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Nov. 14, 1991
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WEATHER

	Max	Min	Peak Gusts
Weds.	88	42	6
Thurs.	58	43	8
Fri.	86	51	13
Sat.	84	48	20
Sun.	37	56	16
Mon.	80	50	14
Tues.	80	35	10

Joe Cardani talks to IEEE on laser radar systems

Joe Cardani, a physicist in the Naval Weapons Center's Laser Systems Branch, will talk about Laser Radar at the meeting of the Institute of Electrical and Electronics Engineers, Inc. (IEEE). The luncheon is set for 11:30 a.m. at the Texas Cattle Company on Tuesday, Nov. 19.

During the last decade, the emphasis on laser systems has changed from simple solid-state rangefinders and designators to complicated imaging systems and special-purpose rangefinders using gas and diode-pumped laser-transmitters to exceptionally complex lasers from the UV to the far IR. As interesting as the sources are, though, the breadth of applications for laser radar is equally a function of signal processing and the basic physics of the interactions of light and matter at laser wavelengths.

Cardani worked in Code 3151 for 12 years and is now acting branch head. For information, call NWC ext. 6445.

Wood sale offers recycled lumber at bargain prices

Because of difficulties with the announcement of the October Wood Sale, it has been rescheduled for Friday and Saturday, Nov. 15-16. Friday hours will be from 8 a.m. to 4 p.m., while Saturday hours will be from 8 a.m. to 12 noon.

This sale will be held at the recycling facility off of Iwo Jima Road. To get to the sale, pass through the Lauritsen Gate to the airfield, turn left on Iwo Jima and watch for the sign.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 45, November 14, 1991

SID support of technical community

Learning to do more with less

by Steve Boster, Rocketeer Editor

Doing more, doing it better and doing it with less is a key focus of the Services and Information Directorate (SID) proposed for five important command-wide support functions when the proposed Naval Air Warfare Center - Weapons Division (NAWC-WPNS) stands up in January 1992. Dillard Bullard, prospective head of the directorate, said the functions; comptroller, procurement, human resources, information systems and technical information will be managed to support activities at all four NAWC-WPNS sites, including China Lake. "There is no reason to have more than one comptroller or one procurement officer in the command," added Bullard.

In addition to Bullard, four other China Lakers have been designated lead members of the SID transition team, responsible for planning transition to the NAWC-WPNS. Two China Lakers were designated as associates in

the transition organization.

Steve Sanders is the prospective head of the division's Technical Information Department, while Neil McCarthy of Pt. Mugu is the associate. Bill Ball was designated prospective head of the Information Systems Department, with Pt. Mugu's Dick Turlington as the associate. In the Procurement Department of the NAWC-WPNS, Cdr. Cedric Knight is the prospective head; with Karen Windler of Pt. Mugu, as associate. Tom Archibald of Pt. Mugu is the prospective head of the Comptroller Department, with China Lake's Jerry Macy in the associate's billet. Eva Bien of China Lake was identified as prospective head of the Human Resources Department, with her office at Pt. Mugu. Don Shibley of China Lake was selected as the associate. Dave Banks of Pt. Mugu is the prospective associate head of the SID.

Since a study identified the five functional

areas as being command-wide, people-oriented and easily automated, representatives from China Lake and Pt. Mugu have worked developing plans for this transitional organization. With the prospective department heads now designated, the focus turns more to creating and implementing more efficient business management systems. "The challenge is to integrate business processes across the four sites to be more efficient," commented Bullard.

Bullard added, "We can save money and be more efficient with the SID. The goal is to maintain or improve the level of service in these areas even as we lose personnel. I expect the average employee to see very little difference, the quality of service will be as good or better and the organization changes of the SID will be invisible to most people."

(Continued on Page 9)



NOVICES AND PROS
Members of the Naval Weapons Center's Auxiliary Security Force were on hand to help members of the Navy League Sea Cadets and Ridgecrest Police Explorers learn safe weapon handling in familiarization training conducted Oct. 26 at the Center's rifle range. See complete story on Page 8.

Photos by PH3 Cary Brady

NWC's energy efficiency efforts saluted

Energy efficiency at the Naval Weapons Center resulting from development of the Coso Geothermal Power Facility brought another reward to China Lake last month. Capt. Randy Williams, NWC public works officer, and Dr. Frank Monastero, head of the Geothermal Program Office in the Public Works Department, accepted a Federal Energy Efficiency Award, on behalf of the Center Commander, from the Assistant Secretary of Energy, J. Michael Davis. Adm. James D. Watkins, USN (Ret.), the secretary of energy, gave the keynote address to attendees.

