

Side-by-Side by Sondheim opens next Friday night

Run!! Don't walk to get tickets for Community Light Opera and Theatre Association's *Side By Side By Sondheim*. Director and narrator for the show, Florence Green, has announced, "this is a seasoned cast of some of the finest singers and musicians in the Indians Wells Valley." For five nights the group will present a review of musical numbers written by composer Stephen Sondheim. The show opens October 4th, with a traditional reception following the performance, and plays again October 5, 10, 11 and 12, 7:30 p.m., at the Carriage Inn. Reservations for seating can be made by calling the Carriage Inn at 446-7910.

Paul Riley, who is the show's musical director, will accompany vocalist's Rebecca Von Elm, who is also the vocal director, Becky Garcia, Russ Parker, Kristine Roquemore and Reno Venturi in this delightful review which opens with a promise to its audience of "Comedy Tonight!"

And now, about the performers!

Paul Riley, in real life is dean of continuing education for Cerro Coso Community College. Few people know about Paul's "night life" adventures while teaching in San Diego. For six years he spent his evenings playing in some of the city's finest saloons. Paul believes these were the toughest years of his life. After all, playing *Melancholy Baby* 962 times is enough to drive a person crazy. He is ecstatic he doesn't have to play either of these songs in *Side By Side*. Although, he will have to play Sondheim's *You Could Drive a Person Crazy*!

Russ Parker has been the band, orchestra or choral director at Burroughs High Schools since 1969. He received both his bachelors and masters degrees from Northern Arizona University. His first performing role was during the musical *1776*. He had four lines. Russ would study his first two lines each night until the curtain opened. Then during intermission, he would study the remaining two. "It worked every time!" exclaimed Parker.

"So, if you see Russ mumbling to himself during the intermission of *Side By Side*," said Green, "please don't bother him... he's still learning his lines."

Rebecca Von Elm returns center stage after a ten year absence. Von Elm began singing professionally at the tender age of 15. She trained as an instrumentalist and toured Europe with the Bakersfield College Choir, which became the first Western Hemisphere Choir to win the Music Festival in Wales. And, if that isn't impressive enough, the choir went on to sing for Pope John XXIII and President Lyndon Johnson.

"Opera is my first love," says Rebecca. "However, I've never been strong in languages... while singing *Carmen* one night... I promptly forgot any and all French and sang the whole first aria on LA!" She's extremely pleased Sondheim writes all of his songs in English.

Becky Garcia began singing in high school, but it wasn't until she performed with CLOTA that she made it back to the stage. Many have heard her lovely lyrical soprano voice in such musicals as *Oklahoma*, *Cinderella*, *West Side Story* and *Sweeney Todd*. Now a full-time mom; she has come up with a great way to introduce her children to theater.

"I nursed two of my babies while rehearsing for two different productions... Now both children love music and want to be in the theatre," laughed Becky.

Kristine Roquemore studied voice and sang with the choir at Drake University in Iowa while obtaining her B.A. in Graphic Design. Her favorite role was portraying the flamboyant Sally Bowles in *Cabaret* and her greatest theater experience was creating the role of Regine De Le Crepe in Bill Blanc's original musical, *The Bungling Ballerinas*.

Kris also introduced her five month old baby to the theater at an early age. She rehearsed and performed during China Lake Players' *Steel Magnolias* while pregnant. She hopes the magical spell of the theatre rubs off and one day daughter, Alexandra, will light up the stage with her presence.

Reno Venturi is well known to Indian Wells Valley theatergoers as both actor and director. One of his most memorable moments in theatre was while singing a number during *Gigi*. For a brief moment he actually thought the audience was throwing things at him.

"The bridge from the bass, being played in the orchestra pit, suddenly broke and flew at me," laughed Venturi, "while wondering if the audience was throwing things, I watched carefully to see if I needed to duck again." Reno is grateful there will only be a baby grand piano on stage with him during *Side By Side*.

"I am grateful that CLOTA allows me to return every now and then to direct a play," commented Green. "I am very excited about the cast and crew we have for *Side By Side*."

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Sept. 19, 1991

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WEATHER

	Max	Min	Peak Gusts
Weds.	106	56	10
Thurs.	104	57	12
Fri	100	63	14
Sat.	101	65	10
Sun.	100	63	11
Mon.	100	62	15
Tues.	100	63	15

JP Welcome Lunch planned next month

On Thursday, Oct. 24, the Junior Professional Welcome Aboard Luncheon for FY-92 will be held at the Seafarer Club from 11:30 a.m. to 1 p.m. Advance tickets for this event are now available from the Junior Professional Program Office, located in Room 233 of the Personnel Building. Tickets bought in advance are \$7 each, \$13 for two or \$30 for five. The price of tickets at the door will be \$7.50 each. The buffet luncheon includes sandwiches, salads, desert and beverage.

This is the first year the "welcome" has been in the form of a luncheon, noted Pat Bacziewicz, head of the Naval Weapons Center's Professional Recruitment Office. "Hopefully, this format will maximize attendance at this event, which offers an opportunity for this year's new junior professionals and their spouses to meet the Center's supervisors and managers," she added.

For more information on the luncheon or the Junior Professional Program, call Bacziewicz at NWC ext. 3371.

NWC revises area access request

Restricted Area Request Form, NAVWPNCEN 5530/1, was revised in April. Because of substantial changes, the previous edition is now obsolete and will not be accepted after Nov. 1. The revised form is now available at Tel-Mart.

For more information, call Jim Pinnell in Personnel Security, Code 2433, NWC ext. 6523.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 38, September 26, 1991

VisLab helps employees explore better way to show complex data

by Barry McDonald
Rocketeer Staff Writer

Seeing is believing...

That's the motto of the Naval Weapons Center Visualization Laboratory, or VisLab, where they believe "computing is about insight, not numbers." As Gene Guglielmo, Bruce Lowry, Ron Backman, and Jan Bargowski of the Computer Visualization, Integration, and Standards Branch (Code 2724) will tell you, when it comes to arguing a case for funding with scientific numbers, one would be better off just to show them pictures. The VisLab's slogan applies not just to congressmen and sponsors but helps the scientists themselves better understand their fields.

One example that the staff likes to demonstrate for visitors is an ani-

mation that Bruce Lowry put together with Frank Mansfield of Code 3592. It visually shows the pressures exerted by counter-rotating blades on a cruise missile model. One cannot see such pressures because pressure is not a visual phenomenon. Converting the raw numerical data into an animated graphic display, however, allows the viewer to see the varying levels of pressure represented by varying colors and color intensity around a realistic depiction of the motor in operation.

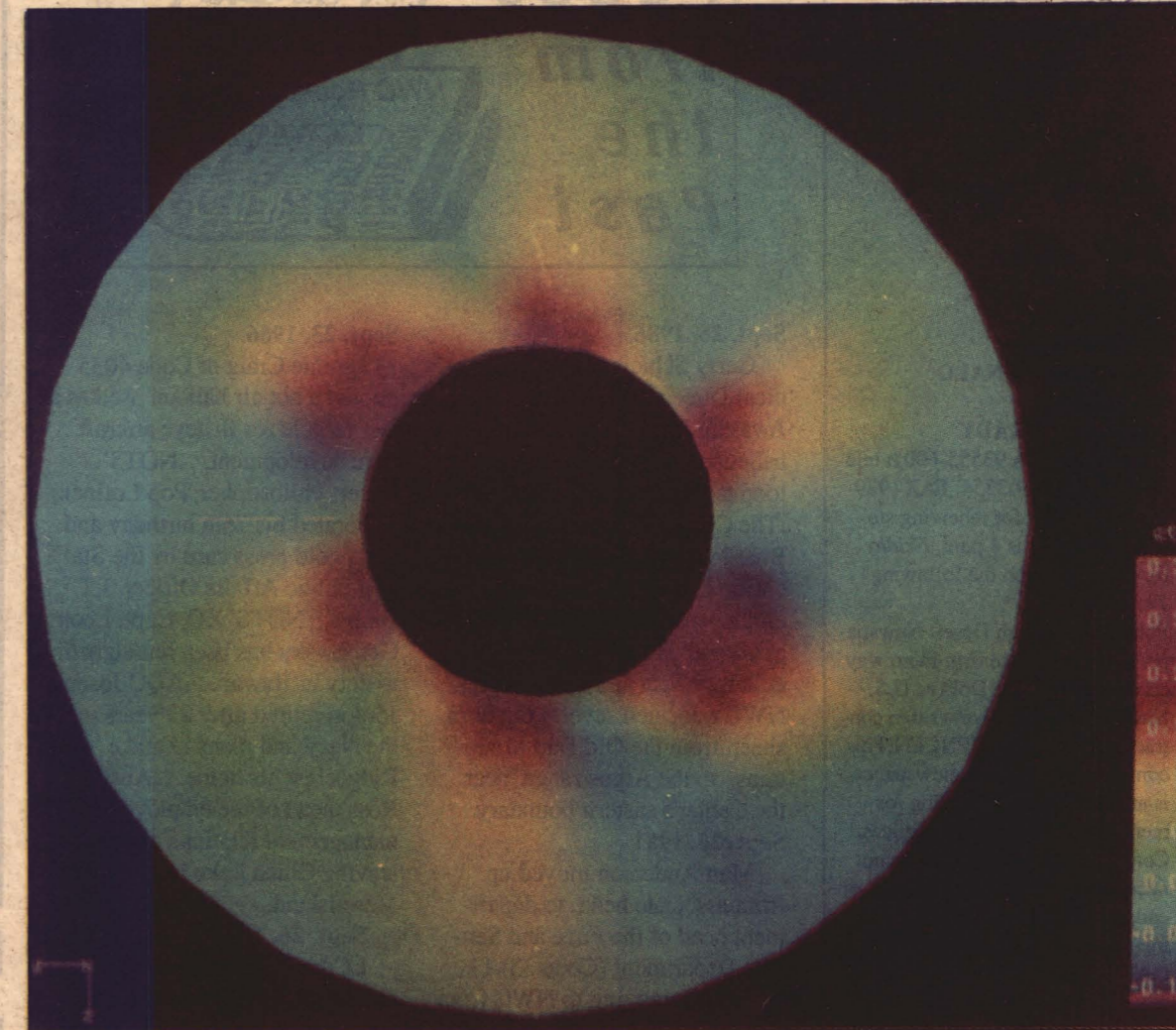
The people involved knew that the pressures would not be symmetrical, but they did not know to what degree or at what times pressure distortion would take place.

All of this was done for a motor that was still in the concept stage.

(Continued on Page 12)

COMPUTER GRAPHICS--This example of pressure phenomena generated by counter-rotating blades on a cruise missile motor is one example of how data analysis can be improved by using techniques and tools from NWC's Visualization Lab in the Information Systems Group. The modeling of these pressures was all done via a computer while the motor itself was still in the conceptual stage. Other uses of the VisLab are now being explored at China Lake.

Photo by PH3 Cary Brady



Vampires gain new skipper today

Captain Garth Van Sickle relieves Captain Raymond Kellett at the helm of VX-5

by Steve Boster
Rocketeer Editor

There is no better job in the U.S. Navy for an attack aviator says Capt. Garth A. Van Sickle about the role of commanding officer at Air Test and Evaluation Squadron Five (VX-5). What's more, he's "very pleased" with the Navy's choice to fill the role--himself!

Captain Van Sickle relieves Capt. R.A. Kellett Jr. as CO of the VX-5 Vampires at 2 p.m. this afternoon in Armitage Field's Hangar One. For an attack aviator who had never even been to China Lake before landing this plum assignment, the new Skipper is already feeling right at home. Rear Admiral Virgil L. Hill Jr., Commander Operational Test

for the change of command ceremony. COMOPTEVFOR is the operational commander for VX-5 in its mission of operational test and evaluation of airborne strike weapon systems.

"I've got lots of respect for the officers and sailors here. I really can't say enough about the quality of the people doing the work at VX-5. I'm looking forward to an exciting tour of duty," Capt. Van Sickle commented during an interview before assuming command.

He stressed the important role enlisted sailors play in the squadron. "They represent the guys in the fleet who have to handle, load and assemble the weapons hung on the aircraft. Their role in seeing if it's practical, while on board ship, is a vital one."

