organization of the Center's program in chemical research. It was his direction, and maintenance of the program that led to the development of propellant systems for missiles. In addition, his publications in thermochemistry brought not only his name, but the Center's, world recognition and contributed to the advanced knowledge of chemistry.

The chemist was also part of a fourman team awarded the Technical Director's Award for their investigation into the 1973 fire and explosion of railroad boxcars carrying bomb freight in Roseville, Calif., and Benson, Ariz. Dr. McEwan was asked to help because of his ordnance experience during World War II, when, as an Army officer, he analyzed the effect of Allied bombing on Italian and German railroad shipments.

The rest of the world knows the name William S. McEwan as a winner of 57 national and international awards for his sculptures in wood, metal, and stone. His passion for the art form has grown immensely since his retirement in

1976-and so has the disastrous mess in his studio. A visit to his studio is like walking into an episode of the "Twilight Zone." But, the little sign hanging in the midst, piercing through the dust and debris like a ray of sunshine, says it all-"A Creative Mess Is Better Than Tidy Idleness."

and at one time an avid orchid grower, but-he's an adventurer.

In 1939, during a school break at Oxford, he and a friend jumped on a 1938 BSA motorcycle and left England for a tour of Europe. The timing couldn't have been any worse, since WWII war clouds were just beginning to thicken.

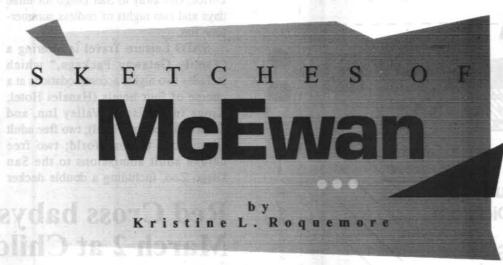


Illustration and Graphics by Kristine L. Roquemore

McEwan is a self-taught sculptor who started carving wood as a boy. His first creation entered for competition was a model of Napoleon and Josephine's wedding carriage. The intricacy and detail of the work is staggering. And, he was only 19 years old when he constructed it. As a sculptor, he is primarily a carver rather than a modeler. The subject matter of his work ranges from Western to abstract and he experiments with a variety of media: exotic woods, steel, stone, and

Not only is McEwan a scientist, an author, a sculptor, a painter, a builder,

"We weren't really bothered by hints of war. We were used to Hitler pulling these little invasion stints," laughed McEwan, "And, they always seemed to happen when we were on vacation."

Things got dangerous in Northern Italy, and the two adventurous souls decided to sit it out in Switzerland. Sit, they did. Just as they got there, the Germans were marching into Poland, the Swiss were no longer selling gasoline, and the British Consul had been stripped of authority.

With only three days to renew their visas, they decided to get out of Dodge lons of gas and the border had just been closed. To make it worse, the French Customs Authority had been turned over to the military, and getting papers stamped was like watching a never ending horror film. Just as the two young students finally got the papers stamped, a French officer decided the numbers on their license plate looked suspicious. Without waiting to find out the verdict, the two jumped on the bike and shot down the road into France. As they sped forward, the friend tapped McEwan on the shoulder and yelled, "You're awfully damn brave. . . I'm the guy on the back that's going to get shot!"

They finally made it to Belgium where the Royal Automobile Club snatched the two and put them on the last boat to England. War was declared the next day.

there. As an Army officer he spent more than three years in Egypt during the African Campaign. He watched the battle of El Alamein in northwestern Egypt from a hill and went down to pick up unexploded ordnance in the aftermath. his doctorate in physical chemistry at at China Lake in 1947.

There is one real point of interest that also took the same shot at the stadium.

"When I was there the sign on the front of the Stadium said Adolf Hitler. It also listed Jesse Owens as the winner of four medals that year. And, the stadium was filled with brown shirts," recalled McEwan. "When Mark was there Hitler's name had been chiseled out, yet ironically, Jesse Owens' name still remained. And, the stadium was filled with Jehovah's Witnesses."

Mark's photodocumentary is in the process of being made into a book, and the producers of the television series "Cosmos" are planning to turn it into a television series.

Bill McEwan has been extremely busy since he retired from the Naval Weapons Center. He embarked on a fulltime artistic career which has become just as successful as his scientific career was. His sculpture exhibitions continue to be seen throughout the United States. And, don't think for a minute he's limiting himself to this one form of art. The new hobby these days is building boats. A true renaissance man, the artist has carved out unique experiences for himself not only in the field of sculpture, but in everything he touches.

and quick. Well, maybe not so quick, since the motorcycle only held two gal-

February 27, 1992

McEwan's adventures didn't stop

He then returned to the States, obtained Harvard University, and began his career

must be added to the WWII saga. McEwan's grandson, Mark Gillespie, while a photography major at Brooks Institute, decided to put together a photo documentary re-tracing his grandfathers steps through Europe. So, he gathered up the 260 photos Bill had taken and spent six weeks finding exact locations of each shot and taking present day photographs to use as comparisons. For example, when Bill was in Berlin, he went to the Olympic Stadium and took a photograph. And, when Mark was there he



and will make the place really hum. This change reflects the spirit of the people here. This is a group of people who really care about what they're doing."

Before leaving the conference room to shut down the system, Jacobson said, "I've been asking around what these old things might be worth today, and I've had estimates from a penny a pound to a nickel a pound. I figured it out at the higher rate, and if we could sell them, it ought to be enough to pay for part of the refreshments at the after-hours party."

The crowd went next door to watch Jones power down the sys-



tem. He didn't really pull the plugs, however; he simply punched three red switches on the wall, and the many flashing Star Trekesque indicator lights on the faces of the units blinked out for the last time.

The seven 1230s had been the nerve center for collecting range data since 1967. They had become extremely outdated, however, in terms of hardware and software. The system could not keep up with the rapidly changing environment at Echo. They were recently replaced by three new Encore 97/80 computers.

According to Jacobson, the new computers are high density integrated circuitry instead of the many discreet components consisting of diode transistor logic found in the 1230s. The old system required a 400-cycle generator, whereas the Encores use standard utility power. Other improvements in the new system include 128 DMIO ports versus 16; operation at 10 MIPS versus threetenths MIPS; and 16 megabytes of internal memory versus 112 kilobytes.

The additional hardware allows for C2 capability, radar slaving, simultaneous weapon simulations and flexibility to handle multitrack systems such as the Global Positioning System (GPS), Jacobson noted enthusiastically

Encore support personnel Chuck Hattendorf and Bob Boisvert will maintain the new system, with Richard Moore serving as technical monitor (TM). Boeing personnel Steve Connelly, Sherry Timmons, Curt Taylor and Bob Lewis will operate the Encores with Karl Weiss as TM.

Jacobson said, "The new computers are working out very well. But if we ever need to use one of those old 1230s, we'll know where to find it-Milt Burford will be setting one up in the China Lake Exhibit Center."