Monastero and Capt. Randy Williams, pub-

lic works officer, later presented the award to NWC Commander, Capt. Douglas W. Cook at a Commander's Meeting.

The awards, part of National Energy Awareness Month, were given to 10 individuals and 20 organizations or installations. In a letter to recipients of the awards, President George Bush said, "... my April, 1991 Executive Order of Federal Energy Management emphasize[s] the importance this administration places on sound energy policies and practices. By adhering to these principles and by applying your own sense of ingenuity and leadership, you have helped to increase the

energy efficiency of government facilities and operations."

The 10 individuals and 20 groups saluted resulted from 108 nominations which were received, reviewed and evaluated by the U.S. Department of Energy. The awards were based on work during the 1990 fiscal year.

NWC's development of the geothermal resource were described in the awards program. It was noted that a major technical innovation at Coso was the injection of non-condensable gases and used geothermal fluids back into the reservoir, which essentially reduces gas and fluid emissions to zero.

Commentary

NWC Rocketeer

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Pages from the Past



November 14, 1986

NWC once again won a pedestrian safety award from the American Automobile Association. . . Brig. Gen. Donald E.P. Miller, USMC, was the guest speaker at the Marine Corps Ball last weekend. . . Former China Lake Laker LCdr. Deen Poe became the first Navy lieutenant commander to record 1,000 carrier traps in an A-6E Intruder. . . Harry Parode, USN (Ret.), was the speaker at this year's Veteran's Day observance. . . China Lakers are heading toward a record amount of giving in the 1986 CFC drive.

November 13, 1981

Plans were announced for a huge solar energy plant near Ridgecrest with 825-foot-tall towers. . . J.E. Crum, H.B. Mathes, Frank Wu, Alex Shlanta and Robert Corzine were recognized by the Navy Material Command for their papers at a recent science and engineering symposium. . . The Personnel Department's Don Summer was chosen by the Rotary Club for an international exchange program. . . NWC's varsity basketball team lost another game, this one to the Army at Ft. Irwin. . . Money from energy conservation will be used to upgrade Center recreation

November 11, 1966

facilities. Ivar Highberg, James Heflin, Jack Crawford and William Haseltine won the 1966 L.T. E. Thompson Awards for significant contributions. . . James Mitchell Jr. presented a weapons development paper at the Harry Diamond Lab in Washington, D.C. . . Louis Sidney, a quarterman plumber in Public Works, received a PRIDE Award. . . Members of the Los Angeles Jonathan Camera Club toured NOTS for two days last week. . . Jay Chapman became the first district scout executive to live in Ridgecrest, with offices on board NOTS.

November 14, 1951

Former technical director Dr. L.T.E. Thompson was guest of honor at party in Michelson Lab recently. . . School officials are suggesting a unified school district for the Indian Wells Valley. . . Kenneth Wescott was the featured speaker at the annual Dad's Day lunch. . . James Nielson was elected head of the administration by the Rotary Club for an international exchange program. . . R.W. Johnson of the Test Department wrote an article about the difficulty of television reception in the valley. . . Members of the U.S.-Canada Defense Board were visiting NOTS this week.

China Lake Calendar

Friday, Nov. 15

. . . AIAA dinner meeting, 7 p.m., Farris' at the Heritage, Lee Jagiello, guest speaker.
. . . Wood sale at recycling center off Iwo Jima Road, 8 a.m.

Saturday, Nov. 16

. . . Wood sale at recycling center off Iwo Jima Road, 8 a.m.

Tuesday, Nov. 19

. . . IEEE luncheon meeting, 11:30 a.m. at Texas Cattle Co., Joe Cardani is the guest speaker.

Wednesday, Nov. 20

. . . SOLE luncheon meeting, The Hideaway, 11:30 a.m., Roger Dorman, guest speaker.

Thursday, Nov. 21

. . . JP/Co-Op Luncheon, 12:00, Seafarer Club.

Monday, Dec. 2

. . . Holiday Traffic Safety Seminar, 10 a.m. and 1 p.m., Station Theatre.

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.