Commentary

NWC Rocketeer

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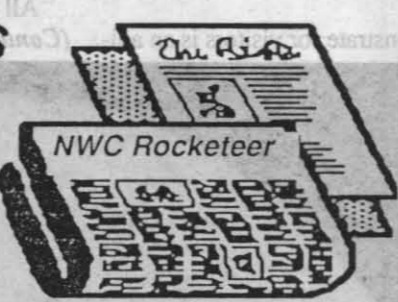
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The Skipper Sez...

The Skipper Sez... program is designed to answer questions by China Lakers addressed to the Commander of the Naval Weapons Center. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. While the answers to these questions are usually researched by someone appointed by the Commander, he does review all answers before publication. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent.

Pages from the Past



Sept. 26, 1986

Gerry Schiefer, NWC's Technical Director, presented the TD Awardio Russ Carter for his contributions to hardware-in-the-loop technology at China Lake. The Center's Corporate Planning Board was told there was no scientific data showing NWC employees, as a group, had abnormal white blood cell counts. Fish and Game and NWC relocated several big horn sheep from the Old Dad Mountains, to the Argus range, near the Center's eastern boundary. **Sept. 25, 1981**

Matt Anderson moved up from associate head, to department head of the Fuze and Sensors Department (Code 33) 11 years after moving to NWC from Corona. China Lake's annual CFC drive opens next week; last year more than \$146,000 was collected. Stan Johnson received the Ordnance Systems Department's Clarence J. Renne Award for improvements to the department operating plant. NWC Commander, Capt. J.J. Lahr was made an honorary "Boot Chief" Pat Keller and George Silberberg were awarded patents for developing laser formed video tube calibration markers.

Sept. 23, 1966

Jimmie Craig of Code 4035 piloted a hot air balloon used as a test vehicle for Briteye aircraft flare development. NOTS' Desert Philosopher, Pop Lofinck, celebrated his 76th birthday and got a gold press card by the Station Public Affairs Officer, J.T. Bibby. NOTS' XO, Capt. Leon Grabowsky has been reassigned to duty in Hawaii. AQC Joseph Jordon retired after 23 years in the Navy and plans to make Ridgcrest his home. Austin T. Ross, head of the employee, management relations division is leaving China Lake for a post at Mare Island.

Sept. 26, 1951

LCdr. Dwight Asmus hopes to double the U.S. Savings Bond participation by NOTS personnel during this year's big push. Arthur Rubenstein was among the artists scheduled to appear during the China Lake Concert Society's program. Assistant Technical Officer, Cdr. Howard Avery will talk about air-to-air rocketry in a technical discussion this week. Leonard LaRousa was elected to lead the Dust Devils hot rod club. China Lake and Ridgcrest residents met in the Community Building to talk about starting a Ridgcrest bank.

China Lake Calendar

Thursday, Sept. 26

VX-5 Change of Command ceremony, Armitage Field, Hangar One, 2 p.m.

Annual NWC Graduation Luncheon, 11 a.m., Seafarer Club.

STC Luncheon/Speaker Meeting, 11:30 a.m., El Charro Avitia Restaurant

NCMA Monthly Meeting, 5:30 p.m., El Charro Avitia Restaurant.

Tuesday, Oct. 1

Grand Opening of NWC Commissary under Defense Commissary Agency, 9 a.m.

Tuesday, Oct. 8

WACOM Meeting, 11 a.m. NWC Seafarer Club.

Thursday, Oct. 10

Government Surplus Property Auction Sale, 9 a.m. Building 1073.

Saturday, Oct. 12

Navy Ball, NWC Seafarer Club.

Coming Events

Sunday, Oct. 13

U.S. Navy's 216th Birthday.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

Emergency evacuation plans required for lab

Personnel must clear buildings and evacuate to safe areas when they hear fire alarm horns or are told to evacuate by emergency personnel. Evacuations are necessary during drills or emergency situations, including fire, flood, earthquake, bomb threats, etc. To better safeguard personnel in Michelson Laboratory and to expedite responses for fire and police units, an emergency evacuation plan is posted prominently throughout Michelson Laboratory.

The emergency evacuation plan identifies designated personnel evacuation sites. Specific department plans for evacuation should be consistent with the evacuation of personnel to the designated personnel evacuation sites. By Code 242

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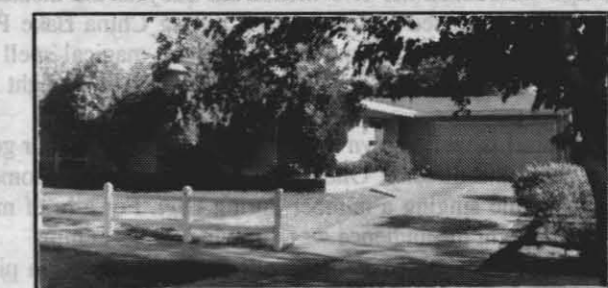
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Community Events

Wild West weekend celebration

Celebrate the heritage of the High Desert during September's Wild West Extravaganza when music, dancing, food, mine tours and melodrama take center stage for three days. From Sept. 27-29, a variety of activities at Kern Regional park will give visitors a dizzying array of entertainment.

The Wild West Extravaganza begins Friday evening with a celebration of California Indian Day. Starting at 5:30 p.m., watch intertribal Indian dancing by the Golden Eagle Dance Club, followed by a chicken barbecue. After the barbecue, listen to the strains of bluegrass music as members of the Southwest Bluegrass Association arrives for a weekend-long jam session at Kern Desert Regional Park.

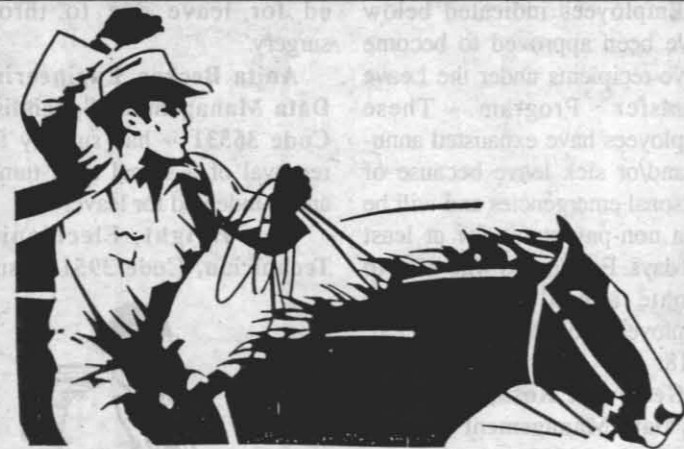
Bluegrass music and activities, including workshops for novice musicians and cloggers, are woven into Saturday's events. Children and adults alike can listen in rapture to Ruth Stotter, a globe-trotting storyteller. Entertainment continues with the comedy of the Scott Land Marionettes, frequent guests at Disneyland and in Las Vegas.

The Great Western Melodrama, a rollicking presentation by the Randsburg Players and the China Lake Players, will be performed outside the festival grounds, just a short ride by horse-drawn buckboard or shuttle bus.

Food will be available all day, starting with a 7 a.m. pancake breakfast at the park and ending with the Taste of Indian Wells Valley -- an indoor sampler of entertainment and local restaurants' fare. Tickets, which are \$15 for adults, may be purchased at the Maturango Museum.

Sunday offers tours to many historical and active mines, as well as the geothermal energy plant. To be guaranteed a seat, reservations are recommended.

Park activities on Sunday begin with a bluegrass gospel hour and performances by the Clogging Company and Bluegrass Widows. The Calico Wild Bunch's western stunts will highlight the event.



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3. Press your lips together and count to 10. Or, better yet, to 20.
4. Put your child in a time-out chair. (Remember the rule: one time-out minute for each year of age.)
5. Phone a friend.
6. If someone can watch the children, go outside and take a walk.
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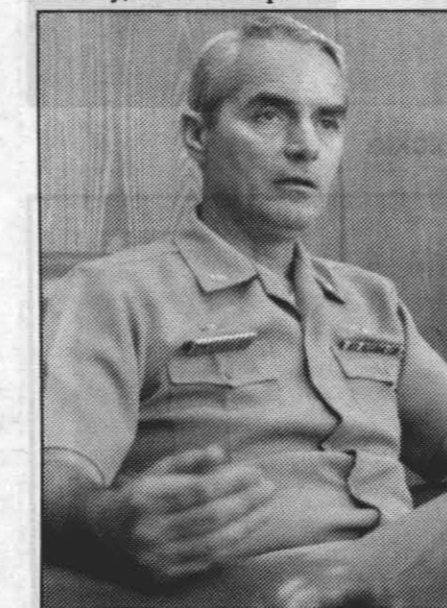
Military News

VX-5's departing Skipper talks past, future

CO says squadron's mission plays a critical role in continued defense of the United State of America

by Steve Boster
Rocketeer Editor

With a nation at peace, the mission of Air Test and Evaluation Squadron Five (VX-5) is among the most important for the Navy, Marine Corps team. That's the



Capt. Raymond A. Kellett Jr.

heartfelt opinion of Capt. Raymond A. Kellett Jr., the squadron's departing commanding officer.

As he prepared to turn over command of the Vampires to his relief, Capt. Garth A. Van Sickle, Capt. Kellett took time to talk about his two years at the helm of VX-5 and discuss what the future may hold.

The squadron's mission is vital to the future of the nation because the men and women at VX-5 are among those taking a long, hard look at what the Navy's air arm is going to be like in the year 2010. This includes the kind of force structure, weapons, platforms and tactics naval aviation will have or need 20 years from today. To the VX-5 Skipper's mind, few tasks in the Navy are more vital to the country's future than determining the kind of Navy and Marine Corps we'll have in the next century.

The veteran naval aviator called his two years at VX-5 an absolute high point of his 20-plus years in the Navy. "This isn't your standard, ho-hum 8-to-5 kind of job. It's truly a leading edge assignment. The ability to have this kind of input into the Navy and Marine Corps acquisition process is the most exciting thing I've seen other than combat," Kellett said.

This ability, through the operational test directors at VX-5, to put weapons that work in the hands of fleet pilots, to make a line in the sand of accomplishments, has been the high point of two years in command for Kellett.

Singling out the officers and enlisted

members of his command, Capt. Kellett said the Navy and Marine Corps sends the cream of the crop to VX-5. Junior officers get more responsibility as operational test directors (OTD) than they would in a fleet squadron. Even sailors have to be a cut above average at VX-5. They learn how to work with multiple aircraft types, not just the single type of a typical fleet unit.

"I knew the people here were good when I got this assignment," noted Kellett; even so, the caliber of the men and women here was a surprise. I almost felt guilty because the people are so good, these two years didn't seem like work. I've never had two years fly by so quickly."

VX-5's departing Skipper had good words for the Naval Weapons Center as well. "The cutting edge technology work done at NWC is of vital importance to the fleet," he noted. He also praised the support given the Vampires by NWC and by the squadron's boss, Commander, Operational Test and Evaluation Force. "I had high expectations when I took this job. I knew I was getting a plum assignment. Thanks to the people here, at NWC and at COMOPTEVFOR, it was even better than I had expected," Kellett added. "My only regret is that I'm leaving! I'd come back here anytime."

At least one reason why OTD duty at VX-5 draws the best the Navy has to offer in the attack community was expressed by the Skipper when he said, "It's like the big kid in a sand box, they get to play with all the new toys, in this case, new weapons systems, first."

Clearly, one aspect of squadron life he'll miss is the closeness of people working at VX-5. "Even though I may have up to a quarter of the squadron on travel at any given time, this is a very close knit unit. For the most part, we work in a confined area and really depend on another. And, despite the closeness at work, we like to play together as well. It's very much like a family," commented Capt. Kellett.

As to the future, Capt. Kellett and (his real) family are leaving soon for Hawaii. "I'm going to be in one of the few buildings in Honolulu without any windows, so I'll miss the view of the mountains I have here," he noted.

The captain assumes duties as director of the command center for Adm. Larson, Commander-in-Chief, U.S. Pacific Fleet (CINCPACFLT). "We keep watch over about half the earth -- from the U.S. continental divide to a line drawn from India's southern tip to the coast of Kenya on the African continent. This includes not only keeping track of our ships, but those of

allied nations, civilian shipping and any potential threat forces. It's likely I'll go to work before the sun comes up and not get home until it goes back down again," he joked.