Photos by Terry Pascarella





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AT THE STUDIO: McEwan sculpting a

redwood indian head with his pneumatic chisel

SAFETY from Page 2

- · Use handrails when using stairs.
- · Ensure stairs and walkways are welllighted.
- · Repair or replace loose flooring.
- · Clean up any spills or debris in working area.
- · Secure electrical cords and wires away from walkways.
- · Close drawers and cabinets after every use (a common causes of office falls is tripping over an open drawer).
- · Remove obstacles, such as boxes. stored in walkways and halls.
- · Walk-don't run, and be aware of the slip, trip, fall hazard in your path!

Building 60's productive years scheduled for completion in the near future

Residents of Building 60 (Codes 3263 and 3268) will soon be residents of new \$200K buildings at the CLPL area. Many China Lakers have resided in the historic building over the years,

developing a slew of freefall weapons. But now is being vacated and may eventually be demolished.

The vacating codes are hosting an open house in memory of the building

today (Thursday) from 11:30 a.m. to 12:30 p.m.

Snacks will be provided. All past residents and interested others are invit-

Tom Schultz retirement celebration planned March 19

Thomas L. Schultz, program manager for the Semi-Active Test Simulation program, is retiring from China Lake after 30 years of federal service. A no-host party will be held in his honor on Thursday, March 19, at 5:30 p.m. at the Sea-

The \$7 entrance fee will include heavy hors doeuvres.

For reservations, gift donations, tickets or presentations, contact Millie Haywood at 939-3571, extension 305, or Tammi Johnson at 939-3571, extension 265, no later than March 2.

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bus tour; free hotel stay for children and special \$1.99 meals (in coffee shops only); and free scheduled transportation to Sea World, the San Diego Zoo, area shopping and Old Town.

The package is available through March 31 and a two night minimum stay is required. A credit card guarantee is required, or an advance deposit may be mailed to the hotel, to guarantee accommodations.

Prices range from \$168.24 to \$190.16.

For more information, call SATO Leisure Travel at 446-7751.

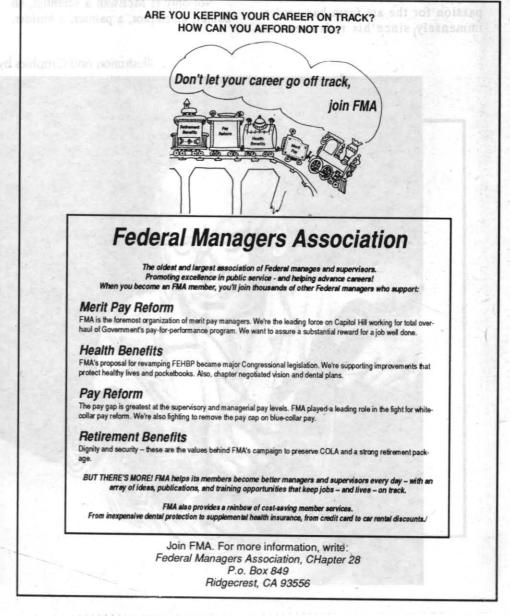
Red Cross babysitting class starts March 2 at Child Care Center

During March 2-25, the Morale, Welfare & Recreation Department will sponsor a Red Cross Babysitting Course in the Child Care Center Conference Room. For youth 10-17 years of age, the course will be held from 4 to 5 p.m. on

Mondays and Wednesdays. Cost is \$8 for military dependents, \$10 for Department of Defense dependents and \$12 for all others. Registration is required and may be made by calling Debra Oliver at 939-2909 or Janet Presley, 939-6681.

MWR CLOSURES SET

Because of Dune Tunes '92, the China Lake Gym' is closed this Saturday. Next Thursday, the NAWS Craftech Center will not open until 11 a.m. due to a special



TUNES from Page 1

"Fooled Around and Fell in Love" and Nothin's Goona Stop Us Now."

Tickets to the MWR-sponsored event are still available for advance sale at several locations. Debra Poindexter, concert coordinator for MWR, said fans of good music can buy tickets onboard the Naval Air Weapons Station, China Lake, at Craftech, the MWR Finance Office, the Seafarer Club, China Lake Golf Pro Shop and the Youth Center. Tickets are

o available at Richer's Music in Ridgecrest. General admission ticket prices are \$15 for military members and dependents (photo identification required) and \$18 for everyone else. VIP bleacher seats are an additional \$3 each.

Concert-goers not purchasing VIP bleacher seats are encouraged to bring blankets to sit on, lawn chairs will not be allowed. Coolers and cameras are also forbidden, due to space and safety concerns and entertainment regulations.

Gates to NAWS, China Lake open to concert fans at 8:30 a.m., to allow patrons to finding parking and get to the concert grounds in time for the show. The seating area will not open until 10:30 a.m. Arrangements have been made for shuttle bus transportation from the remote parking areas.

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Food, soft drinks and beer will be sold during the concert. Coolers and picnic baskets, therefore, will not be allowed through the gates.

"Our prices are very reasonable," commented Blackmore. In addition, tshirts from the bands, commorative, silkscreened t-shirts designed by Poindexter and MWR souvenir items will go on sale before and during the concert.

Because beer is included in the refreshment menu, MWR is offering a designated driver program. Everyone attending the concert will receive a flier explaining how it will work.

Special MWR Script takes the place of cash for food, drink and some souvenir sales during this event. Script books worth \$5 each go on sale on the day of the event.

Several thousand music fans are expected to attend this concert, the first to feature top name entertainment at China Lake in at least 20 years. Blackmore and Poindexter encourage fans to arrive early and miss the last minute

Details of seating and parking arrangements are in the maps accompanying this article. For more information call Poindexter at 939-2081.

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Handicapped parking will be in lot directly south of concert site. Enter Station as directed above and follow signs to handicapped area.

Roads surrounding site (not shown) are

Concept may spread to the other sites

Everyone always wants to know what's going on so here's what's happening with IDEAS. We've talked with suggestion program people in Albuquerque and White Sands and are meeting with our Point Mugu counterparts to develop a common policy related to suggestions/IDEAS. We've talked with Richard Hunter in Code 6411 about getting an internal IDEAS process started in his area. We're working with Code 39 advocate Dee Riggs, to do the same thing. Lt. Chuck Fuller of VX-5 has started working with us in developing his process and getting the military involved. Are you interested in talking with us about getting started with IDEAS? Do you need some help? What can we do to help you encourage participation in a process to capture and recognize innovative thinking? Call us, let's work together.

You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at X2311, E-Mail at SCF::IDEAS or QuickMail addressed to IDEAS in the Code_27_QM.

In the last week these new Ideas were submitted:

No. 329, Tree Removal, Tammy Jones, Code 2623, salvage rights of the trees removed on base be given to MWR.

