New virus discovered

A new virus has been discovered June 30, in two slightly different strains. The "T4-A, T4-B" virus affects all types of Macintosh computers. These were included with the game application GoMoku, versions 2.0 and 2.1.

When invoked, the virus attempts to alter the System file.

alteration The new virus, in two attempt will be slightly different strains, noticed by the SAM affects all types of Macinantivirus program (and possibly by tosh computers. Gatekeeper, depending on settings). The

alert message that is displayed indicates that "Disinfectant" is trying to make the alteration-whether Disinfectant is installed on the system or not. This is evidently an attempt to fool users into approving the modification attempt, thus allowing the virus to infect.

The change to the System file results in alterations to the boot code under both Systems 6 and 7. The damage may render some systems unbootable, but

will usually result in INIT files and System extensions (respectively) not loading.

The virus also attempts to modify application files on the system disk. These alterations may damage some applications by overwriting portions of

> the programs with the virus code. These damaged applications cannot be repaired but must be reinstalled.

> Once installed and active, the virus does not appear to perform

any other overt damage. At least one version of the virus may print a message when run after a certain number of files are infected by it. This message identifies the infection as the T4 virus.

Authors of all major Macintosh antivirus tools are planning updates to their tools to locate and/or eliminate this virus. Disinfectant 2.9 will be released soon and available free in the PC Lab.

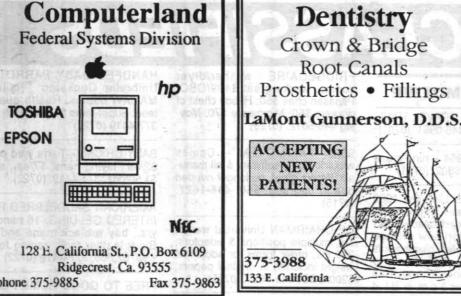
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251 Balsam Street 375-5744

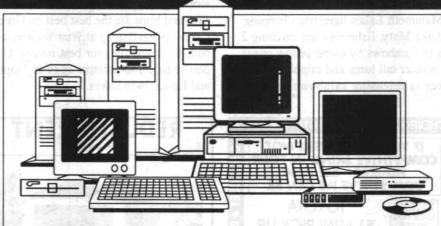
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THE ROCKETEER

THURSDAY, JULY 9, 1992

Vol. 48, No. 27



CUBED—Earthquake activity is plotted, in real time, at the Geothermal Project Office by the Cal Tech U.S.G.S. Broadcast of Earthquakes (CUBE) System.

One theory connects local quakes to activity on San Andreas Fault

By Steve Boster

ocal scientists think the flurry of recent earthquake activity in the Indian Wells Valley may indeed be related to sizable quakes close to the San Andreas Fault more than a week ago.

Dr. Frank Monastero, head of the Geothermal Project Office in the Naval Air Weapons Station China Lake Public Works Department, says he finds strong evidence to support a theory connecting movement in the San Andreas Fault zone to activity in eastern California.

While no significant damage has been reported from more than a week's worth of earthquake activity, NAWS China Lake facilities and employees are at least a little shook-up.

A series of earthquakes in the 3.0 to 4.4 magnitude on the Richter Scale were epicentered under the Lone Butte area, better known as "B" Mountain. These tremors, combined with aftershocks from

last week's Southern California temblors. were the source of most shaking felt here. The latest significant earthquake was a 3.2 shaker at about 4:40 a.m. Monday.

More a case of lost sleep and worry about the "big one," than of real damage to buildings or contents, the week-long earthquake activity served, if nothing else, to make area residents aware of the potential dangers in the Indian Wells Val-

Throughout California, and in particular along the major fault lines, people have been wondering if this unprecedented level of seismic activity was the prelude to the long-awaited and long-dreaded massive quake along the San Andreas

Monastero, talking about the connectivity theory, noted there is 12 millimeters difference between the average annual movement on the San Andreas Fault north of the so called "big bend" near San Bernardino and the area south of the

Please see QUAKES, Page 9

Reva Duggins earns rare recognition with superior civilian nod

By Barry McDonald

eceiving the Navy Superior Civilian Service Award is a rare occurrence and reflects exceptional achievement. Collecting the Superior Award before the usually prerequisite Meritorious Civilian Service Award and long before retirement is even more rare. But rare accomplishment is not new to Reva Duggins, the 13-year China Laker who accepted the award June 11 from RAdm. William E. Newman, Commander, Naval Air Warfare Center Weapons Division.

It is generally unheard of for people to start their careers at China Lake as GS-4s and make GS-12 in just six years; Duggins did that, too.

She shares the honor of receiving the Superior recognition with only one other China Lake woman, Dr. Peggy Rogers, who received it in 1966 and went on to receive the Distinguished Civilian Service Award, the top civilian accolade, in 1980. With more than half a typical civil service career left to complete, Duggins could join Rogers in that distinction as well.

The award came for Duggins' service as Electronic Counter-Countermeasures (ECCM) Requirements and Assessment Manual (ERAM) project manager.

She was nominated by Cdr. Dick Linthicum, head of the Electronic Warfare/ECCM Requirements Office (OP-944D). This is another rarity. Usually nominations come from within the activity from the individual's supervisor, not from Washington sponsors.

ERAM is a set of five documents being developed under the cognizance of VAdm. Jerry O. Tuttle,

director for space and electronic warfare (OP-094) for Chief of Naval Operations. The documents will provide a tool for electronic systems designers that clearly states ECCM requirements throughout the research, development and acquisition (RDA) cycle. They are essentially a clearinghouse of information on the various electronic countermeasure (ECM) threats that certain types of new weapons can expect to encounter and a manual for specifying the counter-countermeasures to meet and beat those threats.

Praising Duggins in the citation accompanying the award, VAdm. Tuttle (soon to become assistant CNO for air warfare (OP-05) wrote, in part, "An articulate spokeswoman, Ms. Duggins' expert presentation of the ERAM program to senior levels within the tri-service organizations resulted in the establishment and full funding of the program...Her tireless and dedicated efforts have provided the acquisition community with unique ECCM evaluation and decision-making tools that ensure systems survivability in any hostile environment."

ERAM development began because the Navy needed systems with good ECCM capabilities, but was not getting it consistently. A 1977 SECNAV instruction required all new systems to address ECCM.

But a 1986 study showed ECCM requirement statements were vague and ambiguous; in all phases of the RDA cycle sponsors found it hard to assess ECCM capability; and in many cases, only current electronic countermeasure (ECM) threats were being considered, without projecting what the threat would be when the system was fielded.

Please see DUGGINS, Page 5

CLMRGers survive McKinley expedition

operience told by Rockweinman, and Roseman

63 55 64 69 70 71



China Lake Calendar

Thursday, July 9

 Meeting of ACDM, CTA conference room (900) Heritage Drive), 3 p.m.

Saturday, July 11

 China Lake Exhibit Center starts Saturday hours, 10 a.m. to 2 p.m.

Sunday, July 12

 Reception for new command chaplain, LCdr. Tom Mele, East Wing of All Faith Chapel, 7 p.m.

Monday-Sunday, July 13-26

Road repairs scheduled at NAWS

Wednesday, July 15

- •NCMA meeting, Farris' at Heritage, 11:30 a.m.
- SOLE meeting, Farris' at Heritage, 6 p.m.

Friday, July 24

•hIDEA dinner meeting, Carriage Inn Conference Center, social hour starts at 6 p.m., dinner at 7 p.m. and the program at 8 p.m.

THE ROCKETEER

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BARRY MCDONALD

Staff Writer PEGGY SHOAF Photographer TERRY PASCARELLA KATHI RAMONT

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THE ROCKETEER



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.

While I realize that MWR is not funded by appropriations, it still seems wasteful for it to duplicate recreational activities that are also being sponsored by the City of Ridgecrest. Some of the local youth soccer teams were forced to play with seven members per team (as opposed to a full team of 11) because the pool of players was split between the city and MWR leagues. In light of recent fee increases for use of MWR facilities, it would seem appropriate to spend the limited funding on unique activities, rather than compete with the city's recreational program.

The Morale, Welfare and Recreation (MWR) mission is to support active duty military and their dependents and DoD dependents, as space is available. China Lake is a military installation with military personnel assigned and who are entitled to an MWR program to the extent funds are available to support it. MWR is not a City of Ridgecrest responsibility

MWR has the ability to provide programs on base where the majority of active duty personnel and their dependents reside. Residents of the City of Ridgecrest are welcome to participate on a space

The MWR Youth Soccer League planning was finalized prior to the city deciding to have a spring soccer season. MWR works very closely with the city and is in no way competing with them for patrons. MWR for active duty military personnel and their dependents is a Naval Air Weapons Station responsibility.

For the record, our fees for youth sports programs have not changed in the past two and a half years and remained the same for this season. MWR receives funding from appropriated and nonappropriated fund sources.

Bush coming to China Lake—not!

Contrary to rumors making the rounds aboard the Naval Air Weapons Station China Lake, President George Bush is not coming to the Station.

An unclassified message was inadvertantly released July 6 stating the president would

arrive at China Lake on July 14. The NAWS Public Affairs Office, in trying to confirm the message, has learned from its counterpart in the Office of the Secretary of Defense that the president is not scheduled to land at NAWS.

Road improvements begin Monday

Charles Butts Construction has been awarded a major road improvement contract for Inyokern and Richmond roads. July 13 and 14, Invokern Road east of the traffic circle will be closed to all traffic for road work repairs. Buildings located on Inyokern Road can be reached from Blandy or Bowen streets. The road will be re-

opened on July 15. Invokern Road from the Main Gate to the traffic circle will be restricted to two lanes of traffic, one eastbound and one westbound, July 15 through

19. To help with the traffic flow, on July 15 through 17 Blandy Gate will be opened from 6 a.m. to 6 p.m., but will be closed on July 18 and 19. Normal traffic flow will resume on July 20.