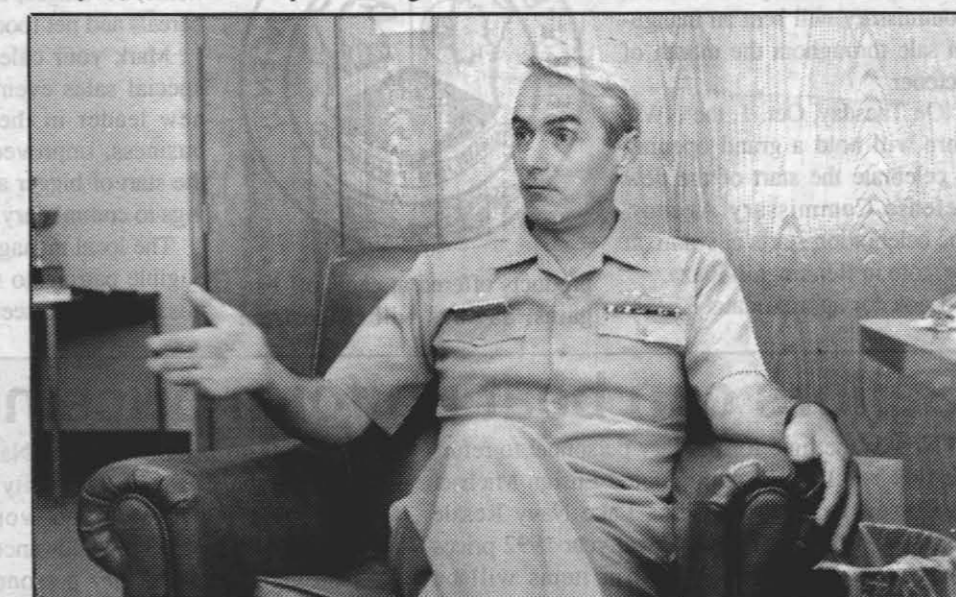
Everything from sea-air rescue efforts to reports on two ship colliding at night and from arranging port visits for U.S. Navy warships to reports of shipboard mishaps pass through CINCPACFLT's command center. With computers, satellite communications gear and plotting screens showing where the fleet is deployed to, the command center throbs with activity 24-hours a day. No wonder Kellett says he'll have scant chance to soak in Hawaii's sunshine for awhile.

"Clearly, the message of downsizing the Navy is going to continue for the next few years, mandated by shrinking bud-

geth the death of the A-12 Avenger, the Navy has looked to defense contractor teams to design this new aircraft, now known as the "AX." This aircraft is crucial for the look of the Navy's force structure 20 years down the road and the Vampires will be involved from the get-go.

"Platforms may change, weapons requirements may change, but the bread and butter mission of VX-5 won't. The Vampires are going to get involved not only in evaluating the final weapons system, but in helping to determine design requirements, along with other COMOPTEVFOR units such as VX-4 at Pt. Mugu," added Kellett.

One reason VX-5's Skipper sees a strong future for the squadron at China Lake is the range complex run by NWC. "Our transit time from the airfield to a



LOOKING AHEAD-- Capt. Ray Kellett talks about the future of the Navy and VX-5.

range where we can drop ordnance or operationally test tactics is minimal and that makes a difference," he said.

For people working at VX-5, the immediate future is good too. Kellett noted the "Projects" side of the hangar's top deck is being renovated to create better work areas and in the next fiscal year, he expects a new roof to go up. "Luckily it doesn't rain very often here, but when it does, the leaking roof causes serious problems," noted the captain. But not for much longer.

Captain Kellett is from Sanford, Maine. He holds a bachelor of science degree from the United States Naval Academy, a master of science degree in weapons systems acquisition management from the Navy Post Graduate School and is a graduate of the United States Naval War College. He earned his pilot wings in July 1969.

Turning back to VX-5's mission, the veteran aviator noted the squadron is going to be involved as early as possible in determining design requirements for the next generation of Navy attack aircraft. With

(Continued on Page 13)

Squadron's new CO looks forward to tour

(Continued from Page 1)

The new Skipper is enthused not only about his assignment, but its location. "I'm really, really up about the whole experience. VX-5, NWC and Ridgecrest are all very impressive." He also scoffed at the notion this is a remote area. "This isn't remote, Diego Garcia -- now that's remote! I spent eight years in a one-room school, and that's remote. Really, the area has a lot going for it and it strikes me as a great place to be."

VX-5's Skipper noted he was looking forward to working with the Naval Weapons Center as well. "The ranges at NWC are really a unique, one-of-a-kind

test facility for the Navy," the new Vampire CO added.

Captain Van Sickle reports to VX-5 from Yokosuka, Japan, where he was assistant chief of staff of operations of Task Force 70/Commander, Carrier Group Five (COMCARGRU Five). Captain Van Sickle is married to the former Jackie Hensell of Cumberland, Maryland. They have two daughters, Shari and Heidi.

Taking command of the squadron at a time of great change in the world and in the Navy, Capt. Van Sickle faces multiple challenges, but is excited about them and ready to get to work.



VX-5 CO, Capt. Garth Van Sickle

DCA bills grand opening celebration for China Lake's Commissary Store

Celebrating the debut of the new Defense Commissary Agency, the Naval Weapons Center's Commissary will host an inaugural sale throughout the month of October.

On Tuesday, Oct. 1, the NWC store will hold a grand opening to celebrate the start of the new Defense Commissary Agency. The celebration starts at 9 a.m. at the store in Bennington Plaza.

Look for approximately 1,000



products offered at cents-off bargains. Savings will range from

35 to 60 percent. Top brand health and beauty aids, specialty items, beverages, frozen dinners, cereals and pet food are featured.

Mark your calendars for this special sales event, heralding a new leader in the commissary business, improved service and the start of bigger and better savings to commissary customers.

The local manager encourages eligible patrons to visit the commissary soon to see the changes.

Sailors can beat uniform price hikes

Now is the time for military personnel to refurbish their military clothing, noted Ensign Michael E. Corsey, head of the China Lake Navy Resale Activity. "Effective Oct. 1, Fiscal year 1992 prices for government issued uniform items will be raised, with some of the increases quite substantial," he said.

Because almost every clothing item is affected, the new price list is posted at the Uniform Shop.

According to personnel at the Naval Weapons Center's Personnel Support Activity Detachment (PSD), there is currently no word about an increase in military clothing allowance.

"I strongly urge military personnel who will need to purchase military clothing in the near future to purchase the items before Oct. 1," Ensign Corsey stated. "After Oct. 1, the new prices will be in effect."

Exchange offers super saving with rug sale

Once again the Naval Weapons Center Navy Exchange will offer super savings to its patrons during the Truck Load

Rug Sale set for Sept. 30 through Oct. 15.

Decorate your home with quality and style for a super-low

price! The local Navy Exchange is next to the Commissary, off Blandy Ave. in NWC's Bennington Plaza.

New fiscal year resets CHAMPUS' annual 'limit'

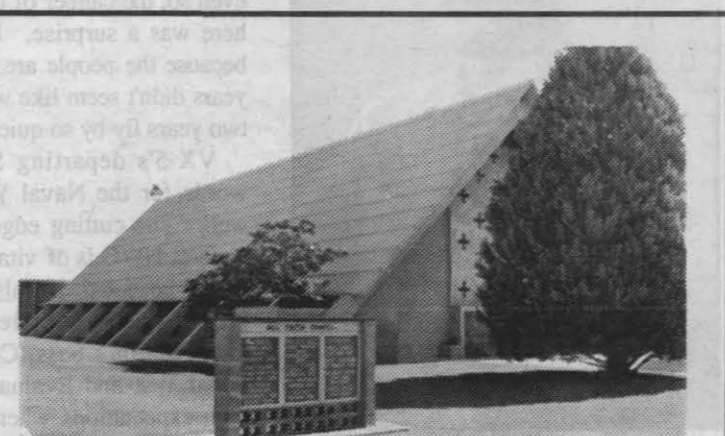
With the new fiscal year, the limit, or "cap," on how much service families have to pay for CHAMPUS-covered medical bills starts all over again.

The cap is \$1,000 for active-duty families and \$10,000 for all other CHAMPUS- and CHAMPVA-eligible families.

The cap helps protect families from catastrophically high medical expenses. It applies to the amount of money needed to meet the family's annual deductibles for outpatient care, and cost-shares for both inpatient and outpatient care, based on CHAMPUS allowable charges for covered care

received in any one fiscal year. When a family reaches the cap during a fiscal year, CHAMPUS then pays all additional allowable costs for covered care for the rest of these fiscal year.

Bills for care not covered by CHAMPUS, or charges beyond those CHAMPUS determines to be reasonable, or "allowable," are not capped; they must be paid in full by family members or their sponsors. Likewise, costs paid by families under CHAMPUS' Program for the Handicapped are not counted toward the cap.



Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1002 Blandy)	1 p.m. (DST) 12 p.m.(ST)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:15 a.m.
1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	
Scripture Classes, Tuesdays (October-January)	
St. Ann's Parish Hall	7-8:30 p.m.
Jewish	
(375-0385 Messages)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) (September thru June)	3:00-5:00 p.m.
Religious Education (Sunday, East Wing) (September thru June)	9:00 a.m.-12 (noon)

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Fellowship:

Graduate level applicants sought by Center

Applications for graduate level Fellowships are invited from NWC employees. A Fellowship is defined as off-Center training for a period of more than 120 consecutive working days. To be eligible for a Fellowship, interested individuals should be employed at NWC for at least three years at the time studies begin.

A Fellowship may meet any of the following objectives:

1. To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.

2. To give technical employees management skills when job responsibilities have, or will become, managerial.

3. To update employees' knowledge and background in their job specialty.

4. To teach employees aspects of another occupation that relates to their present occupation where responsibilities are interdisciplinary or multidisciplinary.

The China Lake Fellowship Committee (CLFC) will consider applications in any area of study that relates directly to NWC program requirements. Criteria are: 1. The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.

Exam planned

On Oct. 1, the Computer Science Graduate Writing Exam will be given to graduate students in the California State University, Chico master's degree program at NWC. Exam fee is \$25. If interested, call Denise at NWC ext. 2648.

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2. The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term full-time duration is required.

3. It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.

4. There is no educational institution or academic program in the local or community area for part-time or after-hours training.

Further details of the China Lake Fellowship Program are provided in the China Lake Fellowship Program Brochure, NWC Ad Pub 407. Interested employees must submit to the Academic Fellowship Office, Code 2241 an original and seven copies of:

1. China Lake Fellowship Program Nomination Form (NAVWPNCEN 12410/85 Rev 8/91) including attachments;

2. A memorandum of endorsement/nonendorsement signed by their Department Head addressed to the Chairman, China Lake Fellowship Committee, Code 2241.

Nomination Forms are available from Code 2241, Rm 212 in the Training Center (Bldg. 00947). **Application deadline is October 18.**

Leave donor program offers benefits to China Lakers

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should call NWC ext. 2018.

Genieveve Kash, Engineering Data Management Specialist, Code 36523 -- underwent major surgery which has exhausted all her leave.

Linda Schmitt, Computer Specialist, Code 3192 -- underwent major surgery and is in need of leave.

Victoria Wintjet, Contract Specialist, Code 2622 -- underwent surgery and is in need of leave.

Timothy Dawson, Pre-Journeyman, Code 3644 -- is indebted

for leave due to throat surgery.

Anita Becker, Engineering Data Management Specialist, Code 36531 -- had surgery for removal of a spinal cord tumor and is indebted for leave.

Ron Wright, Electronics Technician, Code 3951 -- suf-



fered a heart attack and will be unable to return to work.

Susan Thompson, Secretary, Code 3935 -- is caring for her chronically ill mother and is indebted for leave.

Linda Harinek, Purchasing Agent, Code 254 -- underwent coronary angiography and is in need of leave.

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

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

Rick A. Breitengross (Code 36813) Engineering Technician is providing care for his step-mother who is in total kidney failure and on dialysis.

Herschel R. Sibley, Mechanican Engineering Technician, Code 3571 -- underwent heart surgery and is in need of leave.

Leave restoration effort requires coordination

Employees may have annual leave cancelled because of on-the-job operational demands restored for later use provided the following conditions are met: (1) the operational demands are of such major importance as to preclude the use of scheduled annual leave, and (2) the annual leave must be scheduled at least three

pay periods prior to the end of the leave year. The leave year ends on Jan. 11. Therefore, leave must be scheduled prior to Dec. 1.