No. 330, Computer Procurements, Dave Eiband, Code 35B4, one year moratorium on the procurement of both computer hardware and software.

No. 331, Cost Benefit Program, Dave Eiband, Code 35B4, encourage employees to submit cost savings ideas.

No. 332, Banyan Left Margin, Ethel Pierczynski, Code 254, a left margin be created on Banyan documents so the information can be kept in a binder without loss of data.

No. 333, Travel Vehicle, L. Q. Rizzardini, Code 242, modifications to "C" pool trucks issued for TDY travel.

No. 334, PAC Coding Sheet Processing, Sharon Rosenthal, Code 272, better ways to communicate electronically with the composition office.

No. 335, Revision of Supv. Selection, Dev. & Improvement Instruction, Richard Shaffer, Code 36824, update instruction for clarity and to provide more information. Please see IDEAS Page 23

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Sun Technology Day March 5, 1992 The Carriage Inn - Ridgecrest 1000 - 1500

Come experience Sun Microsystems' Technology Day for China Lake. This is a chance to see some of the hottest and latest technologies available to you from Sun, the world's leading supplier of client-server computing solutions. Here are just some of the products which will be demonstrated:

Virtual Reality Secure **Dupont Pixel's** PX100 **Operating System** Suin's MP Server Wavetracer **Clarity Rapport**

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WEPTAC from Page

WEPTAC can be configured to be scenario-specific. It is also one of the few facilities where naval operations and civilian analysts can work side-by-side on the same problem and share views from their different perspectives.

The new facility will comprise a number of individual player suites, an umpire's room and a central computer. Suites can be individually configured to represent various platforms such as F/A-18, E-2, EA-6B, Aegis ships, carriers, threat aircraft and SAM sites as required by the specific game.

WEPTAC provides a number of capabilities to the Navy. It has been used successfully in assisting the fleet in developing new tactics, such as close-to-land anti-air warfare, and is often the first threat aircraft

This newest WEPTAC building is the latest in a series of continuing improvements. The original WEPTAC was designed and developed in the late 1970s and located in temporary structures north of Michelson Lab. Need for a more secure space led to construction of an "Opus" facility in 1986. A computer and software development building came on line in 1988 to support WEPTAC

Phase II. In 1991, the original WEPTAC wargaming facility moved from old Atomic Energy Commission trailers to a construction provides a secure facility to replace the current site and adds addiThe building provides space for WEP-TAC personnel still using the old trailers.



GROUNDBREAKING—Phil Arnold, head of the Weapons Planning Group and Harry Mertz of Mertz Construction do the first shovel honors for the new WEPTAC facility during ceremonies held last week

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PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently sited at NAWS, China Lake and from eligible employees of attached activities who are permanently assigned to the China Lake site. 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 China Lake's commuting area. Applications from other groups will be accepted when specified in advertisements listed herein. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications, by the closing date of the advertisement. Evaluation of applicants qualifications will involve using at least two assessment measures are work experience, annual performance assessment ration and partitive, educament measures are work experience, annual performance assessment rating and narrative, educa-

tion, training, and awards. Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligilibe for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. 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 does not clearly state the task/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 highly recommended 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 adversly affect your evaluation score. 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 any of this information is missing, nber, etc., are current, correct and that all forms are complete and accurate. If any of this information is missing r qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousa Program Eligibles with competitive 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

Application materials are accepted, and blank forms are available, at the neception best, notified after the opening date. Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Thursday, 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 announcement file and cannot be applications are kent in an announcement file and cannot be applications. considered. Copies of Applications may be submitted since applications are kept in an announcement file and be returned or filed in personnel folders. The Naval Air Warlare Center, Weapons Division is an Equal Oppi

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test

ALNAV msq 012/92, Subj: Civilian High Grade

Positions, which freezes all promotions into GS/GM-13, 14 and 15 positions at this time. 2. It is the applicant's responsibility to submit a copy of his/her

latest performance appraisal of record with any

time supervisors and managers are required to

in the Department of the Navy are 12 months.

Those who do not satisfactorily complete the proba-tionary period will be returned to positions of no

lower grade and pay than their former position. 4.

This position is subject to the Performance Management and Recognition System at the GM-13 level. 5. Permanent Change of duty Station (PCS)

is authorized. This vacancy announcement opens 02-28-92 and closes 03-13-92. Submit

No. 007-JM-92. (4) Contract Specialist, GS/GM-

1102-12/13, Code 63PO, PD# P763P04001 NAWC-WPNS Procurement Department

Procurement Division. Duty Station is Pt. Mugu. Selecting official is CDR C. Knight, AV 437-3801, HRD Contact is Jan Meadows at Point Mugu, AV

351-3261. Area of consideration: Current

appointable employees at NAWC-WPNS at the GS-12 or GM-13 grade levels or equivalent Demo level.

Summary of Duties: This position is established

Procurement Department. The position is responsi-

ble for the technical management of acquisitions supporting either technical directorates or tenant

activities. Quality Ranking Factor: Knowledge o

grade levels. Selectees will be reassigned at cur-

rent grade level in accordance with ALNAV msg 012/92, Subj: Civilian High Grade Positions, which freezes all promotions into GS/GM-13, 14 and 15

positions at this time. 2. It is the applicant's

sponsibility to submit a copy of his/her latest per-

rmance appraisal of record with any application

filed against a vacancy announcement. 3. This position is subject to the Performance Management and Recognition System at the GM-13. 4.

Permanent Change of Duty Station (PCS) is author

rized. This vacancy announcement opens 02-28-92 and closes 03-13-92. Submit application

No. 24-008 SUPERVISORY SECURITY SPECIAL

IST, DA-080-2/3, CODE 2433 - This position is

Head, Personnel Security Branch, Security Division, Safety and Security Department. The

incumbent supervises, manages, administers, and

coordinates the Station personnel security program.

of Defense, Department of the Navy, and

NAWS/NAWC-WPNDIV regulations and instruction

and procedures; Ability to perform as a first level

esources Department, 505 Blandy.

the principles of acquisition planning. Notes:

ical team leader in a division of the

tion will be filled at the GS-12 or GM-13

ication material to Reception Desk. Room

pplication filed against a vacancy announcement.