Additional road work will take place July 20 through 26 on Inyokern Road east of the traffic circle to Richmond Road. All traffic during this period will be routed to alternate routes. This section will be open for full use on July 27.

Please see ROADS, Page 8

Pages From The Past

July 9, 1982

The Fourth of July 4.0 earthquake had its epicente near Tower One, north of Charley Range. . . Pat Rivera was named Civilian of the Quarter by the NWC Branch Medical Clinic. . . Floyd Wegley, a 36-year China Laker, received an award for 34 years of safe driving as a PW Department equipment operator. . . More than \$14,000 was raised in the annual NAvy Relief Society fund drive. . NWC removed 16 wild burros from Center ranges in June. July 7, 1972

Captain Harlan D. Parode and LCdr. Leslie Bender retired at the end of distinguished Naval careers last week. . . Local radio station KLOA joined a nation-wide "Radiothon" effort to raise money for East Coast flood victims, ... RAdm, W.J. Moran administered the oath of enlistment for Kathryn Knemeyer of China Lake as she joined the Army Nurse Corps. . . Chaplains R.E. Osman and E. Middleton led the Third Annual Ecumenical Vacation Bible School at

July 6, 1962

All hands lined up for nspection as the Naval Air facility command was handed over to Capt. J.W. Hough by the retiring CO, Capt. Tag Grell. . . 10-year-old Rita Paine was named Miss Little League 1962-63. . . The NOTS Rocketeer became an eight-page tabloid publication for the first time in recen years, with a new "flag" designed by TID's Lynn Now els. . . Cal Booty was among the original Commissioned Officers Mess members who help the O'Club celebrate its 18th anniversary last week.

Fireman Apprentice Daniel

July 9, 1952

Koonce lost an arm as a result of a traffic accident last week near Owens Lake. . . Twins AA Clarke Garo and AN Edmunde Garo at Armitage Field will marry twins Rose Marie and Mary Catherine Zvonke of Los Angeles. . Jon Mathews, a NOTS physi cist will leave this fall for a vear's study at Cambridge University in Great Britain. . Members of the China Lake Marine Barracks Artillery Group fired a 21-gun salute to the USA on July 4.

FISHING from Page 14

Lake, lots of anglers are still catching their limits. One angler caught a 5 lb., 27-inch-long rainbow by using night crawlers off the south shore. A two-year old caught a 2 3/4 lb. rainbow off the inlet when using yellow power bait.

Limits are being caught on inflated night crawlers at Crowley Lake. One angler caught two 4 lb. browns by using a jointed rainbow rebel.

Mammoth Lakes have been hopping. At Lake Mary, fishermen are catching 2 to 5 lb. rainbows by using yellow coach dry rooster tail lures and cripplers. Twin Lakes is releasing rainbows to those

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using inflated night crawlers, salmon eggs and power bait.

At June Lake, stocker rainbows, averaging 10 to 14 inches, are being released to those using night crawlers and salmon

At Bridgeport Reservoir, shore fishing has been slow. Bait, lures or flies are working best at Virginia Lake, while flies and lures are the best best on Green Creek. When fishing at West Walker, use bait, lures and flies for best results. Use power bait and salmon eggs at Upper and Lower Twin Lakes

DFG sponsors another photography contest

Amateur and professional shutterougs may review a collection of inspiring photographic works covering California's wildlife and environment in the May-June issue of the Department of Fish and Game's bi-monthly magazine, Outdoor California.

Each year the magazine holds a phoography contest, the winning phoographs of which are premiered in a pecial edition

This year's contest has an entry deadline of Dec. 30. Only photographs of live fish and wildlife species in their

native habitat and/or pictures of California's natural environment will be considered. Artificial or human-made features-buildings, fences, power lines, etc.—should be avoided. Photos must have been taken by the person making the entry. Participants are limited to three entries per category.

For official entry forms, telephone (916) 653-6420 or write to the Department of Fish and Game; Conservation Education Office; 1416 Ninth Street, Room 1206-20; Sacramento, CA

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2BR, NEAR NEW, very spacious, garage, fireplace, pet OK. Ask about military, DOD discount. \$475/mo. + \$300 sec. 375-6307

4BR, 2BA, Eastridge Estates. \$800/mo. Call 375-7898. (0708)

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35 AUTOMOTIVE

24 FT. COMFORT TRAVEL TRAIL-ER \$5,550/OBO. 446-0951. (0701)

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MUST SACRIFICE! Like new, 1989 Oldsmobile Cutlass Supreme 2door, air conditioned beauty, gorgeous blue in color! Low mileage and all new tires! High blue book is \$9,400 and low blue book is \$6,775, asking only \$7,500. Call Gary 446-5188 after 5 p.m. or BJ at

40 MISC. FOR SALE

60 FT. OF 4' FENCE \$25, entertainment center \$50, electric lawn mower \$30, 384-4311. (0702)

QUEEN SIZE WATERBED - with mirror headboard, 6 drawers, heater & linens, \$150/OBO, 446-4408 after 5 p.m. (0701)

QUEEN WATER BED SET - 6 drawer pedestal w/bookcase, dresser, \$400; Queen sofa sleeper \$200; Antique maple buffet, \$375; Antique cherry buffet, \$200. Call eves only, 446-3955. (0729)

QUEEN SIZE WATERBED w/6 drawers \$100, 14'x10' brown carpet in NWC duplewx \$300. 446-7720

Papasan chair \$50; Hi-boy chest of drawers \$50. Microwave \$70. Moving 446-5612. (0729)

96/24 FAX/MOTEM - Comes w/quick Link II software & all manuals. Works great, no longer needed due to upgrade, \$50. 446-1627.

DP CHAIRMAN Universal weight set, multiple positions & adaptors, 250 lbs, order forms for additional weight included in original papers, \$200/OBO, 446-1627, (0715)

DOG RUN Tired of having your ani-mal ruin your yard? Want to main-tain positive control over your animal? I have a 20'Lx4'Wx6'H dog run. Fenced on top w/locking gate Dog run also has brick squares for looring. Easy to clean/sanitize w/hose. Must sell; leaving area. \$450/OBO 446-4807 (0708)

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GARAGE BASKETBALL HOOP; \$40 electric dryer \$100, 9x10 lt green rug \$40, 12x12 beige rug \$60, swing set \$75. 446-4683.

CLASSIFIEDS GET RESULTS



Most Eastern Sierra areas releasing limits to anglers

While fishing has slowed at Convict Lake and Bridgeport Reservoir, anglers aren't having any trouble catching their limits in other areas in the Eastern Sierra, notes a report from the Bishop Chamber of Commerce.

Near Big Pine; fishing in the Owens River has been good, with fishermen catching limits by using power bait and worms. Action has been very good at Big Pine Creek. The average size fish

being caught averages about 14 inches. Use salmon eggs and power bait.

Lake Sabrina and Intake 2, near Bishop Creek, are releasing plenty of newly planted Alper's fish.

Fishing has been excellent on the lake near Rock Creek. One fisherman from Lancaster caught a 3 1/2 lb. Alper's fish by using night crawlers.

While fishing is slowing at Convict

Please see FISHING, Page 15

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Cdr. 'Tony' Casimano reflects on his four years at China Lake

Work with smaller faith groups and St. Ann's highlights tour



he was absent, I would help out down

there, filling in. There has never before

been such a consolidation between the

two congregations parishioners tell me.

Members are welcome at either church."

Agnes Winter, the director of reli-

gious education at the All Faith Chapel,

noted she was going to miss Father Tony,

not only as a boss, but as a friend. Chap-

lain Goodman, the assistant command

chaplain, credited Cdr. Casimano as

being a "super boss, very supportive and

The feeling is mutual, as Cdr. Casi-

mano had nothing but praise for his co-

workers. "The staff here has always been

extremely helpful," he said. "The direc-

tors of Religious Education (Agnes Win-

ter, Rosemary High and Eleanor

Hartwig) are the corporate memory of

"I am also truly grateful for the sup-

this office. They have been great.

understanding, a good mentor.'

By Peggy Shoaf

e'll be missed, is an understatement to the many friends Cdr. "Tony" Casimano has made during his four-year tour at China Lake. Leaving the position of Command Chaplain, Father "Tony," as many of his parishioners call him, will depart China Lake July 25 to take up his new duties as senior Catholic chaplain at the Marine Corps Air Station at Camp Lejeune, North Carolina.

While this will be his second tour of duty at Camp Lejeune, Cdr. Casimano noted his duties will be vastly different. During his first tour, he was on the Fleet Marine Force side of the house, meaning he was deployed on ships with the Marines, Casimano said. This time, he will be on the base side and not be deployed.

But no matter what, Cdr. Casimano will never forget his China Lake tour of

After arriving here in July 1988, the new command chaplain was greeted with a \$400,000 roof replacement which presented quite a few problems. Not only did services have to be moved, the construction restricted the comings and goings to the chapel office. Almost immediately after the roof repairs were finished, the small chapel was renovated, causing additional activities to be moved to another location. When that renovation was completed, another upheaval came when arrangements were made with Command to surrender the chapel's annex next to the Children's Center so it could expand. The programs previously held in the annex were moved to the duplexes across the street from the

Looking over his past four years as Command Chaplain, Casimano said he has a lot to be thankful for. Not only did another denomination join the Command's Religious Program, but the cooperation with the faith groups that comprise the All Faith Chapel improved and the Chapel's Catholic congregation strengthened its ties to its neighboring community, St. Ann's.

The inclusion of the Islamic group into the China Lake program was definitely a highlight of his tour, Casimano said. While the Islamic community did use the All

Faith Chapel facilities before his arrival, it wasn't until afterward that the group was officially incorporated into the program, Casimano

explained. "It made gram here somewhat special

because it's not every Navy base that can boast of having four separate distinct faith groups comprising the Command Religious Program," the chaplain said.