Requests for restoration of annual leave should be sent to the head, Employee Management Relations Division (Code 221). The following documentation supporting the claim must be pro-

vided with the request: a. The SF-71, Application for Leave, showing the date the leave was scheduled. b. A statement from the department head giving the reason(s) for the proposed cancellation and the beginning and ending date of the operational demand. Call NWC ext. 2018 or 3892 for details.

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Aspiring China Lakers urged to seek WELP slots

Applications are now being accepted for the Fiscal Year 1992 Women's Executive Leadership Program.

The Women's Executive Leadership Program is a 12-month career enhancement program for both women and men desiring training and developmental experiences to prepare them for future opportunities as supervisors and managers. The

program is open to full-time permanent employees in non-supervisory (or less than one year of supervision) positions at the DA/DS/DT-3 and DP-3 (below the mid-point) levels.

Selected participants will attend an orientation session where they will complete an individual needs assessment and development plan to serve as a blueprint for the

program. Participants will undergo three weeks of classroom training, 30 and 60 day developmental work assignments, executive interviews and management readings.

An information handout providing details about this program and application procedures is available from the Federal Women's Program Manager, Code 225,

Human Resources Department, Room 207; or the Academic Fellowships Office, Code 2241, Training Center (Bldg. 00947), Room 212. Or, call Socorro Ramierz Williams at NWC ext. 2348 or Bill Bethke at NWC ext. 2349 or 2451.

Information handouts have also been sent to each department office. **Deadline for submission of applications is Oct. 25.**

Soldering certification classes offered next month

Certification Courses

Two 40-hour high-reliability soldering courses to MIL-STD-2000 are planned. Classes will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. The first class being held Oct. 7-11, while the second one will be held Nov. 18-22. These courses are for government/contractor personnel needing certification as inspectors or operators.

To take the course, applicants must have (1) previous soldering experience and (2) a current eye examination.

To be scheduled into class, contact the Soldering Training Facility, Code 36812, 446-5571. After being scheduled, submit a Training Request (NAVWPNCEN 12410/73), with a Job Order Number to be charged annotated in Block 16, via department channels to Code 36812.

ment channels to Code 36812.

Recertification Course

From Nov. 18-20, a 24-hour recertification course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. This course is for government/contractor personnel requiring annual recertification as inspectors or operators.

The course prerequisites are (1) previous certification to MIL-STD-2000 and (2) a current eye examination.

To be scheduled into class, contact the Soldering Training Facility, Code 36812, 446-5571. After being scheduled, submit a Training Request (NAVWPNCEN 12410/73), with a Job Order Number to be charged annotated in Block 16, via department channels to Code 36812.

CSU Northridge needs instructors to teach classes at NWC in spring

California State University, Northridge (CSUN) is looking for instructors to teach courses offered through the CSUN external degree program on-Center. The courses expected to be offered during the 1992 spring semester are listed below:

- EE 525N: Microprocessor Appl. in Engineering,
- EE 552N: Digital Signal Processing II,
- ME 590: Advanced Fluid

Dynamics,

- AM 542: Finite Elements Method in Mechanics, and
- IE 5YY: Software Engineering Course.

Individuals who are interested in teaching one or more of these courses, and have at least a master's degree, are asked to forward their resumes to Cecil Webb, Code 224, by Sept. 26.

For more information, please call Webb at NWC ext. 2648.



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Capt. Allen challenges sailors and Marines to persevere in pursuit of their own dreams

by Barry McDonald
Rocketeer Staff Writer

Friday was favored with a classic desert sunrise, a brilliant orange disk projecting pink rays through a small spattering of clouds -- a fitting start for the day that would see the Navy's grand farewell to Naval Weapons Center Chief Staff Officer, Capt. Kenneth E. (Gene) Allen. His F/A-18, chocked in front of the Headquarters Building, sat in quiet anticipation of the 10 a.m. retirement ceremony.

Later, relating a moving incident for him that morning, Capt. Allen confessed to NWC Commander, Capt. Douglas W. Cook, after being up late at his retirement party, "I came in late boss. As I approached the area, I saw the F-18 sitting there, and it was time for colors. I'm normally inside at that time...If that didn't strike a nerve! It got the day off to a very good start."

Guest speaker RADM, William E. Newman, Commander, Pacific Missile Test Center, opened the ceremony, recognizing Capt. Allen's relatives in attendance -- wife, Nancy, his children, Dixie, Kenneth and Pamela from Florida (who, Capt. Allen said later, had surprised him at 4 a.m.), his aunt (who Allen said was a second mother to him) and a cousin.

RADM Newman said he'd never served with Gene Allen and didn't know him all that well personally. "But I have strong feelings about this particular tradi-

tion...Piping an old salt over the side for the last time."

"...Not many would comprehend the effort, sweat and stress that went into thousands of flight hours and hundreds of catapult launches (and) carrier landings, day and night...aircraft emergen-

"You see, Gene, even though we haven't served in the same unit...I've come to know of your reputation for professional competence."

Following the admiral's comments, he presented Capt. Allen and his wife Nancy certificates of

numerous awards, including the Distinguished Flying Cross, Meritorious Service Medal and Air Medal, all with multiple stars or awards, and four awards for service in Vietnam.

Then Capt. Allen took the lecturn. The departing chief staff

learn something."

After thanking Electa Russell and Pat Tabola for arranging the farewell party, Stan Ricker and the China Lake Volunteer Band for providing the music for the occasion and the Aircraft Department for "dragging" his aircraft to main site, the 35-year sailor-turned-aviator went on to tell his story of determination.

Flying at a young age with his uncle in a Swift 125 had given Allen the vision to fly aircraft. He soloed before he was 17, and "when I got my license I took my first wife for a ride." He thought there must be away to fly and get paid for it.

In the Naval Reserve they came up with a lot of reasons that he couldn't be a pilot. So, after getting them to "at least let (him) ride in the back," logging over 1,600 hours as an aircrewman, he looked for other avenues to the cockpit.

He decided he should get an education, so applied for the Navy's Enlisted Scientific Education Program. After going through the "rigamarole" of paperwork, interviews, testing and final exam, he didn't make it two years in a row. The third year all that was left was the final exam, which happened to fall on the Friday of the week he had gone hunting with some friends. He decided, "I didn't want to be 40 and not know if I would have passed that exam." So he packed up and went home to study. And (Continued on Page 13)



FINAL SALUTE--Capt. K.E. (Gene) Allen receives his final salute as a Navy captain and chief staff officer of the Naval Weapons Center. He and his wife, Nancy, walked between the rows of his fellow officers departing last Friday's retirement ceremony. Photo by PH3 Cary Brady

cies you calmly resolved and enemy warheads you not-so-calmly dodged," he said. "...to hundreds, perhaps thousands, of Navy men and women... you've been a beacon of strength and professional excellence.

appreciation, and the captain, the certificate of retirement, the traditional NWC flag box and a letter of appreciation from Capt. Cook, as Cdr. Thomas Massicotte, master of ceremonies, read the citations. Capt. Cook's letter cited

officer said he doesn't usually like to talk about himself, but with a large contingent of officers and enlisted members standing in front of him in their summer whites, "I want to pass my story on to the youth, so they might

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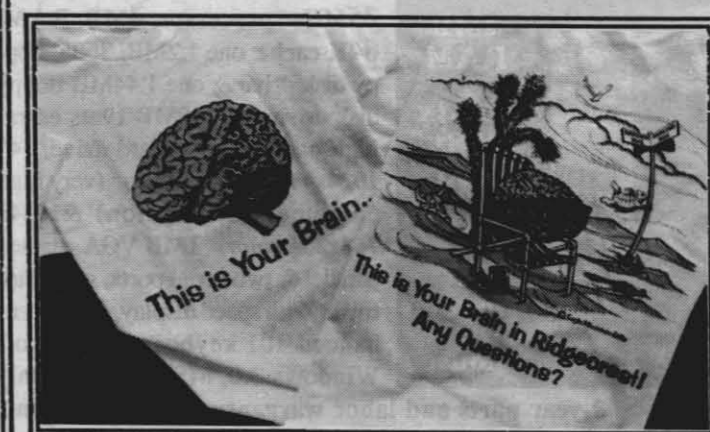
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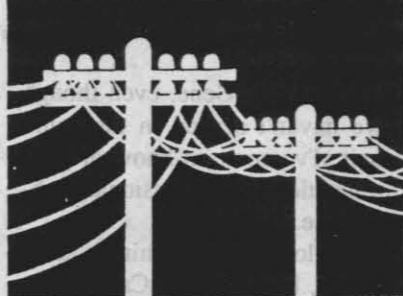
Electricity is a source of energy that has made life more comfortable and easier, but when mishandled, it can cause serious injury or death.

An electrical shock can stop a person's breathing and heartbeat. Because electricity flows easily through the body tissue, a small amount of electrical current can burn skin, nerves and muscles. If it passes through the body's vital organs, it can also cause death. In essence, the victim had become part of the electric circuit. In addition, an electric current can cause a person's muscles to contract violently, causing a person to lose balance and fall, causing additional injuries.

Safety precautions should always be observed around elec-

trical equipment, circuits and even household appliances. Be alert for any indication of electrical malfunction. Potential signs of electrical problems could include unusual sounds, fire, smoke, sparks, frayed or damaged cords and plugs, cords feel warm to the touch, a slight electrical shock may be felt when handling equipment, unusual odors from overheating or burning of insulation, equipment fails to operate or operates irregularly, and/or electrical equipment produces excessive vibration. If any of these signs, or anything unusual is noted at work, report it to the supervisor; at home, unplug it and have an electrician look at it.

People who always follow the safety tips provided below to live



and work with electricity are taking a positive step toward a safe and enjoyable experience with this important everyday, home, work and play tool -- electricity.

1. Make sure electrical appliances, cords and plugs carry the Underwriters Laboratories (UL) label for product standards.

2. Replace frayed or worn cords and cracked or broken plugs.

3. Do not run extension cords

under rugs or carpets.

4. Make sure all portable electric tools and appliances are grounded or double insulated.

5. All switches and outlet boxes are in place and in good condition -- free from cracks.

6. Do not use extension cords as a substitute for permanent wiring.

7. Never attempt to repair electrical appliances unless you are trained and qualified.

8. Never assume anything! If someone is injured by electricity, don't touch the person until you have removed them from the source of electricity by turning off the power or unplugging the appliance or tool. If cutting off power isn't possible, use a non-conductor such as DRY

wood, rope, a stick or a broom handle to move the person safely. If there is ANY question as to whether or not it will be safe to help someone injured by electricity, DON'T TRY IT!

Call for emergency assistance immediately. From workites on-center, the extension is 3333 and from telephone numbers with a 446 prefix, dial 911 or 939-3333. While waiting for emergency help, and if it is safe, monitor the victim's breathing and heartbeat. It may be necessary to perform CPR if you are trained to do so.

Electricity is a great helper, but it can be a killer if we fail to treat it with respect.

By the Naval Weapons Center's Safety Program Office

Center employees given RF safety presentations

Richard Hughes will presenting Radio Frequency (RF) Safety classes for Naval Weapons Center radio frequency workers on Sept. 30.

Classes, which consist of two four-hour sessions, are held in Room 114 at the Training Center. The first class is from 7:30 to 11:30 a.m., with the second class running from 12:30 to 4:30 p.m. There is still space available in either class, but remember, size is limited.

To register, submit a NAVWPNCEN Form 12410/73 (Rev. 12-88) "On-Center Training Request" to the Safety Program Office (Code 2405), attention Gary Beckstrom. Please, DO NOT send these forms to the Training Center.

For more information, call Beckstrom at NWC ext. 2002 or 2362.

NWC HOTLINE (800) 522-3451 (toll free)
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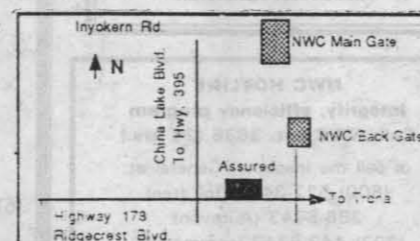
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Merit promotion positions at NWC

(Continued from Page 18)

potential to DP-4, but not guaranteed. Closes 10-10-91.