Under the Civil Service Reform Act of 1978, first

No. 005-JM-92, (1) Supervisory Contract Specialist, GM-1102-13/14, Code 63PO, PD# P763P02001, NAWC-WPNS Procurement Department. Duty Station is Point Mugu. Selectin Official is CDR C. Knight, AV 437-3801, HRI Contact is Jan Meadows at Point Mugu, AV 351-3261. Area of Consideration: Current appointable employees at NAWC-WPNS at the GM-13 or GM-14 grade levels or equivalent Demo level. Summary of Duties: This position functions as the Deputy for Contract Operations. In addition to performing the full capacity of support of the property of the contract of support of the contract of the contract of support of the contract of support of the contract of the cont forming the full range of supervisory duties, the incumbent is responsible for the successful technical operation of the Department. Duties include acting for the Associate Department Head, long range planning, manpower forecasting, and financial management as well as the planning and implementa-Factor: Ability to supervise through subordinate supervisors (including EEO participation). Notes:

1. This position will be filled at the GM-13 or GM-14 grade levels. Selectees will be reassigned at cur-rent grade level in accordance with ALNAV msg 012/92, Subj: Civilian High Grade Positions, which freezes all promotions into GS/GM-13, 14 and 15 positions at this time. 2. It is the applicant's onsibility to submit a copy of his/her latest pe ormance appraisal of record with any application filed against a vacancy announcement. 3. Under the Civil Service Reform Act of 1978, first time supervisors and managers are required to serve a probationary period. Probationary periods in the Department of the Navy are 12 months. Those who do not satisfactorily complete the probationary per od will be returned to positions of no lower grade and pay than their former position. 4. This position is subject to the Performance Management and Recognition System. 5. Permanent Change of Duty Station (PCS) is authorized. This vacancy announcement opens 02-28-92 and closes 03-13-92. Submit application material to Reception Desk, Room 100, Human Resources Department, 505 Blandy.

No. 006-JM-92, (1) Supervisory Contract Specialist, GS/GM-1102-12/13, Code 63PO, PD #P763P03001, NAWC-WPNS Procurement Department, Procurement Division. Duty Station is Point Mugu. Selecting Official is CDR C. Knight, AV 437-3801 HRD Contact is Jan Meadows at Poin Mugu, AV 351-3261. Area of Consideration Current appointable employees at NAWC-WPNS at the GS-12 or GM-13 grade levels or equivalent Demo level. Summery of Duties: This position is the supervisor of a Procurement Division. The pur acquisitions assigned to the Division which supports one or more NAWC-WPNS Technical Directorates or tenant activities. Quality Ranking Factor: Knowledge of contracting principles and procure ment procedures as they apply to Navy RDT&E programs. Notes: 1. This position will be filled at the GS-12 or GM-13 grade levels. Selectees will be supervisor; Ability to communicate orally; Ability to communicate in writing: Knowledge of affirmative action principles including a willingness to implement EEO practices. See "Notice Regarding Drug Testing Positions." Must be able to obtain and maintain a Top Secret security clearance. Promotion potential to DA-3, but not guaranteed. A one year supervisory probationary period may be

No. 24-010, Firefighter, GS-081-6, Code 242 - This announcement will be used to establish the promo-tion register for Firefighter, GS-081-6, which will in effect until March 1993. Duties include driving and operating structural pumpers and a variety of crash fire trucks, responding on ambulance calls as either driver or attendant; inspecting Center's buildings and property; and conducting training classes for trainee firefighters. Job Relevant Criteria: Knowledge of locations (streets, water distribution, alarm/detection systems, building content and layout etc.); Knowledge of firefighting; Ability to operate firefighting apparatus and equip-ment, (e.g., structural pumpers, crash fire trucks, pumping systems, nozzles, rescue equipment, etc); Ability to direct (proper use of gears, clutch, brakes and demonstrated safe, smooth, effective operations of vehicles); and Ability to carry out assignments with minimal supervision. SUPPLEMENTAL QUALIFICATION STATEMENT REQUIRED. THIS FORM IS AVAILABLE IN BOOM 100 OF THE THE PERSON(S) SELECTED FOR THIS POSI TION WILL BE SUBJECT TO LIBINALYSIS TEST-REGARDING DRUG TESTING DESIGNATED POSITIONS" IN "PROMOTIONAL OPPORTUNI-TIES" BOX ABOVE.

No. 34-024 Lead, Mail/File Clerk, DG-305-3, Code 3442 - This position is Lead, Mail/File Clerk in the Mail, Files, and Records Branch, Incumbent functions as the Lead Clerk for 5 DG-2 employees who perform the following functions; processing of classified documents, routing of notices, instructions, and correspondence by subject matter, issuing serial numbers for NAWCWPNS and NAWS, preparation of outgoing Registered, Certified, and Express Mail, performing computer input duties and metering mail. Incumbent must be able to interface effectively with all levels of personnel. Job Relevant Criteria: Knowledge of security regulations pertaining to the handling of classified material; knowledge of postal regulations, knowledge of NAWCWPNS and NAWS organizational functions, ability to perform clerical/administrative functions, ability to research, comprehend, and apply regulatory information. Must be able to maintain a SECRET clearance. full performance level of this position is DG-3. Area of consideration is site wide. This ad closes

38-002 Supervisory Interdisciplinary(General/Mechanical/Aerospace Chemical Engineer/Physicist/Chemist), DP-801/830/861/893/1310/1320-3/4, Code 3894 of the Applied Mechanics Branch of the Engineering Sciences Division, Research Department. The branch conducts research associated with hazards of munitions, dynamic behavior of warheads; blast effects in various media; impact and penetration mechanics; material behavior under extremely high rates of strain; and methodology of damage prediction. Job Relevant Criteria: Knowledge of hazard assessment methods; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to communicate orally; ability to communicate in writing; ability to promote programs in order to secure funding; ability to plan organize, coordinate, and manage research pro-grams. This ad will close 5 March 1992. The full performance level of this position is DP-4. The incumbent may be required to serve a 1- year pro-bationary period for supervisor.

No. 39-005, Supervisory Interdisciplinary (General/ Mechanical/Electronics/ Aerospac Engineer/ Physicist), DP-801 830/855/ 861/1310-3/4, Code 39B11 - This position is that of Standard Missile Project Manager located in the Standard Missile Office. The incumbent will report to the Associate Head, Intercept Weapons Dept., Code 3901. The Standard Missile Project Manager is responsible for all aspects of Standard Missile effort at NAWC-WPNS Division, including planning, budgeting, contracting, staffing and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAWC-WPNS Division status, positions, and plans to NAVSEA and to the Standard Missile community outside NAWC-WPNS Division. The project manager will exercise direction of NAWC-WPNS ion in-house efforts and contracted efforts primarily via supervision of a deputy project manager and project office. Job Relevant Criteria: ledge of affirmative action principles including willingness to implement EEO practices; ability to provide technical coordination of a Program Office; ability to interface effectively with on-Center and off-Center organizations; ability to communicate both

lanning, scheduling and expenditures. Promotion

may be required to serve a one-year probationary period for supervisors. This ad will close March 5,

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Amouncements 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