Working with the Jewish community was also a joy, Casimano said, especially working with the student rabbis from the Hebrew Union College in Los Angeles. Casimano said he especially enjoyed working with the previous student rabbi, who, he explained, was in the Navy Student Chaplaincy Program. Upon completion of his studies, the student will enter the Navy as a chaplain

Through working with the student rabbis, Cdr. Casimano also developed a close relationship with the college officials. In fact, he was invited to lecture on Medieval Christian/Jewish relations to the college's students. "As far as I know," he said, "that is the first time a Navy chaplain has ever been invited to this college to lecture. I thought it was a great compliment."

He was also invited by the local Jew-

nity to talk to about Catholicism, which in itself was unusual, Casimano said

Father port I have received from Chaplain Goodman. He has been a superb assis-Tony also appreciated tant command chaplain. He has managed to support and relieve me of many of the the interacburdens that go with the job of comtion between the twomand chaplain. He has been a God send, a real God send," he concluded. closely knit Catholic communities, St.

Ann's and

But regardless of the feelings aroused by his imminent departure, Cdr. Casimano feels the Chapel will be in good hands. His replacement, LCdr. Tom Mele, has already arrived. "He has just spent a year in post graduate studies at Princeton University and comes highly recommended," Casimano said. "His reputation is excellent. I believe the people here are going to enjoy him."

Cdr. Casimano felt it was a privilege and honor to help out at St. Ann's when-A "Welcome Reception" has been ever possible. "Monsignor Cleary and I planned in LCdr. Mele's honor July 12 in got along extremely well," he said fondthe All Faith Chapel synagogue (East ly. "He often utilized me to celebrate Wing) at 7 p.m. Everyone is invited to Mass for the kids, not only during the attend this reception to meet the new school year, but special masses. When command chaplain.

Cdr. "Tony" Casimano

Reenlistments

NAWS

AE3 Cesar Astorga reenlisted for four years June 4. Reenlisting officer was Lt. Fred L. Butler.

AD1 Graciand S. Galas re-upped for two years June 4. Ens. John W. Wood was the reenlisting officer.

AO1(AW) Patrick A. Dorman reen-ABH2 Wade S. Eppler reenlisted listed for three years June 5. Lt. William E. Bowdish was the reenlisting officer. AMSAN Robert Otto was reenlisted

June 5 by Lt. Michelle Williams for four

AK2 Jessie G. Hermosura re-upped for six years June 12. Reenlisting officer was Lt. Williams.

AMS3 Michael Hobson re-upped for two years and AMS1 Martin E. Stockton re-upped for four years June 12 with Maj. John C. Ladd presiding.

ATC(AW) Robert C. Ross reenlisted for five years June 12 by Lt. Butler.

for two years June 15. NAWS CO, Capt. B.J. Craig, was the reenlisting officer.

AMS3 Daniel W. Weggesser reupped for two years June 16. Reenlisting

officer was Lt. Chris J. Sonderman.

AC1 Fred W. Bisaro reenlisted for four years June 24. LCdr. John S. Thompson was the reenlisting officer.

the Catholic congregation of the All

Faith Chapel. "It was at St. Ann's I

taught scripture classes for four years

that were available to both congrega-

tions," Casimano said. "A minimum of

100 students attended each time."

ATAN Karl F. Finger was reenlisted for three years June 26 by Cdr. Gilbert H. Baron.

Marine Aviation Detachment

Sgt. Robert A. Baca reenlisted for four years June 8. MAD CO, Col. J.R. Agenbroad was the reenlisting officer.

At two award ceremonies last month Kuwait Liberation Medals were handed

out to Lt. Craig R. Bertolett, AD1(AW) Bruce C. Ormsby, Lt. Thomas M. Furey, Lt. John E. Rose and AD3 Jerry K. Hinkle, who also received the National Defense Service

AT3 Jeffrey D. Marchese was named Vampire of the Month for April and received the Kuwait Liberation Medal and Battle "E" ribbon.

AN Nicole P. Snyder was named Plane Captain of the Month for April and AMS2 Bradley A. Obidowski received a Good Conduct Medal.

EMPLOYEE APPRECIATION

DAY-It.j.g. Brian Abel, head of the Food Services and Billeting Division (left), and Cdr. Chip Mills, NAWS XO, joined civilian employees of the Main Galley for a special recognition ceremony June 23, a week before the galley closed. At right, Doris Rosso, a 17-year employee, served one of just 14 patrons who came for their last meal at the galley June 30.



Photos by Terry Pascarello

CHAMPUS doesn't cover all outpatient rehab services

Freestanding outpatient rehab facilities aren't authorized CHAMPUS providers. Why not? Because many of the services they offer are considered to be investigational in nature, and CHAMPUS is prevented by law from sharing the cost of investigational or experimental services or method of treatment, reads a CHAMPUS News press release.

It's primarily the type.of care that determines CHAMPUS coverage, rather than the status of a particular institution as a CHAMPUS-authorized provider of care. Individual independent professional providers of care (such as physical therapists), who are authorized by CHAMPUS, and are not employed by or under contract to an institution that isn't authorized by CHAM-PUS, might be able to bill CHAMPUS for the covered care they give, even though the institution at which they provide the care is not authorized by CHAMPUS.

Federal statutes and regulations require that CHAMPUS

cost-share only medically necessary services and supplies required in the diagnosis and treatment of illness or injury. Freestanding facilities may offer such services as therapeutic recreation, social services, driving skills evaluation and training, family education, pre-vocational assessment and training, and transitional living-all of which are not medically necessary, and therefore not cost-shared by CHAMPUS.

Medicare has a classification of health care provider known as a "CORF" (Comprehensive outpatient rehabilitation facility). CORFs are not authorized providers of care under CHAMPUS.

There are nearly 2,400 hospitals nationwide with organized outpatient rehabilitation services. Therefore, the lack of CHAM-PUS approval of the 200 Medicare CORFs, or of other freestanding outpatient rehabilitation facilities, has little impact on the access of CHAMPUS beneficiaries to medically necessary outpatient rehabilitative services.

NEX patrons can save big with coupons

Patrons looking for ways to save even more money when shopping at the Navy Exchange might want to start using coupons. The Navy Exchange accepts all types of manufacturer's coupons on products carried in stock. Last year, NEX customers around the world redeemed more than six million coupons and saved more than 10.5 million dollars, for an average savings of \$1.67 per coupon.

Local patrons, too, can get in on the savings by simply clipping coupons for the products they buy and bringing the coupons with them the next time they shop at the Exchange. Special coupons for the Navy Exchange are often included in the NEX Sales Event circulars.

For patrons wanting to get serious about saving money, here are a few money-saving tips.

- . Make a shopping list:
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- · Take advantage of product refunds and rebates, but be sure they're worth the effort and postage.
- · Keep track of how much is saved each week.
- · Keep the coupon organizer in the car for spur-of-the-moment shopping.
- · For extra savings, try to use manufacturer's coupons to purchase items that are already on sale.
- · Check all expiration dates before presenting coupons to the cashier.
- · Try new products—they're often introduced with high-value coupons. Products not liked don't have to be tried
- · Use coupons to stock up on items used regularly.
- · Always present coupons to cashier before purchase.

Coupons and the Navy Exchange add up to terrific value. Couponing saves money, so start clipping.

All Faith Chapel Services



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

Protestant Sunday Worship Service, East Wing Sunday Worship Service, Main Chapel 9:00 a.m. Sunday School, 1008-10 Blandy & 1903-05 Mitscher 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 Fellowship/Christian Military Fellowships, East Wing, Thursday

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

Roman Catholic Sunday Mass, Main Chapel Daily Mass, Small Chapel 11:35 a.m. Confessions, Weekdays Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m Scripture Classes, Tuesdays (October-January) St. Ann's Parish Hall 7-8:30 p.m

Islamic Jumaa Prayer, Friday (1002 Blandy)

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Menu for July 9-17 July 9 - Potato Bar

July 10 — Fried Shrimp & Fish

July 13 — Cajun Stew July 14 — Taco Bar

July 15 - BBQ Beef Sandwich

July 16 — Soup Bar

July 17 - Baked Fish & Fried Shrimp

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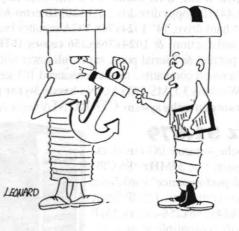
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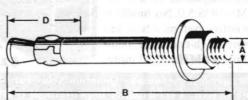
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FLYING from Page 11

military pilots, too. "The maps are flat," he said, "but what they represent are

Neither Shel nor Bill feel people have to be rich to fly, or even to own a plane. "However," Shel said, "Those who own new cars don't have a plane, and those who have a plane, don't have a new car."

Flying lessons cost \$55 an hour. If a student needs 60 hours to learn everything needed to pass the FAA tests, that's a total cost of \$3,000. This cost is spread throughout the time it takes the student to learn to fly.

"I don't look upon myself so much as a teacher, but as a coach and safety valve," Bill said. "I like to have my students not be too afraid to move the controls. I want them to know what is going to happen under different types of circumstances. If they get into a stall, I want them to know what the plane is going to do. Students learn a lot that

way. I'm there to make sure everything stays safe."

Shel feels it is easier to teach someone to fly than it is to teach them how to drive. "You have a set of controls you can pick up to keep the student out of trouble," he said. "When teaching someone to drive, you have to be out on the road (with other vehicles). When flying, there aren't any other vehicles in the

The China Lake Flying Club is open to members of the armed forces, whether in active duty, the reserves, or retired, civil service personnel and DoD contractors with Command approval. Members can fly one of the club's many airplanes for personal use or for business reasons. According to Marjorie, the club's planes are often used for government travel.

To learn more about the club, or to set an appointment for a flying lesson, call 446-4334 and leave a message.