TQL: Six important steps toward becoming a 'quality' supervisor

(EDITOR'S NOTE: The following article is reprinted from the Naval Air Systems Command's Golden Wings.)

Many of us are learning that in order for us to become a quality organization, we must relearn how to manage and be leaders of people. Managers at all levels within the organization must be held accountable for those things which are under their control.

There are six management actions which every supervisor, manager or leader must perform in order to earn the right to be called a quality manager:

1. Provide positive reinforcement for people. This includes finding them doing something right and recognizing them for it (preferably in front of their peers).
2. Ask them how you can help them. Don't assume people will come to you when they need help. They may be intimidated or they simply may not know they need the help.
3. Get their input before you make final decisions. When people are not involved, they lose interest and will not be committed.

4. Provide timely feedback. Keep people informed of what is going on. Respond quickly to people, even on tough issues.
5. Don't overmanage or undermanage. Micro-management is wasteful and destructive since the micro-manager gets lost in the details, while his people are robbed of pride in their work. Under-managers do not provide guidance and direction, usually because they don't understand the job or process and can't help their people.
6. Respect people. Treat them as if they were the most precious

asset the organization has. Deal with problem employees as special cases but never demean anyone. If each person is treated as a VIP, the self-fulfilling prophecy will be realized.

These are within the control of each and every manager. They are actions which can be done now and every day from now on. They are critical factors which should be used to evaluate the effectiveness of managers. Those who perform them should be recognized and rewarded. Those who don't should be held accountable.

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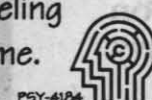
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YARD SALE - Fri 18th thru Sun 20th, 8am-3pm. 443 Hubbard Circle (on base). Household goods, baby items, furn.

GARAGE SALE - Furniture, baby and children's items. TV and much more. Sat 16th only, 9am-2pm. 1414 Ticonderoga (on base).

GARAGE SALE - Nov 16th & 17th, 8am-5pm. 416 Hubbard Circle (NWC). Platform bed w/six drawers, six person raft, baby items, clothes and books.

MOVING OVERSEAS - House contents sale. Everything must go. Too good to miss. Full house of furniture for sale, bargain prices, contents include: Full size bed \$125. Twin beds \$110. Dressers + night stands \$125 per set. Dining table + 8 chairs \$500. Hutch \$250. China unit \$250. Coffee + 2 end tables \$120. 3 seater sofa \$200. Love seat \$200. 2 recliners \$110/ea. Rocking chair \$75. Stereo unit \$90. Lawn mower \$95. Vacuum cleaner \$40. Microwave \$50. Redwood garden furniture, various lamps, small electrical goods, prices on request. Interested callers only. Eves/wkends 446-6103.

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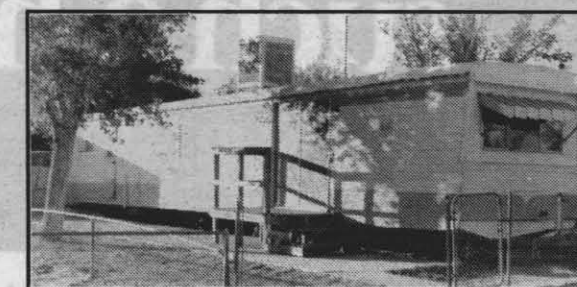
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Tomahawk model took real teamwork

Machine shop, public works and Code 36 join forces to complete cruise missile exhibit

by Barry McDonald, Rocketeer Staff Writer

One of the most striking displays at the new Command Weapons Exhibit and Conference Center is the full-size model of a Navy Tomahawk cruise missile.

Behind the display is a story of teamwork by several groups on Center.

Capt. Douglas W. Cook, Naval Weapons Center Commander, got the ball rolling. He wanted a Tomahawk in the exhibit center, so Alan Alpers, protocol officer, started looking for a missile they could use.

Alpers, Ken Dorrell, and Jerry Lloyd, exhibit center curator, found some dummy mockups, in various conditions, behind the Michelson Laboratory machine shop and picked the best of the lot -- a hollow core Air Force version test shape, filled with 1,300 pounds of lead ballast.

Then, in late September, the machine shop went to work. Don King, Tim Dawson, Floyd Shoaf, Jim Payne, and Vern Daley modified the shell to look like the Navy's version. They removed the lead, "which was a major job in itself," said job planner Frank Goerlich.