No. 39-039, Supervisor Electronic/Mechanical Technician, DT-802, 856-3/4, Code 394. This position is that of Head, Electro Optics Guidance Division. The division designs, analyzes and develops electro-optical (EO) guidance and target acquisition systems. The incumbent will be responsible for the management, supervision, administration, and

leadership of a large division consisting of five branches and several project offices. Incumbent must have demonstrated communication skills, both orally and in writing. Incumbent must be able to analyze problems, synthesize data and present and justify a position. **Job Relevant Criteria:** Knowledge of CAE tools/skills and concurrent engineering; knowledge of ME/EE/software systems, electro optical systems and components;

knowledge of IR systems/technology; knowledge of program management (including contracts and matrix management issues) and resource planning/management. Knowledge of personnel policies and procedures. Knowledge of affirmative action principles, including a willingness to implement EEO practices. The incumbent must be able to obtain and maintain a top secret clearance with SBI. ****Any applicant tena-**

tively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box. Incumbent must serve one year supervisory probationary period if not previously completed. Promotion potential to DP-4, but not guaranteed. This announcement will close on 10-10-91.

Secretarial opportunities

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

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

No. 31-014, Secretary (Typing), DG-318-1/2, Code 3131 - The incumbent will provide secretarial and administrative support to the Radar Warning Receivers (RWR) Branch. Ability to operate a MacIntosh computer is necessary. The full performance level of this position is DG-2. Previous applicants need not reapply.

No. 31-017, Secretary (Typing), DG-318-1/2, Code 3183 - This position provides secretarial and administrative support to the Systems Engineering Branch. Knowledge and working skill on the MacIntosh II, and related software is desirable. The incumbent is responsible for providing support to a team of engineers to include travel and security arrangements, timely submission of progress reports, and tracking the financial status of projects. Must have a Secret clearance. Full performance level is DG-2. Previous applicants need not reapply.

No. 36-030, Secretary (Typing), DG-318-1/2, Code 3664 - The incumbent will provide secretarial and administrative support to the Integrated Logistics Support Branch in the Fleet Engineering Division, Engineering Department. Ability to operate an IBM computer is desirable. Promotion potential to DG-2, but not guaranteed. A Supplemental Form is required; see "Secretarial Opportunities" box.

No. 38-007, Secretary (Typing), DG-318-1/2, Code 38502 - The incumbent provides secretarial support to approximately 17 research chemists and chemical engineers in the Chemistry Division. Knowledge of and working skill on the MacIntosh II is desirable. A variety of duties will give the incumbent a wide range of experience. The full performance level of this position is DG-2.

No. 38-008, Secretary (Typing), DG-318-1/2, Code 3894 - This position is located in the Research Department, Engineering Sciences Division, Warhead Dynamics Branch. The incumbent provides secretarial and administrative support to the Branch Head and staff. Additionally, incumbent will assist elsewhere in the Department when needed and workload permits and may be called upon to assist editorial assistants during times of heavy workload. Knowledge and working skills on the MacIntosh SE/SE-30/II is desirable. Promotion potential is DG-2.

No. 64-037, Secretary (Typing), DG-318-1/2, Code 6436 - This position is located in the Threat Simulator Systems Branch of the Radar and Threat Technology Division of the Aerosystems Department. The incumbent provides secretarial and administrative support to the Branch Head. Experience using the MacIntosh is desirable. The incumbent must be able to obtain and maintain a Secret clearance. Status eligibles may apply.

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Personnel News

Promotional opportunities

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

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

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

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

Notice Regarding Drug Testing Designated Positions

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis 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 an 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. (NAVWPCENINST 12792.2, 14 Dec 90).

No. 24-020, Police Officer, (FTO) positions will be filled GS-083-6, Code 2413 (three not-to-exceed one year. The vacancies) - This ad establishes a temporary promotion list from this list as necessary through 28 February 1992. Applicants who

do not meet the statutory (Time in Level) requirements but will meet those requirements during the term of this list may apply but will not be placed on the list until those requirements are met. The FTO position is located in the Operations Branch of the Law Enforcement Physical Security Division, Safety and Security Department. In addition to performing a full range of Police Officer duties, the incumbent will be responsible for development, implementation, monitoring and assessment of new recruits. The incumbent will work one of three shifts. Intense training will be performed on a one-to-one ratio. Incumbent must demonstrate a diverse skills and in-depth knowledge of law enforcement and the ability to convey that knowledge. **Job Relevant Criteria:** Knowledge of training and evaluation techniques; Ability to develop training plans; Knowledge of Federal and state laws, administrative rules, policies and procedures. Previous applicants need not reapply.

No. 26-008, Pipefitter Leader, WL-4204-10, Code 2674 - The incumbent will work directly with and lead 12 to 24 journeymen and/or helpers in a variety of work operations including but not limited to systems maintenance, boiler operation and maintenance, asbestos removal and insulation works as required. **Job Elements:** Applied knowledge of the trade; ability to lead or supervise; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; and knowledge of pertinent tools and equipment. Promotion potential: WL-10. A SUPPLEMENTAL QUALIFICATIONS STATEMENT IS REQUIRED.

No. 27-006, Supervisory Information Resources Manager, DP-301-3/4, Code 274 - This position is that of Head, Information Resources Technology Support Division, Information Systems Group. As Division Head, the incumbent directs a multi-disciplined organization which is responsible for the development and administration of contract vehicles which effectively and economically acquire FIP equipment, contractor support, software and maintenance for the Center utilizing a centralized single action approach. He/she supports selected Center-wide Omnibus FIP contracts, and Cen-

ter Departments as requested; provides liaison, coordination and planning with Naval Weapons Center organizations in support of joint Navy Lab/overall Navy IRM Policy and acquisition programs; coordinates the review, approval and acquisition of NWC FIP/C&IS resources and furnishes guidance to the Center in the preparation of annual C&IS plans and monitoring of the C&IS tracking systems. The Division serves as the Center's C&IS Approval Authority and keeps department focal points apprised of changes in policy or procedures related to the FIP arena. The Division also serves as Technical Monitor for the Center's PC Lab which is organizationally under the Division. **Job Relevant Criteria:** Knowledge of Acquisition Processes; knowledge of Federal Acquisition Regulations; knowledge of SECNAVINST 5231.1B; knowledge of Federal Information Resources Management Regulations; knowledge of GSA, NISMC and SPAWAR organizations; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies; ability to plan, organize, coordinate and manage a project. Selectee may be required to serve a one year supervisory probation period. Promotion potential to DP-4, but not guaranteed. This announcement closes 10-3-91.

No. 28-059, Supervisory Systems Accountant, DA-510-1/2, Code 2861 - This position is Head of the General Accounting Branch located in the Accounting Division of the Office of the Comptroller. Incumbent will supervise NIF financial statement preparation, general ledger, account reconciliation, cash processing and financial control functions. Incumbent will prepare analyses and interpret statements of financial condition and other accounting reports. Duties include evaluating and implementing accounting policy and procedure for financial systems, financial reports, general ledger accounts, records, devices for controls and other related procedures. The incumbent must have demonstrated: experience in researching and reconciling general ledger accounts; experience in preparing NIF financial statements; a working knowledge of the Center's billing function for revenue recognition; the ability

to apply accounting methods to complex situations; a working knowledge of Navy Comptroller Manuals #4 and #5. **Job Relevant Criteria:** Knowledge of NIF funding and accounting methods; Knowledge of TQM (Leadership); knowledge of affirmative action principles including a willingness to implement EEO practices; ability to gather and analyze financial data; ability to communicate effectively, orally and in writing. Incumbent may have to serve a one year probationary period. Full performance level is DP-3. This announcement closes 10-10-91.

No. 39-038, Supervisory Interdisciplinary (General Engineer, Mechanical Engineer, Electronics Engineer, Electrical Engineer, Physicist, Mathematician), DP-801, 830, 855, 850, 1310, 1520-3/4, Code 394. This position is that of Head, Electro Optics Guidance Division. The division designs, analyzes and develops electro-optical (EO) guidance and target acquisition systems. The incumbent will be responsible for the management, supervision, administration and leadership of a large division consisting of five branches and several project offices. Incumbent must have demonstrated communication skills, both orally and in writing. Incumbent must be able to analyze problems, synthesize data and present and justify a position. **Job Relevant Criteria:** Knowledge of CAE tools/skills and concurrent engineering; knowledge of ME/EE/software systems, electro optical systems and components; knowledge of IR systems/technology; knowledge of program management (including contracts and matrix management issues) and resource planning/management. Knowledge of personnel policies and procedures. Knowledge of affirmative action principles, including a willingness to implement EEO practices. The incumbent must be able to obtain and maintain a top secret clearance with SBI. **Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Incumbent must serve one year supervisory probationary period if not previously completed. Promotion

DRMO sets new auction next month

Local Auction 41-2025 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Thursday, Oct. 10. The bidding begins at 9 a.m. in Building 1073, Warehouse 41.

Items will be on display from 7:30 a.m. to 2:30 p.m. Mondays through Fridays beginning Oct. 7. A complete list, sales terms and conditions can be seen at Building 1073, Warehouse 41.

Registration begins at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on sale day



CompuChatter
Recently, we discussed some practical tips for getting Macintosh hardware ready for the day when it will start using System 7.0. Here's a couple of tips for getting the user ready:

Sponsored By: PC Lab, Code 2741 NWC ext. 6631

1. System 7.0 only uses multifinder. Anyone who is not already using multifinder, should learn to use it now under System 6.x, rather than later under System 7.0, when there will be lots of other new stuff to learn.

2. The Training Center doesn't presently offer a System 7.0 class. However, for \$69, a two-hour VHS video tutorial from Mac Academy can be purchased. (800-527-1914).

3. For an entertaining presentation explaining some of the differences between System 7.0 and Microsoft Windows (for PCs), copy the SMASH folder from the Code 27 AppleShare Server to a hard disk and run the "Double Click" icon.

4. Stay in touch with the departmental focal point who will determine the upgrade schedule for individual branches.

A few weeks ago in the hardware tips, we suggested buying more memory now to make the Mac run faster. Macs LOVE memory because it allows them to keep data and program segments where they can be quickly retrieved, rather than fetching them from the relatively

slower hard drive. In general, the more memory the Mac has, the faster it will run. The sooner the Mac's memory is increased, the happier everyone will be.

Users must use MEMORY fast enough for the speed of their Mac:

Computer	(nanoseconds)	Code
Mac+, Mac SE	150	-15
Mac Classic	120	-12
Mac II, IIx, IIcx, SE/30	120	-12
Mac LC, Mac IIsi	100	-10
Mac IIfx	80	-80
Mac IIfx (special MEMORY)	80	-8C

Fewer nanoseconds means faster memory. If slower memory than required is used, the Mac may have problems. If faster memory is used, that's OK. But it will not make the Mac run faster. What makes the Mac run faster is more memory, not faster memory.

To figure out the speed of any memory on hand, observe the "Code," which is usually toward the lower right portion of the writing on each microchip.

For the technically minded wanting to know more about installing memory modules (SIMMS), the "Bible" is Mac Technical Note #176: Macintosh Memory Configurations, which can be obtained from the "Code 27 Dept. Server Tlr 1410" in the Phase II AppleTalk Zone. The folder path is -- Public: Apple: Tech Notes: TN.151 thru 200: TN.176 Mac Memory.

By Chuck Jones



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Only you can prevent fire

President George Bush has just signed into law a proclamation officially designating Oct. 6-12 as Fire Prevention Week in America. For 1991's theme, President Bush and NFPA are aligned to spread this serious and significant message: *Fire Won't Wait, Plan Your Escape!*

Locally, the Naval Weapons Center Fire Division, in conjunction with the High Desert Fire Prevention Association (Kern County Fire Department, Bureau of Land Management, USDA Forest Service, North American Chemical Corporation Fire Department and the San Bernardino County Fire Agency in Trona) invites area residents to join in the observance of Fire Prevention Week.

The High Desert Fire Prevention Association has made plans for every preschool through fourth grade student to either attend a fire prevention show at the Station Theatre or have fire prevention officers visit their school and classroom.

Sierra Sands Unified School District elementary children

(grades kindergarten through fourth) have been busy preparing a classroom Fire Prevention Week Poster. Approximately 20 awards of \$50 each will be given to the classroom and school winners of the contest during the Fire Prevention Week shows at the Station Theatre.

Throughout Fire Prevention Week, the welcome mat will be out at the NWC Fire Station No. 1, located at the corner of Lauritsen and Inyokern Road. Families and groups are encouraged to visit between the hours of 9 a.m. and 8 p.m. to see the Navy's fire trucks and various types of fire fighting and emergency medical equipment.