REASSIGNMENT COLUMN

No. 36-005, Supervisory Interdisciplinary (General/Mechanical/Electrical/Electronics/Aero space/Physicist), DP-801/830/850/855/861/1310-4, Code 3606 - This position is Head of the consolidated NAWC-WPNS Harpoon/SLAM/Penguin Project Office. The Project Office is organizationally included in the Engineering Department of the Weapons Directorate of the NAWC-WPN Division. The Project Office is geographically distributed across Naval Air Weapons Station (NAWS) China Lake and NAWS Point Mugu, with the administrative office at China Lake. Routine management of the Project Office is envisioned to include duty times at and frequent, routine travel to both sites. The incumbent will be responsible for the overall management of the consolidated NAWC-WPNS Harpoon/SLAM/Penguin Project Office and will be the single point of contact for all NAWC-WPNS prothe single point of contact for all NAWG-WPNS project tasking from the Program Management Team (PMA-258) located in Washington, DC. The Project Office will manage all Harpoon/SLAM/Penguin government and support contractor activities under the cognizance of NAWC-WPNS. The Project Office will be responsible for developing the annual pro-gram field support budget in keeping with the overall program and fiscal guidance provided by the Program Management Team and justifying that bud-get to the Program Management Team. The Project Office will allocate resources as necessary to accomplish assigned tasks and be accountable the quality and timeliness of those tasks to the Program Management Team. The Project Office will also be responsible for supporting and maintaining long range planning efforts as directed and outlined by the Program Management Team. The scope of responsibilities include RDT&E, production support, and in-service engineering. The Head of the consolidated Harpoon/SLAM/Penguin Project Office must integrate the efforts of the entire NAWC-WPNS team from all of the current in the responsibilities. WPNS team from all of the supporting locations to achieve the most efficient, cohesive organization action principles including a willingness to imple-ment EEO practices. The ability to obtain and main-tain a Top Secret security clearance is required. The individual selected for this position will be subject to urinalysis testing for the use of illicit drugs. See "Notice Regarding Drug Testing Designated Positions" in the "Promotional Opportunities" box. The selectee may be required to serve a one year supervisory probationary period if not previously completed. Full performance level is DP-4. This ent closes 6 March 92. Please send a current SF 171 to T. Conway, Code 36 Department

Secretarial opportunities

This column is used to amounce 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.

cated 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 strangements; (9) ability to maintain and coordinate supervisor's calendar and to

talens, (7) starting a strange 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 1/2/3/4/5/8/9; and department secretary applications 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

SECRETARIAL COLUMN

No. 31-026, Secretary (Typing), DG-318-1/2, Code 3135 - The incumbent will provide secretarial support to the Electronic Warfare Systems Development and Assessments Branch. In addition, this position requires someone willing to learn SPEDI, perform as Branch CCP, track weekly spending and eager to continually improve office processes. Knowledge and experience on the MacIntosh II computer is highly desirable. The incumbent must currently posess or be able to obtain a TOP SECRET clearance with SBI. The urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGbox above. The full performance level of this posi-



Naval Air Warfare Center-Weapons Division Naval Air Weapons Station, China Lake **Announcements**



GOVERNMENT SURPLUS AUCTION

Local Auction 41-2242 of surplus government property will be held by the Defense Reutilization and Marketing Office (DRMO) at China Lake on Thursday 19 March

The auction will begin at 0900 in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the 240 items to be offered will be books, Thomas Registers, personal be involved. Please be prepared to discuss computers and printers. Mactablets. theodolites, editwriters, parachute scrap, sary site support. Informal discussions of drill grinder, electrical and electronic equipment and components, typewriters, hardware, and bicycles.

The items will be on display for inspection from 0730-1430 daily except weekends beginning Monday, 16 March. A complete list as well as sales terms and conditions can be seen at Building 1073, Warehouse 41.

day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be ment is made. Payment must be in cash or guaranteed instrument (cashier's check, money order, traveler's check, etc.). Purchasers will have until 27 March to pay

Because the DRMO is located within the Naval Air Weapons Station's interior securithat proper arrangements will be made. ty fence line, prospective bidders without a Questions of a technical nature can be NAWS pass must stop at the main gate Visitor's Center and obtain a pass before coming aboard. Everyone must present 3573) photo identification and may be subject to vehicle inspection before being allowed entry to the station.

Hours of operation at Sandquist Gate are 0600-0800, 1100-1300, and 1500-1800. Those wishing to reach the DRMO at other times must use Lauritsen Gate. Both routes are indicated in our auction catalog.

For further details, contact Phyllis at Building 1073, ext. 2538. (Code 97)

LONG JUMP '92 ORIENTATION MEETING The Naval Air Warfare Center Weapons

Division (NAVAIRWARCENWPNDIV) is planning the fifth of a series of long range aircraft signature measurement exercises. The exercise, called Long Jump '92, will take place during August 1992. The main objective of the test has been to provide a test site, controlled targets, meteorological measurements, and local support for contractors and government laboratories wishing to evaluate state-of-the-art electro-optical, laser range finder, and other sensors. Long Jump '92, however, will be expanded to include long range targeting, target identification, automatic target identification. and targeting in a cluttered background. It will also provide a forum to demonstrate tact Linda Roush, ext. 5575 or Tom new technologies, such as time and tem-

perature stable focal plane array detectors. Target signature measurements and high resolution atmospheric transmission measurements will also be made.

Potential participants are invited to attend an orientation briefing scheduled for 17 March 1992 beginning at 0830 in Room 1000D of Mich Lab. The meeting will be unclassified and will include discussion of the topics in which all participants should requirements, desired targets, and necesprevious Long Jump test results will be held directly following the meeting. These discussions will be held at the secret level.

Because this test opportunity is being extended to a number of potential participants and meeting space is limited, it is requested that representation be limited to three people from each organization and that attendance also be limited to those Registration will begin at 0730 on the organizations whose hardware is expected to be available for testing in August 1992. Laser range finder participants must have lasers that are eye safe at the aperture. removed on the sale date provided full pay- The meeting is being coordinated by Caroline Parrent (alternate Valerie Rogers) NAVAIRWARCENWPNDIV, Code 3573. Attendees other than Government employees should send their name, social security number, and company by FAX (619) 939-3139 or AUTOVON 437-3139 to ensure directed to John Crecelius, ext. 2237 or Valerie K. Rogers, ext. 3515/3341. (Code

HAZARDOUS MATERIAL DISPOSAL TURN-IN AND FUNDING

Effective 16 December 1991, the DOD Comptroller Office ruled that all hazardous material will be funded for disposal before turn-in to the Defense Reutilization and Marketing Office (DRMO). This ruling includes empty drums, lead-acid batteries, compressed gas cylinders, asbestos pipe, oil-filled transformers, and PCP-impregnated wood ammunition boxes. Future turn-ins will be refused without properly annotated documentation. For more information call Greg Bland, ext. 2538. (Code 97)

CHINA LAKE SIGAda ANNOUNCES "GET TO KNOW SIGAda (AND GRACE HOPPER WAKE)"

Say farewell to the matriarch of COBOL and coiner of the "bug." Come and meet the folks involved in Ada developments in your community. There will be few, if any, boring speeches. Win prizes and enjoy refreshments. This event will be held at the Seafarer Club on Thursday, 5 March, at

If you have any questions, please con-Roseman, ext. 4812. (Code 31C)

NEW INGRES USER'S GROUP

All INGRES programmers and users are cordially invited to attend the kick-off meeting for the INGRES USER'S GROUP. Curtis Wilcott will be presenting a discussion of the INGRES upgrade to Version 6.4. The meeting will be held on Wednesday, 4 March, 1000-1100, at Mich Lab Room 1000D.