Then they reworked the tail fins into the in-flight position and added a set of Navy wings and an air scoop they procured from Al Jackson of the Code 36 Environmental Engineering Branch. This essentially involved body work. They had to make holes in the skin to install the wings and used fiberglass bonding putty to mold the scoop in the proper position on the underside of the airframe. The effort took about ten days.

The model was then turned over to Ezekiel "Zeke" Caldwell at the main paint shop in Public Works. Caldwell, whose responsibility it was to finish and paint the model, had already done the paint detailing for the HARM and Phoenix displays at the exhibit center. But for those he had specifications as to exactly where the blue "inert" bands, stenciling, and other markings were to go.

For the Tomahawk, he had a 12-inch model, one and a half inches in diameter, from which he recreated the familiar red-white-and-blue markings on the 20-foot long, 24-inch diameter Tomahawk. When he got it he had to strip off the original Air Force decals, fill holes with "bondo," prepare the surface, and hand mask the huge model.

It took him about ten days, including some late nights and one weekend to complete the job in time for the Saturday opening of the exhibit center.

Center implements new procedures at the DDF

Beginning Dec. 3, the Document Destruct Facility (DDF) will be operating under new procedures. Budget and environmental constraints mandate the following changes.

1. Operational times will be Tuesdays and Thursdays from 7:30 a.m. to 4:30 p.m. Appointments are mandatory and may be made by calling NWC ext. 3132.

2. Burning of non-paper products (i.e., computer software or hard disks, plastic tapes, VCR tapes, typewriter ribbons, etc.) is restricted. These products must be broken out of their hard coverings and the classified portion must be removed and only that portion must be brought to DDF. DDF will not accept the outer coverings.

3. Boxes containing classified paper must not be larger than a xerox paper box or weigh more than 40 pounds. One person must be able to lift it safely.

4. All binders, books, manuals, regulations, etc., must be broken apart. All large, heavy staples, paper clips, brads and hard covers must be removed.

5. Finally, remember the paper recycling center. For more information on what is recyclable and what isn't, call NWC ext. 3432.

For further information, contact Lt. Larry Brunson, CLPD, at NWC ext. 2947 or Judy Baron, NWC ext. 2412.



WAR PAINT-- Zeke Caldwell poses with gleaming example of his painting talents. Working in the main paint shop, Caldwell prepared two other inert missiles for the new Command Weapons Exhibit Center. Photo by PH3 Brady

CFC #1613 Ridgecrest Housing Corp.

It has come to my attention that a life saving system called "Are You Okay?" has been offered in Ridgecrest. Older people living alone will be able to keep their dignity and independence a little longer. The service is free to subscribers.

This is a coordinated computerized system which makes routine telephone calls at the same time daily. Most of the systems are operated by the local police or fire department.

I am personally aware of four local cases, one as recently as last week where they had become ill and helpless but because no one was alerted they expired alone, frightened, in a panic, lying in their own excretion for several days before they were found in this traumatic situation!

With this system in place perhaps their lives would have been saved; at the least they would have been aware that some one cared. "The Are You Okay? system is capable of making up to 150 calls per hour without human intervention and can typically service 200 to 300 subscribers."

"For those service groups who have the hardware, the software alone costs only up to \$3,500.00, plus the cost of travel for an installation person to come."

Any civic group or organization moved by this appeal may call Carey Lehnies or Linda Howe (work no. 371-3729 • evening 375-5245) for details. They need your support in order to obtain financing.

By designating to #1613 (Ridgecrest Housing Corporation) on your contribution to the Combined Federal Campaign, your voice can be heard locally. Others may call Carey or Linda Howe for instructions on how you may make direct contributions.

The Seven person Board of Directors of R.V. Discretionary Fund unanimously agree collectively and individually feel this is a necessary system and should be put into operation as soon as possible.

Kathleen Armstrong, Francine and Stephen Werstad, Duane Larimer, Ramona Bernard, Ester O'Neill-Harden, and Rose Varga.

Thank You For Your Support!

Military News

Capt. Gene Allen gets his medal

Fifty-five minutes before commencement of retirement ceremonies, Sept. 20, for Naval Weapons Center (NWC) Chief Staff Officer, Capt. Gene Allen, approval was received for presenting him with the Legion of Merit.

Last week, the medal and certificate were officially presented to Capt. Allen in a small ceremony in the NWC Commander's Office.