According to recent statistics, the very young suffer one of the highest fire death rates of all age

groups. Thirty percent or more of all preschool fire deaths were caused by children themselves, when they played with matches or lighters.

Through the 1991's national campaign, area fire fighters hope to undercut this critical problem by focusing attention on keeping matches and lighters out of children's reach and educating people about important fire prevention behaviors that save lives.

The importance of reaching children during their formative years and teaching them about fire prevention is underscored by the latest estimates on fire related deaths and injuries released by the NFPA. Annually, 6,000 persons die from fire related incidents.

This special week, a time of major fire safety emphasis for every community in the country, dates to 1922, when National Fire Protection Association members urged President Warren G. Harding to sign the first Fire Prevention Week proclamation in memory of the tragic Chicago fire of October 1871.



FIRE DANGER— A Monday night fire on Young Circle caused this damage.



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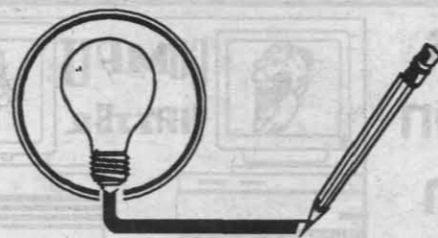
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IDEAS

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Send in your IDEA even if already implemented!

If your IDEA has already been implemented - you can send it in so we can record it and tell other people about it, too. Often some of the best IDEAS are the ones people think up about their own jobs or work areas. These are usually the product of some good practical problem solving and are also usually implemented on the spot. Why not get some credit for your good IDEA and maybe even help someone else out who is struggling with the same problem? Send it in!! We will see that you are recognized for your IDEA and also give it some publicity in this column.

Last week we mentioned in our new IDEAS listing No. 196 submitted by Richard Klabunde and Allen Robins (Code 3915). They had noticed that four different codes were housed in Building 1409. This often caused confusion for visitors and delivery people. So, they suggested that each of the codes have a letter added to the building number to give it a unique address (i.e. Building No. 1409A, 1409B, etc.). Richard Smith and Barbara Thrasher (Code 033) thought that was good IDEA and easy to do too, so they quickly got the new "numbers" installed and key people notified. Richard and Allen were pleased with the results and sent it in to us for recording and to let others know about their IDEA. A tip of the IDEAS hat to all of these folks for a good IDEA quickly implemented and shared with the rest of us.

If you have any question or need any information, we'd be glad to talk with you. You can reach the IDEAS office at NWC ext. 2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS Office"

In the last week these new Ideas were submitted: No. 199, New Labels for Floppy Disks, James Manion, 3913 (James noted a new requirement for all floppy disks to be color coded. He suggests that larger colored classified labels be made to cover the existing labels and a large portion of the disk); No. 200, Convert DISPLA to NASA SMDLIB, Ken Manning, 64112 (Ken suggests that a NASA graphics software be used in place of current commercially purchased software. It's free and has more capabilities); No. 201, Michelson Lab Basement Floor Hazards, Donnie Woods, 051 (Donnie points to some hazardous hardware on the floor of the Wing 5 basement in Michelson Lab.); No. 202, Pump House Operating Temperatures, Jack Tipton, 2691 (Jack suggests a way to lower the operating temperature of the pump house located at the end of the SNORT track).

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Sports

Century ride on Sunday

Attention cyclists! It's time to mark your calendars and start getting your legs, lungs and bikes ready for the High Sierra Cyclists fourth annual *Picnic at the Park* metric century ride from Ridgecrest to Kernville. The fun starts at 7 a.m. on Sept. 29.

This point-to-point ride from Kern Regional Park in Ridgecrest to Riverside Park in Kernville is \$12 for HSC members and \$15 for non-members. There is a \$5 late fee for entries received after Sept. 15.

The High Sierra Cyclists Club will provide support rides in case of injury, bike problems, etc. rest stops, lunch at Kernville and transportation back to Ridgecrest for riders and bikes, as needed.

Additional lunches will also be available for non-riders for \$5 each. Ride t-shirts will be on sale for \$8.

Entry forms may be obtained

at the NWC Gymnasium, T. J. Frisbee Bicycles and many other Kern County bike shops. For additional information, call 375-0325 or 375-4202.



MWR Mini-Triathlon set Nov. 2

Now is the time to register for the Morale, Welfare & Recreation's Mini Triathlon 1991. Set for Nov. 2, the triathlon will include a half-mile swim, 25-mile bicycle race (10K) and a 6.2 mile run.

Three divisions will be featured -- a men's and women's, broken into age groups of 18-29, 30-39, 40-49, 50-59 and 60+; and a team division, for men, women or a combination thereof.

The first heat begins at 8 a.m. Contestants will be placed in a heat based on their expected completion time, with a new heat beginning every half hour

through 11:30 a.m. Heat times can be verified at the NWC Gymnasium two weeks prior to the race.

Entry fees are \$20 per person prior to Oct. 14. Entries received on or after Oct. 14 will cost \$25. Checks should be made payable to MWR-REC and hand delivered to the NWC Gymnasium or mailed to Sports Division, Code 194, MWR Department, NWC China Lake, CA 93555. The gymnasium is open for hand delivered entries from 9 a.m. to 5 p.m., Monday through Friday. Whichever way the entry form is turned in, be sure both sides of

the form have been completed and signed.

T-shirts will be given to all participants and individual awards will be given for first, second and third place in the individual divisions. There will be a first place award for the Team Division. In addition, there will be an award given for the "Best Overall Man" and the "Best Overall Woman."

For further information on the contest, call the Sports Division at NWC ext. 2334.

Interested competitors should register soon. The event is limited to the first 92 entrants this year.

Anglers fish for free this Saturday

Saturday, September 28 marks California's second *free fishing day* of the year, a day when the Department of Fish temporarily suspends the need for anglers to hold valid fishing licenses while fishing -- an infraction of California angling laws that could cost as much as \$600 on almost any

other day.

All open public waterways may be fished and the DFG will not check anglers for state fishing licenses on Saturday only.

However, all other fish and game restrictions -- bag and size limits, fishing hours, equipment type -- apply. On "free fishing

day," game wardens will continue to cite violations of non-licensure nature.

"Free fishing day" anglers are encouraged to pick up a free copy of DFG 1990-91 California sport fishing regulation booklets at sporting goods stores before heading out on Saturday.

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Washington Scene

Hispanic observance highlights cultures

Secretary of the Navy praises a history of brave and admirable service by Hispanic-Americans

Washington (NNS) -- The contributions of Hispanics to the Navy, in the past and today, will be the focus of National Hispanic Heritage Month, ending on Oct. 15. This year's theme is *500 Years of Hispanic Heritage... A Cultural Mosaic*.

"Hispanics play a vital role and contribute significantly to our Nation's rich multicultural heritage," said Secretary of the Navy H. Lawrence Garrett III in ALNAV 087/91, announcing Hispanic Heritage Month.

"Hispanic Americans have served and will continue to serve the United States Navy and Marine Corps in the bravest and most admirable fashion," Garrett cited the 37 Hispanics who have received the Congressional Medal of Honor, the highest per capita rate of any population group.

About six percent of people in the Navy today are Hispanic. Notable Hispanics currently on active duty include four flag officers, four commanding officers of ships and five commanding offi-

cers of shore facilities. The number of Hispanic officers in the Navy has increased from 373 in 1978 to more than 1,700 now. Similarly, the number of Hispanic chief petty officers has increased from 90 to 1,227 in the past three years alone.

"Hispanics are a growing part of the Navy, just as they are in the American population," commented VAdm. Mike Boorda, Chief of Naval Personnel. "And the new sailors and officers entering the Navy now include a good propo-

tion of talented and motivated Hispanic youth."

Boorda said that Hispanics make up 11 percent of those entering the Navy this fiscal year, well above the Navy's goal of nine percent Hispanic recruits.

VAdm. Boorda also noted that the Naval Academy's newest class of midshipmen includes 80 Hispanics, almost seven percent of the total class of future officers.

The Navy's goal is to be "demographically representative

of the country as a whole," Boorda said.

"And we want to offer everyone -- whether minority or majority, male or female -- equal opportunity for professional advancement, rewarding careers and a good quality of life in the Navy."

"We do more than just talk about equal opportunity," added Boorda. "Admiral Kelso has stressed that it is a 'basic core value' for the way we do business in the Navy."



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Wellness Corner



It's China Lake Challenge Time

Following are important dates to know for the upcoming China Lake Challenge. For more information about any of these events, please call the Wellness Program Office at NWC ext. 2468. For those who would rather not participate, for whatever reason, we could sure use additional help. If you would like to volunteer, just call NWC ext. 2468.

- Deadline: Oct. 11 - Softball team rosters due.
- Deadline: Oct. 15 - Swim meet entries due.
- Deadline: Oct. 16 - Tug of War roster due.
- Oct 19 - Softball Tournament, 9 a.m., Knox Fields.
- Deadline: Oct. 21 - Volleyball team roster due.
- Oct 23 - China Lake Challenge Kick Off, 11:30 a.m. to 12:30 p.m., Solar Park.
- Oct 24 - 5K Walk, 11:30 a.m., end of Kitts Road.
- Oct 24 - Swim Meet, 5 p.m., Indoor Pool.
- Oct 26 - Volleyball Tournament, 8:30 a.m., Burroughs Fields.
- Oct 26 - THE CHINA LAKE CHALLENGE, 1 p.m., Burroughs Fields.

Look for the registration form in today's Rocketeer!!!!

SOLE's Wilson honored

At the annual assembly of the Society of Logistics Engineers (SOLE), William (Bill) T. Wilson, outgoing chairman of the SOLE Ridgecrest Hi-Desert Chapter, was elected as a member-at-large of the board of governors for SOLE's Logistics Education Foundation (LEF) for a two-year term which started in August.

Wilson, a logistics management specialist in the Naval Weapons Center's Engineering Department, has more than 30 years experience with the government. He has worked for the

three major services, the Army at Sharp Army Depot, the Air Force at Hill AFB and McClellan AFB and the Navy at the Naval Weapons Center. He developed the five-year master plan for NWC ILS personnel training requirements. Wilson received the Joseph E. Acieri Logistical of the Year Award for 1989, as well as being named as the High-Desert Chapter Logistical of the Year 1989. During his term as chairman, the Hi-Desert Chapter received SOLE's Small Chapter Platinum Award for the excellence of the chapter's activities.

Brown baggers use caution

Food inspector offers tips on not getting sick from packed lunches

by NWC Food Inspector
Sgt. Chuck Dreifelbis
U.S. Army

It's fall again -- time to take care of all the kids and adults going back to school and all the activity that entails.

Packing lunches probably isn't too high on the list of essential back-to-school plans, but with a little forethought, this year those brown-bag lunches can take on new taste appeal without compromising on food safety.

The U.S. Department of Agriculture's Meat and Poultry Hotline has some simple, but important, food handling rules to ensure a safe and nutritious lunch. Here are some ABC's to remember.

A. Perishable foods should never be left out of the refrigerator or packed without a cold source -- such as a freezer gel or ice cubes in a plastic container -- for more than two hours. However, if the outside temperature is more than 85 degrees Fahrenheit, as it often is in the early days of fall, the two-hour rule drops to just one hour.

B. The most important and easiest rule to remember is to keep cold foods cold, and hot foods hot. That means, keep perishable foods out of the "danger

zone," which is the temperature range between 40 and 140 degrees Fahrenheit.

C. For a hot lunch, use a well-insulated thermos that can keep soup, chili or other hot food at a safe temperature for several hours. And check the seal around the stopper to make sure it has a tight fit to retain heat.



Here's a helpful hint: fill the thermos with hot water first and let it stand for a couple of minutes. Then empty the thermos and fill it right away with hot food that has been brought to a boil. Remember, if the food is still hot to the touch, it will be safe to eat.

D. If the menu of the day calls for cold food, be sure to pack a freezer gel that's been in the freezer compartment overnight. Make sure it's in good condition. Never use a gel that leaks.

Pack meat or poultry sandwiches the night before and keep

them refrigerated overnight. If possible, refrigerate the lunch at work or school. Otherwise, the freezer gel is the best way to keep cold foods cold until lunch time.