DISCUSSING

an upcoming flying lesson are China Lake lying Club instructors Bill deGroh and Shel Simonvich and students Mariorie Hunter and Glen Neiger.

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Dr. Lamm to speak at July 15 NCMA meeting

"Preparation For And Conduct Of Negotiations" will be the topic of the next meeting of Ridgecrest/China Lake Chapter of the National Contracts Management Association. Dr. David Lamm, associate professor of administrative sciences at the U.S. Naval Postgraduate School will be the guest speaker. The luncheon meeting is set for 11:30 a.m. July 15 at Farris' At The Heritage.

The business portion of the meeting will include installation of officers for the upcoming year.

Reservations, which must be made by July 13, may be made by calling Vickey at 939-6245, Gina at 939-6334 or Jackie at 939-9649.

The luncheon menu is teriyaki chicken. Cost is \$7.50 for members and \$8.50 for non-members.

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DUGGINS from Page 1

"ECCM requirements definition was hit-or-miss, at best," Duggins said. "Some programs had people with the expertise to identify ECCM requirements, but there was no standard approach or methodology for assessing the threats and establishing counter requirements."

So ERAM began in 1986 to establish a methodology for determining ECCM requirements in all new and upgraded U.S. system. Using standardized terminology and definitions, it provides a representative electro-optical (EO), infrared (IR) and radio frequency (RF) ECM threat baseline, both current and projected over 10 years.

Each ERAM book contains a standalone description of the type of ECM faced by a particular family of U.S. weapon systems. ERAM Increment 1, which addresses air-to-air weapons systems, and ERAM-2, which covers air-toair surveillance and command, control and communications (C3) systems, have been released. ERAM-3, covering surface-to-air systems, is due out very soon. ERAM-4, which is just starting development, will address air-to-surface systems, and ERAM-5 will cover surfaceto-surface systems.

Each book is the product of about 50 authors, who come together from a wide variety of tri-service facilities and disciplines. "These documents draw on the

knowledge and eperience of experts in the EW field, as well as the latest intelligence on the current ECM threats," Duggins said. "I'm in the process now of

putting together the executive working group for the fourth increment (book). I'll need input from various people in the RF, EO/IR and tactical communities who deal with air-tosurface systems." On Station, she

explained. this will include people from Codes 31, As many degreed (B.S., psychology, San Franciso State) women did in 1979, 35 and 36, and perhaps others she has

yet to identify. All three services now use the documents and have contributed data and some funding to the program, but ERAM has yet to be named a joint service program. Becoming one, says Duggins, is a major goal.

The first critical period of ERAM development was led by David Pack, a former China Laker, as project manager,

and Jim Hobson, a division head at NAWC-WPNS, Point Mugu, as technical lead. They also received Superior Civilian Service Awards for their ERAM efforts. When

Duggins started as a GS-4, working for

the Shrike program as a clerk typist.

After a couple of months, she got into

the Management Intern Program, which

later became the Administrative Junior

Professional Program, and was elevated

In October the same year, she started

in Code 39, then known as the Weapons

Department, working as an administra-

to a GS-7.

Pack left the program, it was managed by David Seibel in the Aircraft Weapons Integration Department for a year before Duggins over and brought it back to Code 39 in October 1989.

to-air missile effectiveness studies. She was promoted to GS-12 in 1985. While she once worked with Top Gun instructors on comparison studies of U.S. missiles against various threats, a task she considers a "highlight," Duggins says her current position is by far her most rewarding. "Given the current DoD budget situa-

tive officer on several missile technolo-

gy programs, while she began develop-

ment of the department's management

information system, which soon became

In 1982, she joined the Warfare Anal-

ysis Office under Don Witcher and

began additional college work in

physics and mathematics to become an

operations research analyst. In her new

job category, she began performing air-

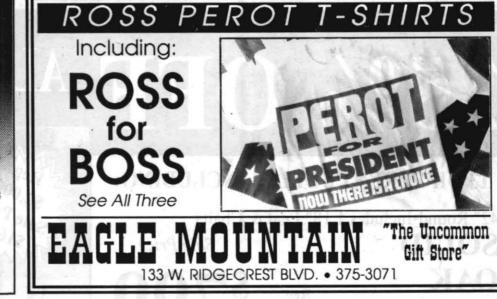
a full-time task.

tion, we have to make our existing systems work harder and smarter," she said. "ERAM will help us upgrade current systems, and in a way, that helps make up for the lack of new weapons develop-

"This program has given me the opportunity to help stretch DoD budget dollars to get the maximum payoff. And on a personal note, I've been privileged to work with the best and brightest on development of these documents-from the top civilian scientists and engineers to the sharpest pilots and backseaters in the squadrons."









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Local climbers survive Denali after several close calls

China Lake Mountain Rescue Group members get 'wilderness experience' in aborted McKinley summit bid

By Barry McDonald

Three China Lakers, two current civilian employees and one retiree, all members of the China Lake Mountain Rescue Group (CLMRG), do not see their recent aborted expedition to the summit of Alaska's Mt. McKinley as a failure. Expedition leader Bob Rockwell and Tom Roseman were taken from the mountainside by helicopter, on May 10, after the third member, Daryl Hinman, sought help at a ranger camp.

"Even though we didn't complete the expedition," said Hinman, an electrical engineer in the Intercept Weapons Department, "we got what we were after-a true wilderness adventure."

The trek was cut short on the 18th day due to a combination of factors. Tom Roseman, a computer scientist

in the Aircraft Weapons Integration Department, had been experiencing an extreme lack of energy since Day 15. The weather had turned bitterly cold and windy and they were low on fuel-which was needed to melt snow for drinking and to rehydrate food. And by the time they decided they needed help, both Roseman and Rock-

Bob Rockwell

Weapons Integration Department in 1990, were suffer-

"We might not be here now," said Rockwell, "without our mountain climbing and mountain rescue training. We made several decisions along the way that could have gone either way, and had we made any one of them the other way, we probably wouldn't have gotten out."

As an indication of the harshness of the general conditions on Mt. McKinley, North America's highest peak at 20,320 feet, the tree line (where trees stop growing) is 1,500 feet; even undergrowth and brush stop at 3,000 feet. The tree line in the Sierra Nevada Range is about

Great things are done when men and mountains meet; This is not done by jostling in the street.

William Blake

The team's diary of the experience is entitled "Ordeal on Denali (the original Athabascan Indian name for the mountain, meaning the Great One)." The account notes, "Between 1903 and 1990, 12,308 climbers attempted Denali; 6,511 succeeded and 64 died." This year, 1992, is already the deadliest on record with 11 deaths.

The climb is a serious undertaking and many underestimate it, says the diary. It is attempted a thousand times a year with a success rate of 50 to 60 percent. Most choose to challenge the West Buttress route that begins on the Kahiltna Glacier accessible by ski plane at 7,000 feet just outside the wilderness area. This accessibility and it's being the less severe approach, make the



Daryl Hinman

the first local expedition in 1967, when Carl Heller led fellow CLMRGers Bob Westbrook, Dennis

lar. Still, only a little over

half of the attempts from

Rockwell led a 1983

CLMRG expedition that

included Terry Moore,

Mike Renta and Rod

Willer. They successfully

summitted via the West

Buttress. This followed

the west are successful.

Burge, Ernst Bauer, Frank Buffum, Jim Nichols, Charles Ringrose, Russ Huse and Bob Stein to the summit, also by way of the West Buttress.

This time, with Hinman and Roseman, Rockwell planned to approach the mountain from the east and traverse it. Going up the Muldrow Glacier, which was the route of the first successful expedition in 1913, they planned to summit from a point near Denali Pass. The pass, at 18,200 feet, is between the south (main) peak and north peak (19,470 feet), roughly two miles from either. Time and conditions permitting, the group also hoped to climb to the north summit. They then planned to descend the West Buttress to the airstrip camp at

The closest point accessible by air on the east is some 45 miles from the summit at an elevation of 1,600 feet.

Please see next page

China Lake Flying Club's instructors pass their knowledge to others

By Peggy Shoaf

July 9, 1992

Flying is more than a dream for Bill deGroh and Shel Simonvich, it's their way of life when not working at the Naval Air Weapons Station China Lake. As instructors in the China Lake Flying Club, these two men have passed their knowledge and love of flying onto a number of China Lakers.

Shel is a technician and equipment operator for drone tracking and control at China Lake's Range Control Center and Bill works as a flight test engineer for McDonnell Aircraft Company at Armitage Field. Both fly whenever there

The club's chief flight instructor, Shel has been teaching for 19 years. While unsure of the exact number of people who have received their license under his tutelage, Shel said it had to be a lot. "I've taught all my friends how to fly," he said laughingly, "and I have lots of friends."

A teacher for just over five years, Bill said he has taught five people who went all the way through to receive their licenses, but countless others who didn't take that final step. "A lot of people quit because of money," he said. "While time is a factor, money is still the biggest rea-

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son. If you have the money and want to do something, you'll find the time to do

Marjorie Hunter, the club's secretary, and her husband, Les, are finding both the time and the money. Both are students in the China Lake Flying Club.

"Learning to fly is just one of those things I have always wanted to do," Marjorie said. "The first time I flew the plane, I thought I was going to die. Now I've conquered that feeling for the most

Lack of confidence is Marjorie's biggest problem, Bill noted. After taking flying lessons on and off for the past two years and with 9.4-hours of solo flight already logged, she only needs to take a written test and fly a solo cross country to meet the Federal Aviation Association's minimum requirements for a pilot's license. However, Bill said, due to her lack of confidence that might take a number of more hours of training before taking those final steps.

"And a baseball bat," Marjorie mut-

Bill laughed and said, "Confidence is all she needs now."