The goals of the meeting are to share problems and solutions (lessons learned) and to introduce new technology. For more information or questions, contact Margaret Graham at 499-5656 or Esther Baile, ext. 1251. (Code 2723)

McLAUGHLIN RESEARCH CORPORATION CONTRACT

Code 3641 carries the NAWS Video Maintenance and Repair contract (N60530-90-C-0047). McLaughlin Research specializes in the repair and maintenance of all professional video and support-related equipment, i.e., video cameras, monitors, TVs, and VCRs (both ground and air-

For service, call Buck Daugherty at 371-2110 For contract information call Kathy Bangs, ext. 2440. (Code 3641)

CHEMISTRY DIVISION SEMINAR SERIES A seminar entitled "Langmuir-Blodgett

Films as Sensors" will be presented on

Friday, 28 February, at 1300 in Conference Room #1 in Lauritsen Lab by Prof. Jerome B. Lando from Case Western Reserve University, Cleveland, Ohio. Pyroelectric Langmuir-Blodgett (L-B) films prepared by alternating monolayers of polymerizable amine and acid amphiphiles will be discussed. Detailed characterization of the films has been accomplished and the pyroelectric coefficient has been measured. Other possible approaches to ultrathin ferroelectric films will be presented. The chemical sensing properties of phthalocyanine L-B films for oxidizing gases were investigated. The L-B films were deposited on silicon chips with a built-in micro-heater and temperature sensing diode for rapid control of the sensing film temperature. Sensitivities to NO2, Cl2, Br2, and I2 were measured at various temperatures. Sensors with different film thicknesses were fabricated and tested in Cl2 gas. An analytical model considering adsorption, desorption on the film surface, and diffusion through the film to describe the behavior of the sensor to gases is proposed. The results show that the conductivity change arises from both the surface and bulk For more information contact Geoff

Lindsay, ext. 1630. (Code 385)

SUN LOCAL USERS GROUP MEETING The Sun Local Users Group will meet on

topic for this month will be file manager and its capabilities. All Sun users and system administrators are invited to attend. For more information, contact Kelly Bousack, ext. 3014 or E-mail at kelly@sunman (bousack@scf). (Code 2711)

ATTENTION CCPs!! NEW PROCEDURES FOR USPS **EXPRESS MAIL**

United States Postal Service (USPS) Express Mail is permitted for the transmittal of Secret information within and between the 50 states, the District of Columbia, and the Commonwealth of Puerto Rico when it is the most cost effective method of transmittal, given the constraints of time, security, and accountability. USPS Express Mail is the only express mail authorized for the transmittal of classified material.

The USPS Express Mail envelope may now serve as the outer wrapper. Under no circumstances will the USPS Express Mail form 11-B, waiver of signature and indemnity, be executed even for Confidential mail. Additionally, the use of external (street side) express mail collection boxes s prohibited.

Classified material transmitted by USPS Express Mail will be prepared as instructed prior to this change. For further information, contact Mary Plumhoff at ext. 3546. (Code

ORDNANCE CERTIFICATION IS REQUIRED

Past inspections and recent walkthrough surveys of NAWC/NAWS China Lake office and shop spaces have turned up inert ordnance used in displays and as training items but lacking the inert certification required. The need for such certification was emphasized in OPNAVINST 8020.13: "A number of accidents have occurred involving explosive materials in displays and training items which were thought to be inert or to be nonexplosive. Ordnance items displayed as souvenirs or decorative items have been discovered to in fact be "live" items which presented unnecessary exposure to danger for the civilian and/or military communities." Personnel and codes who have these items should ensure that they have been properly certified. NAVWPNCENINST 5100.6D, Chapter IX, paragraphs 6e and 7r, give local implementing guidance. For further information, call the Safety Office at ext. 2315 or 2367. (Code 2405)

RECYCLING CENTER NEEDS A SHEAR

The Recycling Center needs a shear because we cannot ship products containing glue to the recycling companies. We need this shear to cut the backs off books. magazines, and other bound materials

A power shear capable of handling materials 2 inches thick is ideal, but we are 3 March at 1130 at the Hideaway. The willing to look at any available equipment.

WORD, ADVANCED (16 hours)

Goettig, Consultant.

Word 4.0

the table

the graphic.

Workshop

Enrollments are filled as first request FILEMAKER PRO (10 hours)

30-31 March; Monday-Tuesday, 0800-

Prerequisite: 6-months experience using

In this course you will learn how to use:

1. Style sheets: automatic and custom

based on, next style, copying and pasting

styles, linked styles, changing and editing

2. Tables: multiple page tables, combin-

Advanced graphics: cropping, resiz-

Presentation Method: Hands-On

Enrollments are filled as first request

SELF-STUDY

By: PTS-Personal Training Systems

use FileMaker Pro to: change, duplicate

and create layouts (report forms); edit

check and mailing labels; change layouts;

use columnar layouts, totals, subtotals and

percentages; do file lookups: use warning

messages; use repeating fields; split

repeating records; time calulations; import

Scope: In this course you will learn to

ing, position command, flowing text around

4. Indexes, custom menus

6 Tips keyboard shortcuts

5. Advanced formatting

Deadline: 16 March

received, first approved.

ing, merging and splitting cells, sorting in

1600; Training Center. By: Donnie

Also, we are cutting this material for salvage, not production, so rough cutting shears will work just fine.

Please contact L. R. "Tree" Crabtree. Recycling Program Manager, at ext. 3432, or via E-Mail at SCF::TREE, if you have any information about an available shear. (Code 008)

XEROX ENCRYPTION UNITS PURCHASING CONTRACT

Code 2741 has an Indefinite Quantity, Indefinite Delivery Contract (N60530-91-D-0024) for the purchase and training of Xerox-brand encryption units. These units have been endorsed by the National Security Agency to process materials up through Top Secret. At this time, the units can be installed only on a stand-alone (not allowed on the NWCNET) local area network (LAN) for encrypting. The units are IEEE 802.3 compliant.

There is a 30-day delivery on receipt of order by Xerox.