Sandwiches can be frozen ahead of time, too, using coarse-textured breads that won't get soggy when thawing. But hold the lettuce, tomato and mayonnaise! They don't freeze well. Just pack them to add at lunch time.

And remember that the thermos which keeps hot foods hot, can also be used to keep milk, juices, or other liquids cold until lunch time.

E. Keep the lunch away from direct sunlight or a radiator.

F. Keep all foods clean. That means more than just preparing brown-bag lunches under clean conditions. It also means cleaning hands before eating. Pack some disposable handwipes.

G. Don't save that familiar brown bag for the next day. Throw it out. It may be harboring germs. If a lunch box is used, wash it out every night to keep bacteria from growing. For questions about food safety, call USDA's Meat and Poultry Hotline at 1-800-535-4555. Hotline hours are 10 a.m. to 4 p.m., Eastern Time, weekdays.

China Lake's bats pose no serious danger

Despite the fact a Naval Weapons Center employee has recently had to undergo rabies vaccinations as a result of contact with a bat on-Center, there is no need to panic, say personnel in the Safety Program Office.

Apparently, the NWC employee was exposed to rabies virus when a bat fell, or dropped, from its outside roost and, while falling, struck the individual on the head, shoulder, arm and hand, leaving several small scratches. When on the ground, the bat began to flop about and was captured in a box. Subsequent tests found it to be infected with the rabies virus, so, as a precautionary measure, the employee underwent treatment.

Current rabies vaccinations no longer constitutes the 23 abdominal injections. Medical science has, indeed, advanced and now the injections normally total six and are given in the arm or in another appropriate location and are not usually painful.

Many people on-Center have recently noticed an increase in the number of bats. The reason for this is simple; of the 12 species of bats currently found in our area, eight are migratory. As fall approaches, several species of bats have left Owens Valley for the warmer climates of Arizona or Mexico.

Studies show the incidence of rabies in bats varies from one in 1,000 to one in 200. Even when infected, bats are very unlikely to become aggressive, rather they usually become paralyzed and die quietly. Only 16 people in North America have died from bat-contracted rabies in the last 40 years.

In North America, bats are not the most commonly reported species infected with rabies. Figures from the Centers for Disease Control show that in the last three years, skunks and raccoons accounted for about 70 percent of all reported rabies cases; bats accounted for only about 13.5 percent. That's not to say that 70 percent of all skunks or raccoons, or 13.5 percent of all bats have rabies, since only animals which appear ill are turned in for testing.



BAD REPUTATION -- This Pallid bat was found by Dr. Patricia Brown-Berry, in a pumice mine near the Coso Hot Springs area.

When asked about the most effective method to reduce the number of people exposed to rabies, Dr. Pat Brown-Berry, director of the Maturango Museum and a renowned expert on bats states, "The routine vaccination of pet cats and dogs. In particular, the vaccination of household cats." While most cities

require dogs to receive rabies vaccinations in conjunction with the issuance of a license, very few cities require the licensing of cats, resulting in fewer cats receiving the proper shots.

Despite the naturally low incidence of rabies in bats, only trained professionals (who have received the appropriate immunizations against the disease) should handle these animals. Bats are wild animals and should be respected and treated accordingly. Dr. Brown-Berry also noted bats are a very important part of the eco-system.

According to Safety Program Office personnel, if an NWC employee should find a bat or bats outside an office or building, leave it alone!

If a bat is found inside a house, the best policy is to open doors and any windows without screens, allowing the bat a chance to leave once it becomes dark out.

Regardless, there is no need to panic. Contrary to popular opinion, bats do not attack people! To understand the underlying reason for the common misconception of bats swooping down at people's heads, just imagine the bat as a pilot of a small airplane. It crosses the room, having to make a u-turn every time it comes to a corner. When it makes the turn, it must virtually stop, causing a stall; and, as any pilot knows, it must quickly swoop downward to regain flight speed and control.

The bottom of the swoop occurs near the middle of the room, where observers are most likely to be standing. This, of course, gives the false impression the bat is attacking. Given most

people's preconceived ideas of bats as vicious, they run before discovering the bat would have steered around them, if they had just stood still.

Beverly Kohfield, a member of the Center's Environmental Project Office (Code 008), mentioned a recent incident where a young bat entered her home, entertained the family dog for a while and once it found the open

front door, flew away.

If, by chance, someone should happen to find a bat has set up temporary lodging in an office space, or if someone should find a dead bat, it's a good idea to seek assistance. Contact a biologist in the Center's Environment Project Office, NWC ext. 2864, or try the Kern County Animal Control at 375-3346, or after hours, 371-3711. by Safety Program Office

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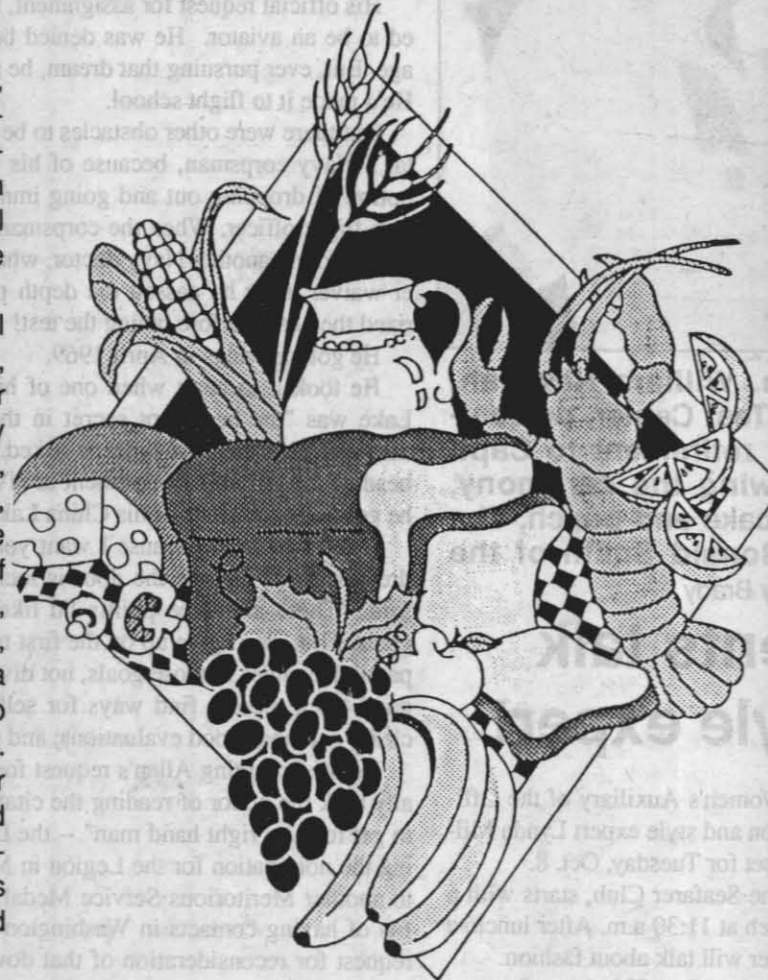
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MWR

Seafarer brings back brunch!

By popular demand, starting Oct. 6, the Seafarer Club is once again offering Sunday brunch. From 10 a.m. to 1 p.m., enjoy all you can eat and start the week off right!

Waffles hot off the grill topped with fresh fruit, moist scrambled eggs or eggs cooked just the way you like them, bacon, home fries, fried chicken, biscuits and gravy, rice pilaf, a special entree of roast beef, ham or turkey, fresh fruit, coffee, juices, milk, assorted cereal and a variety of muffins can tip almost anybody's appetite. Add a low cost of \$5.95 for adults (age 12 years old and older) and \$3 for children (age 4 to 11 years old) for all you can eat, and you have a super deal!



MWR activities set next month

Football season is underway and the O'Club Barefoot Bar is getting into the football spirit! Enjoy Monday Nite Football at the O'Club Barefoot Bar each Monday at 6 p.m. Take part in the Armchair Quarterback contest and become eligible for numerous prizes throughout the night.

Have you ever dreamed of cruising the Caribbean, Hawaii or the Bahamas, but feel you couldn't afford it? Sato Leisure Travel at the Naval Weapons Center is offering a variety of dream vacations at super low prices.

Military personnel can even save more! Take advantage of Sato Travel's 3, 4, 7 and even 14-night cruises to the best of the Bahamas and the Caribbean. Fares start at an unbelievable price of only \$155. Rates only apply to sailings from now through Feb. 9. Take advantage of Sato Travel's appreciation to the military!

Ridgecrest's Desert Empire Fair is right around the corner, Oct. 16-20. Tickets, available at the Craftech Center, will be on sale starting Monday, Sept. 16. The cost is only \$10 for a book of 25 tickets.

On Sept. 30, there will be a China Lake Mini-Triathlon organizational meeting in the MWR Conference Room in Building 21. Ideas are needed from all who attend to make this event a great success. Call Michelle Martin, NWC Gym manager, at NWC ext. 6542.

Attention military personnel! The celebration isn't over, yet! The wettest fun in San Dimas offers Desert Storm Days for active duty members October 19 and 20. Desert Storm Days means *free* admission to Raging Waters. Show your military I.D. at the Raging Waters Main Gate ticket booth. Family and guests may purchase discount tickets at the Naval Weapons Center's Craftech Center. Only \$10 for adults and \$8.45 for children. Regular cost is \$15.95 and \$8.95. Discount tickets are not available at Raging Waters, only at Craftech!

Golfers enjoy special events, great conditions during October

October is usually a great month for golf at the Naval Weapons Center. The hot days of summer have faded, leaving cool mornings and sunny afternoons, just right for a great round of golf.

In addition to daily golfing opportunities, the China Lake Golf Course has some special events happening next month.

On Saturday, Oct. 5, the Ace of the Month competition is scheduled.

The China Lake Golf Club's Women's Championship tournament will dominate the course on Oct. 12 and 13.

October's final special event is the Robinson Tournament, open to both men and women on Oct. 19 and 20.

In addition, golfers and non-golfers alike can take advantage of the Golf Snack Bar's TGIF celebrations weekly. Anyone stopping by from 4 to 7 p.m. any Friday will find out just what TGIF is like at the golf course.

Finally, the China Lake Golf Course staff is currently offering a membership

referral discount. Any paid member who recruits a new member will receive a 10 percent discount off his original membership dues.

Discount rebates will be paid the recruiting member once the new member has paid membership dues. For information, call the pro shop at NWC ext. 2990.

JTPA graduates 28 students at summer's end

Twenty-eight students were honored recently for their hard work while participating in the Job Training Partnership Act (JTPA) Summer Youth Employment Program at the Naval Weapons Center.

"We couldn't have the successful program we have if it weren't

for the support shown by the people at the Naval Weapons Center," said Richard Froehlich, Kern County's JTPA administrator.

Thirteen years ago, personnel came aboard the Naval Weapons Center, asking for a chance to give students (age 17 to 21 years of age) from low income families

in Kern County work experience, which could help motivate them into continuing their education,

Fuller explained. "These fine folks took a chance on us. We came here as unknowns, and while we knew we could do a good job, bringing bright students willing to perform, they didn't know that but were still willing to take a chance on us."

While Kern County has a

number of job openings, Fuller stressed the program wasn't designed so students could do menial jobs. "Our objectives are to provide a unique experience to individuals who possess skills above the normal cut, for students who plan to go to college. This opportunity is fostered and enhanced by the NWC Equal Opportunity Office. The program couldn't be a success without support from Ricky Parks and Catherine Rogers."

Students who received special recognition during the graduation ceremonies were Carlos Garcia and Mary Anne Durazo, who were recognized as the most outstanding participants; Carlos Flores and Carolina Hernandez, who were the most inspirational; and Ron Davis and Lupe Gutierrez, who had the most success on the job. Good housekeeping awards went to Leslie Shaw, Robert Vaughn, Diana Gutierrez and Lupe Gutierrez.

"All the students participating in this program are the *creme de la creme*," said Parks. "They show the most promise of continuing their education. For that matter, many of them have already been accepted into colleges."

Install an Artecon drive easily

This article is a follow-up to a recent article (Sept. 12 issue of the *Rocketeer*) which described how to install Artecon drives on a HP400. The following are the steps needed for installing the Maxtor 8760 disk drives from NWC Contract N60530-90-D-0026 drive on the Silicon Graphics workstations. NOTE: All Artecon disks are internally terminated, do not use external termination; the device is intelligent enough to detect a daisy chain configuration.