Shel and Bill are willing to teach anyone who wants to learn how to fly. People interested in learning to fly

only need to come out to the club house,

COMPANY

EVERYONE

Students then have to pass a written test, covering the private pilot's aeronau-

located near Armitage Field. A flight

instructor will be assigned to them. "We

introduce them to the airplane, showing

them where all the buttons and knobs are

and what they do, and try to make them

feel comfortable, especially if they have

never been in a light plane before," Bill

Bill noted that the instructor and stu-

dent spend quite a lot of time on the

ground during that first meeting, talking

about the airplane and what they are

going to do that first hour of flight. Then

they are ready to go. "We get into start-

ing the plane up and taxiing it out on the

runway," Bill said. "When we take off,

we practice straight level climbs and

how to turn the plane. Just basic stuff to

make the student feel more comfort-

tor talk about the flight and what is

needed to continue the flying instruc-

After landing, the student and instruc-

Bill noted students need a minimum

of 40 hours flight time, 20 hours with a

flight instructor and 20 solo hours, to

meet the basic requirements of the Fed-

eral Aviation Administration (FAA), Bill

said. However, the average amount of

time students need is 60 to 80 hours.

tical knowledge. While there isn't a requirement for a formal school, Bill noted the instructors are more than happy to help the students study for the four-hour written test.

Bill noted the written test is like a driving test, as it goes over signs, safety, rules and so on.. It also covers principles of operation, how the plane flies, how it turns, basic aerodynamics, what kind of factors a pilot has to consider when it is hot outside, how much runway a pilot needs taking off or landing, how to interpret weather and so forth.

In the meantime, students are flying.

Once the written test is done, and the flying requirements have been completed, the students take an oral examination with an FAA examiner or flight instructor with designated examiner authority. Then the student has to fly, with an examiner onboard. If students pass that test, they get their license.

Night flying is one of the hardest things to master, Marjorie said. "It's harder to fly at night," she said. "You can't see as well and things are out of sync. It kind of like driving at night, only the mountains don't have lights on them showing they are there."

This distortion problem isn't confined to just civilians, Shel said. It applies to

Please see FLYING, Page 12

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hIDEA group plans July 24 meeting

Robots on Mars will be the topic of the High Desert Engineering Association (hIDEA) U.S. Space Observance dinner meeting set for July 24 at the Carriage Inn Conference Center in Ridgecrest. The event starts with a social hour at 6 p.m., followed by dinner at 7. The program begins at 8 p.m.

Robert H. Steinbacher, a member of the technical staff of the Jet Propulsion Laboratory, Pasadena, Calif., will present a summary of past missions of the Mars Observer spacecraft. The principal objectives of the Mars Observer will be explained, as well as how the robots

of future NASA and Russian missions will pave the way for Man on Mars.

Captain Robert Kapernick, associate director of the Weapons Directorate at the Naval Air Warfare Center Weapons Division, will be the program's master of ceremonies.

Dinner will be a Polynesian buffet, featuring teriyaki chicken, beef & brocoli, baked Mahi-Mahi, salad, vegetables, beverage and dessert. Tickets purchased by July 22 are \$15 each, while tickets purchased after July 22 are \$20

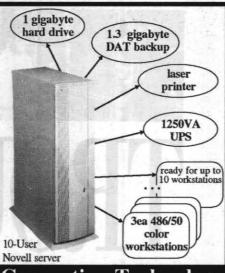
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Whereas western climbers start on the mountain and face a climb of 13,320 feet up and back down (16 miles each way), the local trio would cover a total 61 miles from start to finish. ascending 18,700 feet before the descent to the western camp

The success rate from the east side is only about one in three, but the group wanted more challenge, more wilderness and

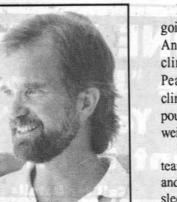
fewer people. The popularity of the west side has made it very crowded, Rockwell explained.

The team originally planned to start the expedition in May. Though temperatures were much colder, there was less chance of storms than later in the season. Learning of a large expedition also planning to take the Muldrow route in May, however, the group moved the start date up to the last week of April, "in order to be well ahead of them (and anyone else)," says the diary. They really wanted that side of the mountain to themselves-away from the "jostling in the street."

"We certainly achieved that goal," said Hinman. "We didn't see anyone for 16 days on our side of the mountain, when there were probably 300 people on the west

The expedition to the summit of Denali actually started over a year ago, when the team started planning.

"This is serious expeditionary mountain climbing," said Hinman. "You have to be well organized, prepared to be independent. There were a lot of logistics to go over. Every piece of equipment had to be thoroughly discussed as to its need and effectiveness, because once you get up there, that's all you've got."



Roseman said, "I must have spent well over 200 hours going through catalogs to pick the right equipment." And all of the equipment was tested during training climbs. The group made winter ascents of Junction Peak, Mt. Whitney Mountaineer's Route and other climbs in the Sierra. Training also included carrying 80pound packs up "B" Mountain and, for Tom and Daryl, weight training and riding bikes.

Besides the expense of equipment and airfare, the team paid over \$1000 to get a 200-pound cache of food and fuel from Ridgecrest to Alaska and inserted by dog sled to 6,100 feet on the Muldrow Glacier, where the actual climbing would begin.

The expedition began at 2 a.m., April 23 with a rental car trip to LAX, arriving at Talkeetna, Alaska at 5 p.m. They spent the night in the aviation company's bunkhouse and the next morning, flew to the mining camp of Kantishna, where they would begin their 32mile hike to the supply cache. During the flight, the pilot jokingly asked Rockwell, 56, Hinman, 44, and Roseman, 43, if this was the "Old Folks Expedition." Later they would refer to themselves as the "Cold Folks Expedition."

They traveled nine miles each of the first two days, easily crossing Wonder Lake and McKinley River, both frozen—an advantage of **EXPEDITION TEAM** posed for time-delayed starting so early in the sea- photo about one week into the journey.

son. They reached the cache on the fourth day, which was overcast, but the clouds broke occasionally, "to show us a fabulous view of the Muldrow and Traleika Glaciers," the diary notes. After reaching McGonagall Pass, they dropped 100 feet to the glacier, "roped up (tethered themselves to one another) and trudged about three miles to the cache." There they dined on the nonclimbing food that had been put in the cache for the last meal before the climb-canned beef stew, pea soup, salmon, corned beef hash..."and some E&J Brandy."

Next week, in Part 2, the expedition continues.



Photos by Terry Pascarella and Bob Rockwell

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ROADS from Page 2

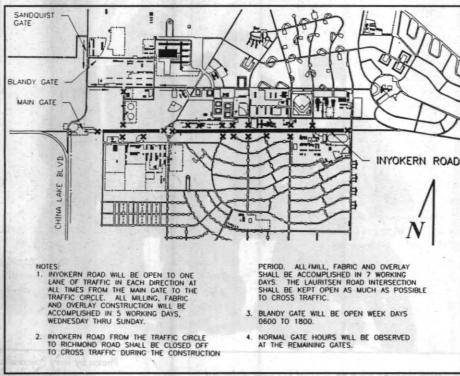
Richmond Road from Blandy to Lauritsen will be closed for milling and overlay work July 28 through August 9. Access to the NWC Credit Union will be available by alternate routes.

The final sealing and striping operations are scheduled to begin in August. There will be another announcement in The Rocketeer.

During the month of July there will be heavy equipment and workmen in various parts of main site. Everyone having business in the affected areas is encouraged to think about using alternate routes to avoid the construction areas whenever possible.

The traffic circle will be open for traffic during the construction work.

For further information please contact Ron Metevier at 939-4409 or Mel Berry at 939-4420, Public Works Department, Procurement Branch (Code 2622).



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QUAKES from Page 1

July 9, 1992

bend. One theory accounting for the missing 12 millimeters is that this energy is being transferred to other faults, including the Blackwater Fault, which was thought to terminate south of the Garlock Fault.

However, the local earthquake activity could be related if that fault really doesn't end, but rather continues northwest. "The activity we've seen in the Lone Butte and China Lake areas would tend toward fitting the model of an extended Blackwater Fault," said Monastero. He added the IWV sits right in the middle of a triangle bounded by the Sierra Nevada range, the eastern California shear zone and the Garlock Fault. Similar activity he noted, went on in the Mammoth Lakes, Long Valley area of Mono County at the northern end of this triangle.

Commander Chip Mills, NAWS Executive Officer, said at a staff meeting this Monday morning the activity had helped him, as a relative newcomer to the area, get his home and his works spaces better prepared for future earthquakes. He encouraged other China Lake employees to look closely, if they have not already done so, at just how prepared they are, at home and at work, for a major earthquake.

Al Katzenstein, a geophysicist with the NAWS China Lake Geothermal Program Office, stressed emergency preparation. "Don't panic, but be prepared. Have extra water and food on hand; know where you have flashlights and batteries and have a portable, battery-operated radio available.

Those thoughts were echoed this week by Larry Stensaas, emergency preparedness officer in the NAWS Safety and Security Department. "This would be a good time to review office and family preparedness. Most area residents know the 'duck, cover and hold' actions to take during an actual earthquake but are not ready with emergency supplies at home or at work."

SOLE hosts Wal-Mart manager July 15

Jeff Long, Wal-Mart's assistant manager for process and ordering, will be the guest speaker at the next meeting of the Hi-Desert Chapter Society of Logistics Engineers. During the dinner meeting, set for Farris' at the Heritage (1050 N. Norma) on Wednesday, July 15, Long will discuss Wal-Mart logistics in the Indian Wells Valley. A social hour begins the event at 6 p.m., followed by dinner at 6:30 p.m.

Reservations, which are required, may be made by calling Larry Peacock at 375-7448. The public is invited to this meeting.



Jewelry Jottings

Diamonds were discovered in Brazil by a band of Portuguese adventurers in 1725. Brazil soon replaced India as one of the world's major sources of diamonds, as India's diamond fields were depleted.