"This is after the fact," said Capt. Douglas W. Cook. "We made the announcement at the retirement, but we wanted to present this directly -- to make it more personal than just sending it in the mail."

While the citation was read at the ceremony, space did not allow reporting the details of the many citations read that morning.

The citation, by Secretary of the Navy H. Lawrence Garrett, III, for President George Bush, lauds Capt. Allen for "exceptionally meritorious conduct" in service as NWC's Deputy Test and Evaluation Director and Chief Staff Officer from March 1986 to July 1991. His "vision, wisdom and superb management skills resulted in significant and lasting contributions" to the Center and the Navy.

As chairman of the General Safety Policy Board, Capt. Allen introduced Total Quality Management measures for

safety education and accident prevention. His guidance was instrumental in NWC's unparalleled flight safety record, acknowledged by receipt of the Chief of Naval Operations Aviation Safety Award for fiscal years 1986 and 1988.

Capt. Allen was further commended as Chief Staff Officer for bringing a stronger focus on the military through increased publicity of military events and for improving quality of life for both military and civilian personnel through overseeing structural improvement to Center facilities.

Capt. Allen is still not officially out of the Navy, due to being on medical hold. "Sometimes it takes more to get out than it does to get in," Capt. Cook quipped after presenting the medal. But Allen said he understands why the Navy goes through the very thorough methodical process in such cases, and he has no hard feelings over it. He says he has finally been given the word that he can get out, and the process should be completed in four to six weeks.

While he hasn't been fishing yet, he has spent some of this time in official limbo on the golf course and still plans to enjoy Christmas with his children in Florida.



FROM THE PRESIDENT--NWC Commander, Capt. Douglas W. Cook congratulates Capt. Gene Allen, former chief staff officer, on receipt of the Legion of Merit, which was approved the day of Allen's retirement ceremony.

Environmental law a welcome challenge for Hatley

By Barry McDonald
Rocketeer Staff Writer

"Environmental law wasn't offered when I was going to law school," said new Naval Weapons Center (NWC) Staff Judge Advocate (SJA), Lt. Rodney James Hatley. "I'm looking forward to the challenge. I know environmental issues are a priority for Capt. Cook [NWC Commander], and with the level of effort that will be involved, I'll get the opportunity to participate."

In fact, when he was asked to take the position here, Lt. Hatley was told he could expect to become involved in the environmental law effort. Since being assigned to China Lake, he has attended a number of seminars on the subject and, this week, is in Norfolk, Va., attending the Navy's environmental law course.

A native of Memphis, Tenn., and son of a career Navy man, Hatley had mental visions of becoming a fighter pilot in high school before his physical vision began to fail him. While his eyesight was easily corrected with contact lenses, it was still bad enough that he couldn't fly for the military. So the military wasn't a real ambition

for him until after he graduated from Memphis' Rhodes College and the University of Memphis Law School. He'd heard good things from classmates about the Naval Legal Service Command and wanted to get into the courtroom as soon as possible. "I could have joined a firm and made more money, but who wants to have a degree in law and spend four or five years in a law library working on someone else's cases?" he asked. "I wanted to get some practical courtroom experience."

And he got it quickly.

After officer indoctrination school and graduating from Naval Justice School in May of 1989, he was appointed to the Naval Legal Service Office (NLSO) at Treasure Island in San Francisco and

was trying his first case in June.

After 14 months at Treasure Island, he was made officer in charge of the NLSO tenant command at Moffett Field Naval Air Station.

He said working with those who were being called up for Desert Storm was a rewarding experience. "Moffett processed a lot of people who were being mobilized, and they needed to take care of a lot of legal business before they went. Working

directly with the troops, I saw a lot of people who rely on the JAG for help, and I enjoyed being able to support the effort in that way."

After ten months there and with some 80 court cases under his belt, when the replacement for retiring SJA, LCdr. Al McDonald, chose to get out of the Navy instead, Hatley was assigned to NWC.

"So this is actually only my third job and my second command," he said. "I feel I was lucky to get assigned to California in the first place, and lucky again to get to stay here. The Navy's been good to me so far. It's presented me with challenges, I'm learning and having fun. I believe you need that to continue to grow. Otherwise you stagnate."

Before he joined the Navy, his father told him he'd be working with quality people. "And that's been true. All of the people

have been top-notch...except maybe some of the characters I've had to defend...but even they deserve the best possible defense. You may despise the crime or the situation, but you have an obligation and they are entitled to good representation. If you find yourself in a situation so repugnant you can't do the job, you have an obligation to disqualify yourself and step aside."