To begin with, two nodes must be made in the /dev directory. Do this by the proper use of the mknode command.

1. Create the block device.
x mknode /dev/dsk/<devname>; when <devname> has the format dksXdY and dY equals disk, sX equals controller, dX equals SCSI address and sY equals disk partition; e.g., #mknode /dev/dsk/dks0d3s7
2. Create the raw device.
mknode /dev/rdsk/<devname>; e.g., #mknode /dev/rdsk/dks0d3s7
3. Create the block device link.
ln /dev/dsk/dks0d3s7 /dev/<devfile>; e.g., #ln /dev/dsk/dks0d3s7 /dev/mydisk
4. Create the raw device link.
ln /dev/rdsk/dks0d3s7 /dev/<devfile>; e.g., #ln /dev/rdsk/dks0d3s7 /dev/mydisk
5. Now you are ready to format and test the new disk. At the

prompt, type "fx-x". This will access the Silicon Graphics disk utility program. It will ask for the type of device and disk number. Enter the disk number and the menu will come up. Choose menu item "6) auto" by typing in 6. The program will ask for a serial number, just hit RETURN. When it asks you to format the disk, type "yes" (all data will be erased). In about an hour, the disk will be formatted and tested. No errors should be on the screen at the end of this program.

6. You are now ready to mount the disk. Make a suitable mount point off the root directory by typing:

#mkdir /<diskname>; where: <diskname> is the name of the directory you want the disk's root directory to start; e.g., #mkdir /mydisk

7. Now you should be able to mount the disk by typing
#etc/mount -t efs -o bg,rw,soft /dev/<devfile> /<diskname>; e.g., .etc.mount -t efs -o bg,rw,soft /dev/mydisk /mydisk

8. Everything should be ready to go. If this disk is to be started at boot time, change directory to /etc and edit the fstab file. The entry should look like this

/dev/<devfile> /<diskname> efs rw,raw=/dev/r<devfile>00; e.g., /dev/mydisk /mydisk efs rw,raw=/dev/mydisk 00

This article is available via anonymous ftp from the VisLab's Sparcstation. Ftp to sparc2cad.nwc.navy.mil (129.131.31.12) and retrieve the file/pub/technotes/Artecon_SG_install. Questions, please call the VisLab at NWC ext. 2078, 3257.

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VisLab opens new horizons for data analysis work

(Continued from Page 1)

The visualization allowed the scientists to go back and tweak their parameters until they got the desired result...all before even a demo version of the motor was built.

Staff uses China Lakers to 'try it before buy it.'

Located in Room 208C in the computer wing of Michelson Laboratory, the VisLab is not intended to be a production facility. Rather it's intended to be a sort of demonstration facility and clearing house for the rapidly advancing field of scientific visualization technologies. Users apply these technologies to convert scientific data into animated graphic representations, off-loading them to videotape.

The staff encourages Center employees to come in and learn about these technologies and actually get hands-on experience using workstations from a variety of vendors. The philosophy is "try it before you buy it."

"Instead of just going to vendors' shows and being dazzled by their slick demonstration files, NWC employees can come in here, sit down with their own data and see which system works best for them," Lowry, who specializes in photo-realistic graphics, told the *Rocketeer*. "And you can't beat the cost, it's free to all employees."

The VisLab contains a mixture of both permanent and loaned

desktop hardware and an ample library of NWC-owned software. Owned workstations currently include the Hewlett-Packard 400S Turbo/VRX, Computervision Sun 3/260, Macintosh II (with A/UX), two Sun SPARCstation 2s, Silicon Graphics Personal Iris and NeXT. A variety of loaned systems are also on hand.

Other VisLab resources

grated to work together and is interfaced to the Scientific Computing Facility, which houses the Cray, Convex, Alliant and DEC computers, next door to the VisLab. Integration issues are the domain of Ron Backman. In addition to maintenance of this complex integration within the VisLab and with other facilities, Backman and others work with NWC employees on their integra-

attempting to reach solutions to an array of interface problems. The VisLab's problem-solving services are not limited to just major systems integrations, but span the gamut of computing sophistication levels.

Backman said, "One of our goals for scientific visualization is for the users to become intuitive in their science. By acquiring one of these systems and

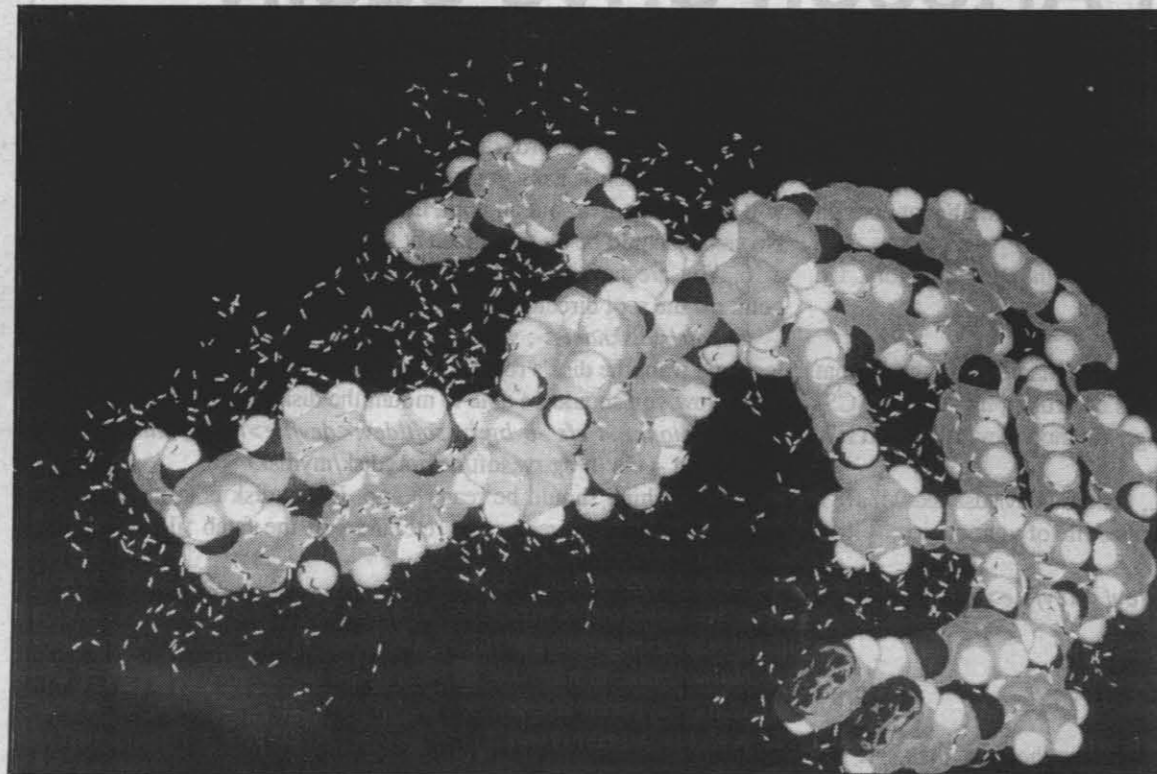
efforts. "Nancy Iwamoto, a chemist in Code 3858, worked in the VisLab for about six months before getting her own system. Now, instead of working just with test tubes and other lab equipment, she gives life to molecular models on the computer and attempts to predict new properties before running the actual experiments."

New publication explains VisLab's capabilities.

There is far more to the capabilities of the VisLab and the significant role it can play in the weapons development arena than can be explained in a short news article. The VisLab is about to release a 30-page publication explaining these capabilities in detail.

The publication details such things as the means for transforming your results into impressive presentations using voice/video/data integration, communication between the VisLab and the Video Teleconferencing Center, video interfaces for the Macintosh and other workstations and multimedia database applications. It explains how employees will be able to explore different forms of computer input and output, such as voice control.

To schedule a demonstration or to get a copy of their new handbook, telling all you want to know and more, about the potential, call the VisLab at NWC ext. 2078 or 3257.



VISLAB--This image was taken from a VisLab computer display.

include a video scan converter, videotape controller, thick-to-thin wire Ethernet repeater, GatorBox Appletalk Router, 8-mm tape drive and an optical jukebox.

All of this hardware is inte-

tion problems, helping to iron them out before money is spent on peripherals that may turn out to be insufficient. They keep up on evolving systems standards and work directly with vendors in

applying the process to their data, we hope that after a time they will be able to look at a pile of data -- before even entering it into the system and know intuitively the likely outcome of their

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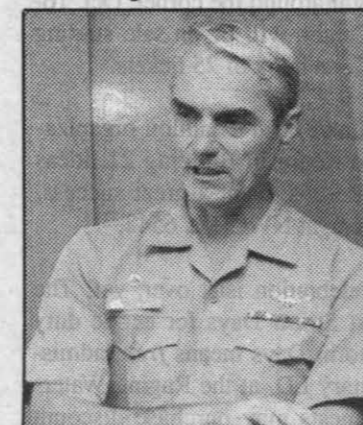
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Kellett departs VX-5 today

(Continued from Page 3)

Captain Kellett has accumulated more than 4,600 tactical flight hours and nearly 900 carrier arrestments with deployments to the Mediterranean, Indian Ocean, North Arabian Sea, Persian Gulf, Caribbean, North and Western Pacific Oceans. His awards include the Meritorious Service Medal, three Air Medals (26 Strike/Flight), two Navy Commendation Medals, Joint Achievement Medal, Navy Achievement Medal, Combat Action Ribbon, Vietnamese Cross of Gallantry and various unit citations and campaign ribbons. He was designated a weapon system acquisition manager in 1978.



Capt. Ray Kellett

He is married to the former Jeannette Dumont of Sanford, m.a. The Kelletts have three children, Todd, a second lieutenant in the U.S. Air Force; Lori, enrolled at Cerro Coso Community College in Ridgecrest; and Amy, a junior at Burroughs High School in Ridgecrest. He noted Lori to graduate from the University of Hawaii and Amy will finish high school during this tour. And, Kellett expects his wife will enjoy the Hawaii golf courses.

The world has changed a great deal since Ray Kellett took command of the Vampires from Eric Vanderpool in 1989. But VX-5's task to give weapons and tactics that work to the U.S. Navy hasn't changed, it has just become more important to a nation at peace.



RETIREMENT TIME--RAdm. William Newman, Commander, Pacific Missile Test Center, presented the formal certificate of retirement to Capt. Gene Allen. RAdm. Following the ceremony, sailors and guests enjoyed cake and punch. The cake was baked by MS2 Ronald Smith of the NWC Galley Photo by PH3 Cary Brady

WACOM presents talk by fashion, style expert

Just in time for the fall season, the Women's Auxiliary of the Officers' Mess (WACOM) will present fashion and style expert Lynda Milner during their next luncheon meeting, set for Tuesday, Oct. 8.

The meeting, which will be held at the Seafarer Club, starts with a social period at 11 a.m., followed by lunch at 11:30 a.m. After lunch, a brief meeting will be held and then Milner will talk about fashion.

Milner has modeled professionally in more than 500 shows for over 50 stores in California. She has done a variety of print work for newspapers and magazines and was a makeup artist for such companies as Borghese, Helena Rubenstein, Fernan Aubrey and Chanel. She presently conducts seminars on cruise ships. For reservations, call Eleanor Rockdale at 446-6925 or Mary Martin at 375-4052.

Telephone branch provides key to pager use here

Personnel from the Telephone Service Branch have noted Naval Weapons Center personnel have been experiencing problems when using their Tracker pagers on-Center. The instructions with the Tracker pager work fine in Ridgecrest; however, they do not work well on the Center's converted analog system, noted Dorothy Jenkins, the Telephone Service Branch secretary.

The Telephone Service Branch met with Contel personnel and brainstormed possible solutions:

To send a page, use a touch-tone phone and dial an outside line; after the outside line is

accessed, dial 243-PAGE; after the tone, press the "*" key and hang up.

To receive a page, the receiver must be in the covered area and the pager must be on. Page holders will be alerted of a page by a "beeping," a flashing light, a message indicating "1-PAGE," or all

three. To view the message, push the "white arrow" (on top of the pager), next to the display screen.

"We tested this method on-Center and it works," said Jenkins. "However, if holders of Tracker pagers still have problems, call the Telephone Service Branch at NWC ext. 3451.

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