If you have any questions, call Annabelle Lipinski at ext. 3427. (Code 2741)

IRM DISPLAYWRITER **EQUIPMENT MAINTENANCE**

The Information Resources Acquisition Management Branch (Code 2741) has a-Centerwide contract for maintenance repair, and preventive maintenance of IBM word processing equipment (this includes Displaywriter Systems, Mag Cards, Composers, and Memory 50/100 typewriters). This is a per call service contract. The cost per call is \$48.00 an hour with a 2hour minimum plus parts/material and a Code 2741 service center charge of 12.5%. For service, call National Microcomp Inc., (800) 766-4667. If you have any questions. call Annabelle Lipinski at ext. 3427. (Code 2741)

HARDWARE MAINTENANCE

Maintenance for the following hardware can be obtained by calling the PC Lab Help Desk at ext 2575

- Hewlett Packard
- Apple

- · Generic brand personal computers and
- · Most peripherals to the above systems, Typewriters

Some hardware upgrades are allowable and will be handled on a case-by-case

Software analyst support is also avail-

To obtain maintenance, call ext. 2575 with the following information: (1) point of contact, (2) alternate point of contact, (3) phone number, (4) location, (5) equipment bar codes, (6) serial number, and (7) job order number

For more information or questions, contact the Information System Resources Acquisition Management Branch, ext. 3396. (Code 2741).

WACOM LUNCHEON MEETING

On Tuesday, 10 March, Marilyn Christensen, an interior decorator and owner of "Windows, Walls, and Floors," will make a presentation on new looks for 1992

This monthly meeting will be at the Seafarer Club with a social period at 1100 and lunch at 1130 followed by a brief meeting and the program.

WACOM members may make reservations by calling Mary Martin at 375-4052 or Eleanor Rockdale, 446-6925 no later than

RETIREMENTS

NAOMI MULHERN

Naomi Mulhern is retiring after 29 years of federal service. A luncheon in her honor has been scheduled on Tuesday. 3 March 1992, from 1130-1230, at the Seafarer Club. Menu selections will include: 1) chicken croissant, 2) light plate (chicken or hamburger), or 3) club sandwich.

Each menu selection will be \$8.00 and includes lunch (with drink), tip, and gift. For reservations, or to make a presentation, please contact Rosemary or Joanie (Code 00), Admin. Bldg., Room 2020, ext. 2903/2201. (Code 00)

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal emergencies and will be in a nonpay status for at least 10 days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN NOTICE 12630 provides specific information regarding how to donate annual leave. Send your approved request to Code 221. For additional information, call ext. 2018.

Richard L. Lackey, Electrician Work Leader, Code 2673

Richard L. Lackey is recovering from severe pneumonia

Anne H. Yates, Technical Writer/Editor, Code 3415

Ann Yates will be undergoing surgery and is in need of leave for a 6-week recovery period

Jesse Ray Lewis, Jr., Police Officer, Code 2413

Jesse Ray Lewis, Jr., has been off work for several months due to back surgery and complications resulting from the back surgery.

Carolyn A. King-DeLeon, Engineering Data Management Specialist, Code

Carolyn A. King-DeLeon is in need of leave to care for her husband during his 12 weeks of intensive metabolic treatment to regain control of his diabetes.

Judy A. Eldredge, Code 2862

Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for Acute Lymphatic Leukemia.

Tammy L. Berry, Personnel Assistant, Code 224

Tammy L. Berry exhausted all her leave providing care for her mother during her mother's lengthy illness.

Carolyn M. Crump, Electronics Technician, Code 6442

Carolyn M. Crump underwent surgery and is indebted for leave.

Tammi L. Thom, Staff Assistant, Code 2502

Tammi L. Thom is presently ill and is indebted for leave.

Salleye S. Wakeland, Secretary, Code 35B3

Salleye S. Wakeland is suffering from anxiety attacks, migraines, and side effects from the medication prescribed for these conditions.

Linda Harinek, Purchasing Agent, Code 254

Linda Harinek underwent open-heart surgery and is unable to return to work until March 1992.

Sandy Joval, Procurement Assistant, Code 254

Sandy Joyal broke her elbow, has undergone repeated surgery, and is indebt-



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department channels to Code 224. (Code 224)

HOW TO THRIVE ON CHAOS AND ACHIEVE TOTAL QUALITY MANAGE-MENT (24 hours)

24-26 March; Tuesday-Thursday, 0800-1600; Carriage Inn. By: Roger Kirkham.

Prerequisite: Read Chapter 2 of Out of the Crisis, by Dr. W. Edwards Demmina.

Scope: The class outline includes: Facing the Need for Revolution—Establishing worldclass quality and world-class ser-

Management Must Become Obsessed Quality—Establishing constancy of

You Must Identify Suppliers and Customers-Precisely, who do you depend on for your output? Exactly, who are your customers?

 Establishing Precise Understanding of Process Flow-TQM focuses continuous improvement within the process flow

Improve Responsiveness to Customers—Government, business and industry MUST improve customer responsiveness.

The Importance in Management of Understanding Variation—Important benefits of understanding variation. Decide what needs to be controlled

Operational definitions provide measurable indicators. Understanding when a process is in statistical control. Control charts enable statistical control. Types of control charts. How to use control charts. Problems when implementing statistical quality control. Inspection does not achieve quality.

· Eliminate MBO and Work Standards—Substitute Leadership-Why managing by objectives doesn't work. Why quotas and work standards don't work methods.

· Improvement Requires Change and Total Quality Management.

Separate the Vital Few from Trivial Many: Cause and Effect-Types of cause-and-effect diagrams. Benefits from using cause-andeffect diagrams.

· Separate the Vital Few From Trivial Many: Pareto Analysis

· Invest in Improvement -TOM begins and ends with education.

Note: Enrollments are on a call-in basis only, First-to-call, first-to-be-placed To Steps for standardizing working enroll or if you have any questions, call ext. 2686

EMPLOYEE EMPOWERMENT (8 hours) 24 March: Wednesday, 0800-1600; Training Center, By: Luisa Deal,

Intended audience: Any employee interested in becoming aware of and, perhaps, accountable for more than

their formal set of duties. This program can help professionals at any level of the organization assess their potential to be "leaders in every place." Participants learn

empowerment-tapping into their inner resources to achieve results-and in turn, empowering others to do the same. The

- program goals are · develop the entrepreneurial spirit i yourself and those around you,
- recognize the bureaucratic pressures that promote cautiousness and dependency and, then, find ways to deal with
- · create a strong vision of what the organization can be and bring out the best in vourselves and those around you, and
- face difficult organizational realities and no-win situations with clarity and courage.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

ACQUISITION OF TECHNICAL DATA (8

31 March; Tuesday, 0730-1600; Training Center. By: Ruth Barr, Code 3652

Required for enrollees in the TMC or SEC Programs.

The course emphasis is on what the program manager or technical manager, not the practitioner, should know about the development of various types of technical data required to support the phases of the acquisition life cycle of a hardware or software product.