When asked about hobbies, Hatley chuckled. "I was introduced as a scuba diver a few weeks ago at a hail and farewell party," he said, still smiling. "I love the ocean...There's a lot of sand out here, but no water. Maybe I'll try Lake Isabella."

Still wanting to fly, he's also joined the Navy Flying Club here and intends to pursue a pilot's license.

(Continued on Page 4)

Office sets regular hours for military legal services

Wanting to establish a standard weekly routine to better serve the legal needs of the Center's active duty military members, dependents, retirees and reservists on active duty, the Staff Judge Advocate's Office has set aside days and times for designated services.

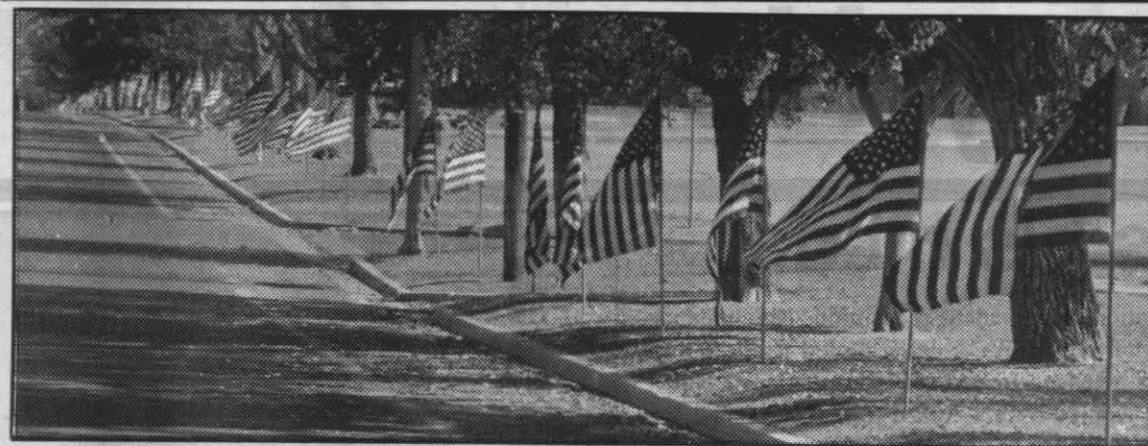
- Monday and Friday, 1 to 3 p.m., appointments will be scheduled for powers of attorney, notarizations, certified true copies of documents, bills of sale, promissory notes, and so on.

- Tuesday and Thursday, 9 to 11 p.m., are the designated hours for appointments for divorce cases, wills, debt counselling and other financial matters.

- Wednesday, legal assistance appointments will be provided as a courtesy to the military community.

Please call the office at NWC ext. 2203 for an appointment. If you cannot keep the appointment, please call to cancel or reschedule. Active duty service members are required to keep their appointments unless otherwise excused.

The Claims Investigation Office is also supervised by the Staff Judge Advocate. Appointments are necessary to review potential claims or for assistance in filing a claim. Please contact Terri Olson at NWC ext. 2506 to schedule an appointment.



SILENT HONOR--Flags waved silently Monday along Blandy and around Headquarters lawn honoring American Veterans in customary NWC tribute. Auxiliary Security Force honor guard fired 21-gun salute at VFW ceremony.

Special magazine features Gulf War lessons learned

Annapolis, Md. -- In a special Marine Corps issue of *Proceedings*, the monthly magazine of the Naval Institute, seven Marine Corps generals who commanded major units during the Gulf War discuss their experiences and lessons learned during the campaign.

Among other things, the generals discuss:

- The early arrival in Saudi Arabia of the 7th Marine Expeditionary Brigade, which started down 11 Iraqi Divisions while waiting for reinforcements;
- The last-minute change of plans that led to a two-pronged breaching of Iraqi barriers and minefields, which General Norman Schwarzkopf was moved to describe as "classic";
- The logistics campaign, in which the Marine Corps put together an 11,280-acre support area in the northwest Saudi Desert in only two weeks;
- The role of Marine aviation in both the air war and ground campaign; and
- How training and education proved to be the keys to tactical and logistic success in Desert Storm.