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2.88MB floppy 3½" new ED standard floppy kit includes drive, cable & controller #M25342/ 12068; diskettes #PMF-2ED-VIOU controller for all Bernoulli drives: Mac ctlr #S0700337-Mac-1B; IBM ctlr #0700479

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PERSONNEL NEWS

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. Assessment measures are work experience, annual performance assessment rating and narrative, education, 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 eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial n, 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 arrative (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 number on all application materials. Not submitting the annual performance narrative may adversly affect your evaluation score. Prior to submitting your application r Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all for and accurate, if any of this information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive status musubmit 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

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy, Announcement 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 considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personn folders. The Naval Air Warfare Center, Weapons Division is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

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 tion 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 of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 21-002. Military Relocation and Transition Specialist, DA-301-2, Code 2112 - This position will be located in the Transition and Relocation Branch. The incumbent serves as Counselor/Instructor for the Military Relocation and Transition Programs. This position includes providing services for the Relocation Assistance Program (RAP), Transition Assistance Management Program (TAMP) and Spouse Employment Assistance Program (SEAP). In this capacity the incumbent assists the manager in carrying out the congressionally mandated RAP, TAMP, and SEAP Programs within the Transition and Relocation Branch. These services are available to military personnel and family members. The incumbent provides a full range of services, benefits, programs, information and assistance to relocating, transitioning and retiring military personnel and their family members. Incumbent assists the manager in coordinating all appropriate on- and off-base resources to provide a comprehensive program including Information and Referral (and follow up), Education and Training, and Counseling. Job Relevant Criteria: Knowledge of Navy policies and procedures impacting military personnel and families; knowledge of other programs to include: Information and Referral, Financial Counseling, the Family Advocacy Program, Ombudsman Program, Wives' Clubs. Personal/Family Counseling. Retired Affairs, Relocation, Spouse Employment, etc.; knowledge of individual and family needs and interpersonal relationships, and the on-going and changing needs required by the highly mobile Navy lifestyle; ability to develop, analyze, evaluate, plan, organize and present facts and recommendations in clear, concise and logical terms, both orally and in writing. DA-2 is full performance level.

No. 31-013, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace/Physicist/Mathematician/

830/855/861/1310/1520/1550-3/4, Code 3134 - This position is that of Head, Models and Simulations Branch, which develops, produces, maintains, and supports models and digital simulations of EW equipments and systems. Validation, verification, and configuration control are integral to the simulation products, as are friendly user interaction analyses, application of system engineering principles, and utilization of applicable software specifications, interface, and software documentation for cognizant projects is required. The Branch also maintains secure facilities for software development, operational computer systems, and customer users. An Apollobased automated software engineering environment includes CADRE and Interleaf development tools. Computers include VAX, Microvax, Flexible, and Cyber systems Job Relevant Criteria: Knowledge of affirmative action principles, including a willingness to implement EEO practices: knowledge of modern Military Standard 2167, 2167A, and 2168 software development standards; knowledge of EW avionics equipment including hardware, software, and embedded computer applications; knowledge of electromagnetic threat systems and ability to translate performance descriptions into software requirements and designs; knowledge of EW avionics test requirements and techniques in the laboratory and in flight; ability to influence and motivate others; ability to plan, organize, coordinate, and manage technical projects. The incumbent may be required to serve a 1-year supervisory probationary period. Must be able to obtain and maintain a Top-Secret clearance. Promotion potential to DP-4. See "Notice Regarding Drug Testing Designated Positions" in notional Opportunities" box above. ad will run 2 July 92 to 16 July 92.

No. 31-029, Supervisory Inter-disci- closes on 23 July 92. plinary (General/Mechanical/Electron-

Computer Scientist), DP-801/ ics/Aerospace/Physicist), DP-801 /830/855/861/1310-3/4, Code 3135 - This position is that of Head. Systems Development and Assessments Branch, which provides EW systems engineering and development, from new concepts and technologies up through engineering and manufacturing development. Functions include mission needs development: functional and system requirements including related analyses; laboratory and flight test on brassboard; risk reduction; and engineering and manufacturing development equipment: interfaces: suite countermeasures response software: platform integration and installation; and data collection and assessment. Maintenance of specifications: interface and software documentation for cognizant projects is required. The Branch also provides innovation; engineering support, and implementation for laboratory and range upgrades for EW DT/OT testing, provides requirements and engineering for Weapons System Support Facility (WSSF) upgrades to include EW systems, and provides Weapons System Support Activity (WSSA) EW support for A-6E, F-18, AV8B, AX, and other tactical platforms. Job Relevant Criteria: Knowledge of EW avionics equipment including hardware, software, and embedded computer applications; knowledge of analytical techniques for synthesizing and assessing EW suites and their roles and impact on survivability and mission effectiveness; knowledge of EW avionics integration requirements and techniques; knowledge of EW avionics test requirements and techniques in the laboratory and in flight; ability to influence and motivate others: ability to plan. organize, coordinate, and manage technical projects. The incumbent may be required to serve a 1-year supervisory probationary period. Must be able to obtain Previous applicants need not reapply. This and maintain a top-secret clearance. Promotion potential to DP-4. This vacancy announcement opens on 9 July 92 and

SECRETARIAL COLUMN

No. 21-003, Secretary (Typing), DG-318-2 This position is located in the Military Administration Department. The incumbent provides secretarial and administrative support to the Department. Incumbent must be able to obtain and maintain a secret clearance. Experience with the MacIntosh computer is desirable, but not necessary. DG-2 is the full performance

No. 31-027, Secretary (Typing), DG-318-1/2, Code 3158 - Incumbent serves as Branch Secretary providing clerical support to the Target Recognition Branch. Experience on the Macintosh II is desirable. Promotion potential to the DG-2.

No. 62-016, Secretary (Typing), DG-318-1/2, Code 6251 - Incumbent will provide secretarial support to the Computer Systems Branch of the Data Systems Division. Duties include timecard processing, updating automated access entry system and receipting and distributing range test plans. Prepares correspondence relating to contracts and procurements. Also functions as SPEDI buyer. Macintosh computer skills desirable. Must be able to obtain and maintain a secret clearance Promotion potential to DG-2.. PCS is not authorized. This vacancy announcement opens on 9 July 92 and closes on 23 July

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant as the principal clerical and administrative support in the designated organization by coordi-Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing cordence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

LONG JUMP '92

The Long Jump series of measurement programs was organized to meet the ongoing need of the defense community to develop and test electro-optical and infrared systems. Long Jump '92 will be the latest in the test series and will build upon the experience and lessons learned from the previous four Long Jump exercises.

Long Jump '92 will be held again at the Barcroft Laboratory at the White Mountain Research Station. The Laboratory is located about 60 miles northwest of China Lake at 12,470 feet elevation, near the peak of White Mountain, which is east of Bishop, California. Setup for the test will be the week of 10 August, 1992 with the actual test running from 17-28 August.

Attendance as either a participant or an observer is welcomed. For security reasons, we require all visitors and participants to have a valid security clearance and to have their names on an attendance list. If you plan to visit the Long Jump site, please notify either Gerry Powell or Valerie Rogers in writing or by FAX.

Points of contact are Gerry Powell, Target Signatures Project Office, Code 39403, 939-4148, FAX 939-8303 or Valerie Rogers, Code 3573, 939-3515, FAX 939-3139. (Code 39403)

NAWCWPNS LONG-TERM ASSIGNMENT

The following is 1-year developmental assignment assignment open to DP-3 and DP-4 level employees who have a minimum of 3 to 5 years' experience and sent to Code 2741 (Annabelle Lipinski) are in one of the following position series: 801, 830, 855, 861, 1310, 1515, 1520, and 1550. Secret clearance or a current background investigation is required. Selected individual will be reassigned to the long-term program at current grade level.

STAFF SPECIALIST, TEST AND EVALUATION (Test Facilities and Resources). This position is located in the Office of the Deputy Director of Defense Research and Engineering (Test and Evaluation) (Test Facilities and Resources), OUSD(A), Washington, DC.

Must be experienced in either technology or systems assessment and possess a working knowledge of research and Annabelle Lipinski at 939-3427. (Code development test planning and execution 2741) directives. Additional desired experience includes: planning or reviewing research, development, and acquisition programs of signal and data processing. electro-optics and lasers, composite materials, structures, or propulsion and guidance: budget aspects of program employment. This notification needs to

ground papers, correspondence, and employee's department becomes aware contact with senior civilian and military

Naval Air Warfare Center-Weapons Division

Naval Air Weapons Station, China Lake

Announcements

Submit items to: Code 3415(C9425); FAX 939-0945, Ralph Kulas (contractor); or E-Mail to TID:ANC

Will participate in the Defense Acquisition Board (DAB) and Planning, Programming, and Budget System (PPBS) processes as related to test and evaluation matters. Duties will include assessing and reviewing the various documents prepared during the DAB and PPBS process. Will work with various members of the staff of OUSD(A), T&E in carrying out functions and will participate in communicating the results to the other elements of OUSD(A), OSD, and the

Apply by submitting a SF-171 by close of business on 24 July 1992

Take applications to Code 2201 (C6201), Room 202, building 2335. For at the Branch Medical Clinic is 927additional information call Jacqui or 3628. (Code 2405) Saundra at 939-2434.