Topics include: configuration/data management, drawings, specifications, computer-aided engineering documentation, software documentation, provisioning, and data repository

This course is an overview intended to show what technical data is, why it is important, and how it fits into the acquisition program.

Deadline: 17 March

BASIC CLERICAL FORUM-TIME KEEP-ING (4 hours)

25 March; Wednesday, 0800-1130; Training Center. By: Martie Smith, Code 2853.

THIS COURSE IS REQUIRED FOR THE SECRETARIAL CERTIFICATE PRO-GRAM. Covered topics will be: basic schedule, flex schedule, flex with holiday, temporary shift change, shift differential, first-forty, four-tens, part-time employees, and working a holiday.

Class enrollment is on a call-in basis. No training request required. Please call ext. 3159 to reserve your space.

Deadline: 11 March

GETTING SMART ON DEMO & GS/GM PERFORMANCE SYSTEMS (4 hours)

25 March; Wednesday, 0900-1400; Training Center. By: Marilyn Newstrom, PMTC and Dan Burnett, Human Resources Department. Intended audience: This class is not for

all supervisors. It is intended for supervithat because NAWC-Weapons Division consolidation, find themselves suddenly supervising employees in differing systems. In the future there will be other training scheduled

for supervisors that are not supervising people in more than one performance sys-

Content: Elements of both DEMO and PMRS Systems including: Merit Pay Systems, Classification Systems, Grievance/Appeal Process, Adverse Action Process, Performance Appraisal Process.

If you have specific questions that you want addressed in class, please state them in Block 16 (course objective) on your

Deadline: 6 March

EQUIPMENT CUSTODIAN (3 hours) 26 March; Thursday, 1300-1600; Training Center. By: Debra Schlick Code 275.

This course is designed to familiarize Equipment Custodians with the new received, first approved. SPAWARINST 11016.2b of 13 July 90. "Accountability for Plant and Minor Property." It will also provide assistance and guidance in the use of Equipment Management forms. It will help Equipment Custodians to understand their duties and responsibilities regarding equipment and accountable assets.

Management responsibilities from equipment acquisitions through useful life and ending with proper disposition will be covered in this course. Also, a way of accessing CERMS through ACC2 network will be explained and a guide handed out.

Enrollments are on a call-in basis. Please call Pat at ext. 3159.

Deadline: 12 March

FMC/FMI (4 hours)

1 April; Wednesday, 0800-1130 Training Center. By: Christiansen, Code 36254.

Required for enrollees in the TMC or SEC Programs.

Scope: This class provides managers responsible for the design, development. and acquisition of DOD platforms, systems, and equipment with the information and guidance necessary to plan and implement an effective program to achieve the necessary degree of EMC.

Note: Because of increased emphasis on E3, program managers and engineers should consider attending this course.

Deadline: 18 March

MACINTOSH SURVIVAL: TROU-BLESHOOTING & DATA RECOVERY TECHNIQUES (16 hours)

17-18 March: Tuesday-Wednesday. 0800-1600; Training Center. By: Data-Tech Institute.

Prerequisite: Basic Macintosh skills. In this class you will learn how to recover lost or damaged files and folders; troubleshoot typical problems; diagnose system error messages; optimize your Mac hard disk; preventive maintenance; virus protection.

This class includes a comprehensive course workbook containing techniques and guidelines and a Mac toolkit that contains troubleshooting tools, grounding tools, and an "Apple Cracker" for trou bleshooting, disassembling, and assembling your Mac.

Note: Please provide a JO# for \$700 for your enrollment. Each student is invited to bring his/her own Macintosh computer. Deadline: 3 March

Enrollments are taken as first request received, first approved

VAX/VMS FOR BEGINNERS (20 hours) 2-6 March; Monday-Friday, 0800-1130; Training Center. By: Daryl Vaughn,

Prerequisite: Some familiarity with computer terminals and keyboards.

Intended audience: Beginning users of VAX systems, nonprogrammers.

In this course you will learn to: log on / log off a VAX system, use the Digital Command Language (DCL) instructions, set up files and directories of files, set file protection, use the PHONE and MAIL utilities, use the VAX editor (ED) to create and modify text files.

Presentation Method: Hands-On Workshop

Note: Enrollment preference will be given to users of installed VAX systems. Please do not request this training if your system is not yet installed. Deadline: 18 February

Enrollments are taken as first request

ADVANCED EXCEL 3.0 FOR THE MAC-INTOSH (16 hours)

23-24 March; Monday-Tuesday, 0800-1600; Training Center. By: Al Goettig, Consultant.

Prerequisite: 6-months experience using Excel, knowledge of computer programming helpful.

In this class you will learn: array formula; worksheet function; database function; self-adjusting worksheet; programmed macros, and custom menus

Presentation Method: Hands-On Workshop

Deadline: 9 March

received, first approved.

INTRO TO WORD 4.0 (16 hours) 25-26 March; Wednesday-Thursday, records lists; use form letters; run spell 0800-1600; Training Center. By: Donnie Goettig, Consultant,

Prerequisite: Basic Macintosh operating

In this class you will learn: basic word concepts; entering text; editing text; saving the document; printing the document; closing Word; character formatting; selecting (character, word, sentence, line, paragraph, entire document); utilities (change, go to, find); using the clipboard (cut, paste, copy); window menu; using key caps (fonts); edit menu (undo, edit again); subscripts and superscripts; paragraph formatting (ruler, center, left, right, justified alignment, paragraph spacing, tab stops, indents, hanging indents, line spacing, paragraph dialog box); page formatting (headers, footers, page set up, page breaks); other features (spell check.

hyphenation). Presentation Method: Hands-On

Workshop Deadline: 11 March Enrollments are taken as first request

received, first approved.

graphics; use graphics tools to make custom forms; create and modify scripts for reports and buttons; archive; import and export records including non-FileMaker

options; use pass words; and define fields. Presentation Method: Audiocassette To check out, call Tammy at ext. 2451

data; set program defaults; create enter

THE MCDOUGALL PROGRAM-12 DAYS TO DYNAMIC HEALTH

By: John A. McDougall, M.D. Scope: This book reveals a revolutionary health and diet program that can help you: lose weight and feel great; reduce cholesterol; lower blood pressure; and decrease or eliminate your need for medi-

cation and unnecessary surgery. Presentation Method: Book To check out, call Tammy at ext. 2451

The NAWS Announcements published by the Technical Information Department (Code 34) and edited by the Electronic Publishing Branch (Code 34121), disseminates work-related information to all Center personnel and is distributed to all departments, divisions, and branches on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 110, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 123, TID Building. Items may be sent by FAX to 446-2619, Code 34121 ATTN: Ralph Kulas, or mailed electronically to TID::ANC via the VAX. Questions regarding editorial policies or objectives may be directed to Code 34104, ext. 3668.