NEW PROCESS FOR COPIER ACQUISITIONS

SECNAVINST 5600.22 (22 March 1990) assigned the task for review and approval of copier acquisitions to the Navy Publishing and Printing Service (NPPS). That responsibility was delegated to the Information Resources Technology Support Division (Code 274). NPPS has instituted the following procedures for copier acquisitions:

- a. Codes submitting new copier requests for purchase, lease, rental, and replacement equipment must fill out an OPNAV5600/14 form to accompany the stub. The acquisition package should be for review, assignment of an Acquisition Request Number (ARN), and signature by Code 274 (Pat Connell)
- b. Requests for copier renewals (leased or rented) should be sent to Code 2741 for review and initialing
- c. Low-volume copier requests (1 to 19 copies per minute) do not need Code 274/41 review or approval.
- d. Requests for maintenance on NAWCWPNS-owned copiers do not need a review or approval signature, but a copy of the stub should be sent to Code 2741 so that a current inventory is

If you have questions, contact

TERMINATING/TRANSFERRING **EMPLOYMENT**

Occupational Health Services should be notified when NAWCWPNS/NAWS China Lake personnel are terminating

testimony for senior civilian officials; and of the employee's plans. Some employees require termination physical exams according to the requirements of OPNAVINST 5100.23B, which may include X-rays, blood tests, or audio exams, prior to their departing the base. Occupational Health needs time to set up appointments for these tests and complete them prior to the employee's departure. The same notification should be made for Station employees who are on medical surveillance programs; i.e., Electromagnetic Radiation (ionizing, laser, microwave), Chemical Hazard, Noise, etc., and are transferred or reassigned to other departments. In some cases, tests may be required to remove them from this surveillance. The contact number at Occupational Health Service

ORDNANCE CERTIFICATION IS REQUIRED

Past inspections and recent walkthrough surveys of NAWCWPNS/NAWS China Lake office and shop spaces have turned up inert ordnance displays and training items without the required inert certification. 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 non-explosive. 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/military communities." Personnel and codes who have these type items should ensure that they have been properly certified, NAVWP-NCENINST 5100.6D, Chapter IX, paragraphs 6e and 7r, give local implementng guidance. For further information, call the Safety Office at 939-2315. (Code

LAKE ISABELLA VANPOOL HAS OPENING

Space is available on the vanpool from Lake Isabella to China Lake. For more information, call Jim Sevier at 939-9491 or John Hopkins at 939-4239 (Code 2609)

CSUC COMPUTER SCIENCE

Dr. Orlando Madrigal of Cal-State University, Chico, will be at China Lake on 27 July to advise current and prospective students in the external degree programs in computer science offered by the school. The programs planning; writing technical reports, back- be given as soon as the terminating lead to bachelor's and master's degrees.

Those wishing to see Dr. Madrigal are asked to make an appointment by telephoning Denise at 939-2648. (Code

NEW FAX NUMBER FOR **ANNOUNCEMENTS**

Do you have an announcement you published NAWCWPNS/NAWS, China Lake, Announcements? The easiest way to submit it is to FAX it!

Our new FAX number is 939-0945. The FAX is located right where your ads are assembled for each weekly edition of the Announcements. The weekly deadline for submission, Monday at 1500, remains the same. When you send a FAX submission, please make sure to include the name of your point of contact with a telephone number and sponsoring code. (Code 3415)

MAMMOGRAPHY SCREENING

The Wellness Program (Code 2243) will sponsor a mammography screening for NAWCWPNS/NAWS employees and their spouses. Valley Technological Services (VTS) will have their mobile mammography unit at the Michelson Lab parking area on 15, 16, and 29 July. The cost of the x-ray exam is \$60. Participants must be 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. Please call (800) 458-3385 to schedule an appointment. (Code 2243)

RETIREMENTS MARY JANE HALL (OLSON)

Mary Jane Hall is retiring after 31 years of federal service. A dinner will be held on 31 July at El Charro Avitia

Social hour will begin at 1800, dinner at 1900, and presentations will follow. To make reservations for the meal (you may order from the menu), gift donations, or presentations, please call Denise Wilke at 927-1010 or PNC Tarpley at 939-3517. Deadline for reservations is 24 July. (PSD Transportation)

BILL WILSON (Please note change of location for retirement party)

Bill Wilson will be retiring after 33 years of federal service. A luncheon will be held Thursday, 9 July, at 1130 at the John's Pizza to celebrate his retirement. For presentations or gift donations, please contact Barbara Staab at 927-1154 or Edna Skeer at 927-1135. (Code

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, NAVWP-NCEN NOTICE 12630 provides specific information regarding how to donate annual leave. Send your approved request to Code 221. For additional information, call ext. 2018.

Herschel Sibley, Mechanical **Engineering Technician, Code**

Herschel Sibley underwent coronary angioplasty procedures and is in need of leave

Mary Kathleen Smith, Fiscal Accounting Clerk, Code 2855 Mary Kathleen Smith had laparoscopic surgery and is in need of

Nancy K. Bryant, Management Analyst, Code 2281

Nancy K. Bryant is suffering from severe fibromyalgia symptoms and arthritis in her back

Jo Crom Smith, Contract Surveillance Rep, Code 2623

Jo Crom Smith needs leave in order to care for her twins who are on medication due to childbirth complica-

Julia McConnell, Computer Specialist, Code 3916

Julia McConnell is indebted for leave due to exposure to inorganic

Deborah A. Birch, Secretary, Code 642A

Deborah A. Birch received treatment for breast cancer and is indebted for

Adriana Ledford, Secretary, Code 2853

Adriana Ledford is in need of leave as a result of pregnancy complica-

Alvina S. Quintanilla, Contract Specialist, Code 254

Alvina S. Quintanilla is undergoing daily radiation therapy for inoperable cancer of the naso-pharynx

Trisha Chan, Program Manager, Code 3402

Trisha Chan needs leave to care for her husband, who is terminally ill with cancer.

Elsie Sweet, Architecture Technician, Code 2691

Elsie Sweet underwent orthoscopic surgery on her knee.

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

Jesse Ray Lewis, Jr., has been off work for several months as a result of back surgery and complications resulting from the back surgery.

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.

CSUC COMPUTER SCIENCE PROGRAM

The following courses are being offered for the fall program for the Cal-State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Enrollments for courses will be on a first-come, first-served basis, unless otherwise indicated.

Systems

CSCI151: Algorithms and Data comparison of differing types of scheduling Structures (3 units)

31 August-16 December; Mondays and Wednesdays, 1130-1245; Training Center (videotape). By: Professor Melody Duncan, CSUC, (916) 898-6480.

Lab: Tuesdays, 1700-1800; Training Center. By: Howard McCauley, 939-0546. Prerequisite: Pascal or C or consent of instructor.

This course provides instruction on the representation, application, and processing of data structures as they relate to information representation, parameter passing, recursion, assemblers, compilers, operation systems, and machine organization. Topics include lists, trees and graphs. An analysis of algorithms is also discussed.

Text: Data Structures and Program Design, Robert Kruse, Second edition,

Note: This is a core course in the bachelor's degree program in computer science through CSUC. This is a required foundation course for the master's degree program in computer science through CSUC.

CSCI272: Multi-User Operating Systems (3 units)

25 August-17 December; Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By: Professor Ralph Hilzer, CSUC, (916) 898-5748.

Prerequisite: CSCI152: Operating Systems Programming or CSCI153: System Software or equivalent of consent of instructor.

This course will provide an analysis of multi-user operating systems including hardware and software requirements; a CSCl231: Computer Graphics.

and memory allocation routines: an analysis of system deadlocks and their prevention, and discussion of I/O control in a multi-user environment.

Text: Fundamentals of Operating Systems. Lister. Spring-Verlag, 1984, third

CSCI273M: Database Management (3

25 August-17 December: Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By: Professor Melody Duncan, CSUC, (916) 898-6480.

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent of consent of

The course will cover the basic concepts in database management. These include the levels of architecture of a DBMS: the relational, hierarchical, and network data models; query languages; and database design.

Text: Fundamentals of Database Systems. Lister. Elmasri/Navathe, ISBN#

CSCI298C-1: User Interface Using X Windows (3 units)

25 August-17 December; Tuesdays and Thursdays, 0930-1045; Training Center (via satellite). By: Professor Jim Murphy, CSUC, (916) 898-4037.

Prerequisite: CSCI151; Algorithms and Data Structures or equivalent of consent of instructor. Helpful but not required: CSCI210: Software Engineering and

implementation of graphical user interfaces using the primitive X windows library as well as the Xt and Motif toolkits. Topics include event handling use of color, graphdesign, and User Interface Management

Text: The X Window System Programming and Applications with Xt OSF/Motif. Douglas A. Young, Prentice Hall, 1990.

CSCI381A: Computer Morphology (3

25 August-17 December: Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By: Professor Bob Britton, CSUC, (916) 898-4487.

Prerequisite: CSCI171: Computer Architecture or equivalent of consent of

This course provides an investigation into the features of 16 different Reduced Instruction Set Computer (RISC) architectures, including MIPS R2000, MIPS-X, HP Precision Architecture, Motorola M88000, Intel 80960KB, & ARM3.

Text: VSLI RISC Architecture. Stephen Furber. Marcel Dekker, Inc., first edition.

CSCI397C-1: Object-Oriented Programming (3 units)

25 August-17 December; Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By: Professor Paul Luker, CSUC, (916) 898-4414.

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent of consent of

This course will cover the design and instructor.

The course will concentrate on the nature and use of pure object-oriented programming languages (OOPLs). In particular, the course will focus on Smalltalk. ics contexts, text and fonts, dialogue Other implementation issues, as they relate specifically to OOPLs, will also be investi-

> Text: (1) Practical Smalltalk. Dan Shafer and Dean Ritz. Springer-Verlag, 1991. (2) Smalltalk/V Programming and Tutorials Handbook. (See syllabus for information on ordering.)

> Note: Smalltalk/V will be available in the Learning Center for use in this course. It may not be taken out of the Learning Center. Students wishing to purchase Smalltalk/V should refer to the course syllabus for information on ordering.

> Students Please Note: CSUC has provided a video tape that shows a few minutes of each professor of the Fall 1992 classes discussing their class. The video tape allows you to evaluate the course content and teaching style. The video tape may be viewed in the Learning Center.

> Comments: Job-related courses other than those listed above or those offered under contract with Cal-State Bakersfield: or Cal-State, Northridge, must be approved on a DD1556 (Off-Center Training Request) before registration if NAWCWP-NS is expected to pay for the training. For additional information, call Cecil Webb at 939-2648. (Code 224)

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer 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 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building, Items may be sent to Code 3415(C9425), or by FAX to 939-0945, Code 3415(C9425), ATTN: Ralph Kulas (contractor), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).



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)

Unless otherwise noted

A NUTS & BOLTS ENGINEERS APPROACH TO REPORT WRITING (4 hrs.)

16 July; Thursday, 0730-1130; Training Center. By: Lois Reed, Code 3517.

The objective of this course is to provide a working-level guide and plan for writing a technical report at NAWCWPNS. This is not an English class. Items covered include the importance of technical report writing, sections of a report, material included in each section, and the importance and role of outlines. A basic plan of action and starter outlines are offered that should allow any inexperienced writer to start a report, follow the guidelines, get expert advice at the appropriate time, and produce a very respectable first product.

To enroll please call Pat at 939-3159

INTRODUCTION TO MESSAGE TEXT FOR-MATS (MTF) FOR MACINTOSH (8 hrs.)

27 August: Thursday, 0800-1630: Training Center. By: RMC Hazel, Code 87.

MTF editor is a message preparation program designed for MS-DOS computers. It assists message drafters and typists in preparing error-free Naval Messages. This program has a user-built Plain Language Address (PLA) directory, prompts the typist for required information, provides error messages as required allowing the operator to make corrections, spell checks messages, allows importing of other files or messages, prints drafts for proofreading and internal routing/release, prints DD-173s, and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Nava Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not interchangeable

To enroll call Pat at 939-3159.

INTRODUCTION TO MESSAGE TEXT FOR-MATS (MTF) FOR IBM (8 hrs.)

25 August; Tuesday, 0800-1630; Training Center. By: RMC Hazel, Code 87. MTF editor is a message preparation pro-

gram designed for MS-DOS computers. It assists message drafters and typists in preparing error-free Naval Messages. This program has a user-built Plain Language Address (PLA) directory, prompts the typist for required information, provides error messages as required allowing the operator to make corrections, spell checks messages, allows importing of other files or messages, prints drafts for proofreading and internal routing/release, prints DD-173s, and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Naval Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not inter-

To enroll call Pat at 939-3159.

AUTOCAD 3D/AUTOLISP (40 hrs.) 17-21 August; Monday-Friday, 0800-1600; Training Center. By: CAD Institute.

Prerequisite: Enrollees are required to have basic knowledge of Autocad (version 10), be familiar with PC and DOS, and have some programming experience.

Students will be trained with Autocad, version 11. This course is intended for those who already have some experience with Autocad, but also desire to learn advanced features, such as Autolisp, in a relatively short period of time. The course will review basic Autocad commands: cover advanced topics such as dimensions, blocks, menu macros, 3-D wireframe models (solid primatives, section and profile renderings, and solids editing functions); and finally Autolisp programming (syntax and the interaction between Autolisp and the drawing

Deadline: 3 August

Enrollments are taken as first request ceived, first approved.

SUPERVISOR AS COACH AND SUPPLIER (16 hrs.)

3-4 August: Monday-Tuesday, 0800-1600: Command Conference Center (Panamint Room). By: Suzanne Hard.

Intended audience: Supervisors, managers, and team leaders.

This 2-day workshop will assist participants in moving from a directive style of leadership to one where the role is that of a coach, facilitator, or (using the Supplier-Customer model) one of supplier rather than customer. Participants will understand the concepts, identify the key behaviors, and plan the strategies necessary to make this shift. 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 939-2686.

ADMINISTRATIVE POLICIES AND PROCE-DURES FOR NEW SUPERVISORS (32 hrs.) 5, 6,12,13 August; Wednesdays-

Thursdays, 0800-1600; 1st week-Command Conference Center (Panamint Room), 2nd week—Training Center, By Center Staff. Intended audience: New Supervisors during

the 1st-year probation period. This mandatory 4-day course provides new

supervisors with basic information about important NAWC/NAWS administrative policies and Topics covered include a summary of gener

al guidelines (organizational structure of DOD and subordinate commands, safety, security, privacy act, ethics, workers compensation, plant account, Drug Free Workplace Program, and EEO including Prevention of Sexual Harassment), affirmative employment (merit promotion, reassignment, special interest programs, interviewing and selecting new employees, reading a 171, and obtaining performance information from previous supervisors), employ ee development, employee awards (and other aspects about the DEMO system), discipline (problem behavior, poor performance) and other topics of interest to supervisors.

Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory training require ments for the probationary year for safety, security, ethics, and prevention of sexual

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 939-2686.

ACQUISITION STREAMLINING AWARENESS

4-5 August; Tuesday-Wednesday, 0800-1600; Heritage Inn (Ready Room). By: Jack Wilson, PRC.

Intended audience: People who write equipment specifications or write statements of work. People who prepare the technical part of an engineering package. Anyone with involvement in acquisition.

This course is specifically designed to apply common sense and good business practices, to reduce the time and cost of acquisitions, and improve quality. The principles of Acquisition Streamlining can be applied throughout the acquisition process from requirements definition through design, development, production, deployment, and disposal. The Department of the Navy streamlining initiative is directed by the Acquisition Policy, Integrity and Accountability Office. Streamlining efforts are focused on applying the basic principles of acquisition pro-

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 939-2686.

ON-THE-SPOT FACILITATING (8 hrs.)

12 August; Wednesday, 0800-1600; Command Conference Center (Panamint Room). By: Tina Rockdale and Bob Huey. Intended audience: Employees or man-

agers interested in learning about and developing facilitation skills that are useful for quick problem solving on informal task teams or selfmanaged teams.

Facilitator tools, techniques, and skills will e demonstrated and practiced in simulated team problem solving sessions. Participants will experience being part of a typical team as well as being the facilitator. Additional topics to be covered include:

· dealing with difficult people

 avoiding bloopers or common mistakes · recognizing the difference between facilitating and leading a team

 reviewing the common steps to problem solving.

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 939-2686.

WORD, ADVANCED (16 hrs.)

20-21 July: Monday-Tuesday, 0800-1600: Training Center. By: Donnie Goettig, Consultant.

Prerequisite: 6 months experience using Word 5.0

In this course you will learn how to use:

Style sheets: automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing

2. Tables: multiple page tables; combining, merging and splitting cells; sorting in the table.

3. Advanced graphics: cropping, resizing, position command, flowing text around the

4. Indexes, custom menus

Advanced formatting 6. Tips, keyboard shortcuts Presentation Method: Hands-On Workshop To enroll, call Annette 939-0870.

SELE-HELP CLASSES

CO-DEPENDENCY VIDEO SERIES (2 hrs.) By: Concept Media

THE WHAT & WHY OF CO-DEPENDENCY Gives an overview of the history of co-dependency. Describes current thinking regarding the disorder and discusses its origins

CHARACTERISTICS OF CO-DEPENDENTS Discusses common characteristics of codependents, including externally focused, overly responsible, controlling, rigid, and engaging in compulsive behavior.

THE PATH TO RECOVERY

Discusses common concerns of co-dependents entering treatment: effects of treatment on significant others, spiritual issues, and the misuse of willpower and analytic thinking in

HEALING THE FAMILY WITHIN

Drawn from the work of nationally known author and lecturer, Robert Subby, this program utilizes his workshops and other interviews in a fast-paced presentation.

PIECES OF SILENCE

Tells the story of a family that has suffered the effects of an alcoholic parent. It is the family of nationally know author and psychologist Robert Subby who not only narrates, discussing addiction and co-dependency, but gives his own perspective on being part of such a family.

Presentation Method: VHS Video To sign up for this video call Tammy at

FITNESS BOOK

By: Louis W. Sullivan, MD American College of Sports Medicine has developed this resource for those who are not

already fit. The emphasis is on exercise that is healthy and individualized. Using a simple fourpart assessment, the ACSM Fitness Test, you determine your current level of fitness. Then following step-by-step instructions, you create an exercise program suited exactly for you, updating it as your fitness improves.

Presentation Method: Book

To check out this book call Tammy at 939-

THE WELLNESS BOOK

By: Herbert Benson, MD, and Eileen Stuart RN.

This book combines the best of what you can do to enhance your health and well-being with the marvels of modern scientific health care. It is the result of more than 25 years of scientific research and clinical practice at the Harvard Medical School and three of its five major teaching hospitals

Presentation Method: Rook

To checkout this book call Tammy at 939-2451

HAZARDOUS WASTE TRAINING

Attendees may choose any one of the following dates:

29 July: Wednesday, 0800-1600: Room 211, Training Center,

26 August; Wednesday, 0800-1600; Room 107, Training Center, or 23 September; Wednesday, 0800-

1600: Room 211, Training Center By: Environmental Project Office (Code 008) and Safety and Security

Department (Code 24). Intended audience: Those who gener-

ate, handle, and manage hazardous waste. This course is required training for anyone who generates or handles hazardous waste. It is also required training for anyone who manages a hazardous waste accumu-

lation area.

Because the activities of NAWCWPNS and NAWS, China Lake, generate more than 1000 kg of hazardous waste per month, we are designated as a Class I Generator and are subject to full regulation under federal environmental laws. One aspect of this regulation is proper training of personnel who generate, handle, or manage hazardous waste.

The course will help attendees to identify hazardous waste; set up and operate accumulation areas: identify time limitations: properly label and store containers: initiate emergency response procedures; initiate requests for disposal; and conduct accumulation area inspections.

Enrollments are on a call-in basis. Point of Contact is the Environmental Project Office, 939-2790. Many departments have identified personnel who need this training. Check with the Environmental Point-of-Contact for your Department to assure you get this training if needed. Call in your enrollment with your preferred date for the

Deadlines: 17 July for the 29 July session. 12 August for the 26 August and 23 September sessions.