The November issue of *Proceedings* also includes the winning entries in the Naval Institute's annual Marine Corps Essay Contest and an assessment of Marine aviation's future by Lt. Gen. Duane A. Wills, USMC, deputy chief of staff for aviation.

Commissary announces new hours

In an effort to better serve its military patrons the Defense Commissary Agency has announced extension of evening shopping hours.

New hours for the commissary at the Naval Weapons Center are: Monday, 11 a.m. to 4:30 p.m.; Tuesday and Thursday, 10 a.m. to 8 p.m.; Wednesday and Friday, 10 a.m. to 5:50 p.m.; and Saturday, 9 a.m. to 4:30 p.m.

Ex-XO at NWC Dick Erickson retires at NASL

Ending more than 39 years of active duty service in the Navy, Capt. Richard Erickson, a former executive officer of enlisted personnel and aircraft maintenance officer at the Naval Weapons Center (NWC), recently retired.

He held one of only 23 limited duty officer (LDO) captains' billets in the Navy when he was promoted while serving at China Lake.

He left NWC in 1989 for duty at Naval Air Station Lemoore.



Living with the weeds and the wheat

In Matthew's Gospel (13:24-29), Jesus presents us with an interesting parable about His Kingdom. It is the parable of the wheat field in which weeds are found growing side-by-side with the wheat. These weeds, however, look remarkably like the wheat and cannot be clearly differentiated from the wheat grain. At the conclusion of the parable, the wheat, i.e., the just, the good members of the Kingdom, are rewarded, while the weeds, i.e., the wicked, are gathered up to be cast out. This familiar story has traditionally stood as a warning for the wicked and as an encouragement for the good.

But, there are two other points which we cannot fail to see: first, the parable brings out the fact that, during this life, there will always be both those who make a conscious effort to strive to be righteous and those whose conduct is consistently evil. Likewise, it brings out the fact that, since we can only judge by appearances -- which, like the wheat and weeds of the parable, are often deceiving and inaccurate --, and since God alone sees into the hearts of His children, it is really impossible and terribly presumptuous of us to point out who are the saints and who are the sinners. In effect, as tempted as we sometimes are to make judgments about others and their behavior, the parable underscores the fact that we must exercise the greatest caution in condemning others in the manner that is reserved only to God.

St. Paul counsels that we must put on a heart of mercy, kindness, humility, meekness, patience, bearing with one another and being lavish in our forgiveness. We must also be honest in determining whether we ourselves live the life of the just -- which excludes pre-judging others! --, or whether we have given ourselves over to worldly concerns and obsessions.

An old joke proposes that those of us who finally "make it into the Kingdom" may be very surprised to see there a number of people whom we had, in this life, "written off" . . . much as they will express surprise at our presence among the "wheat that is rewarded."

By LCdr. S.A. Casimano, CHC, USN
Command Chaplain

Lt. Rodney Hatley: You need challenges

(Continued from Page 3)

He also collects music memorabilia. No, not Elvis -- the Beatles. He has a couple of books signed by George Harrison and some movie magazines of the time and a few other items. Not wanting to be portrayed as a Beatlemaniac, he said, "The music meant a lot. I was only nine years old when 'Let it Be' came out...kinda beats the Beatles!"

When it was suggested the Beatles changed the world, he said, "That's a conservative assessment."

He threw his head back and roared when asked for a favorite lawyer joke. Then, after some thought, he narrowed it down to three:

"What's black and brown and looks good on a lawyer?"

"A doberman."

"What do you call ten lawyers in a row?"

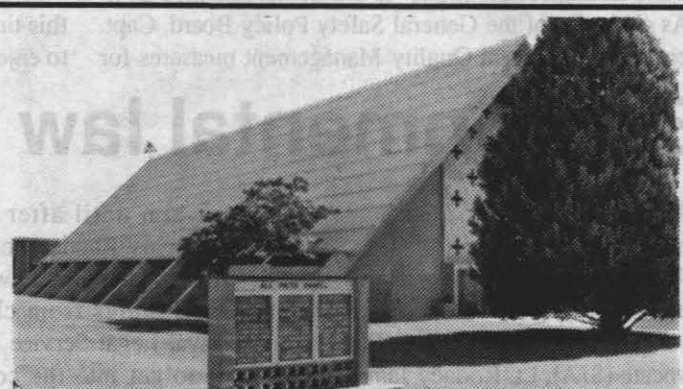
"A wind tunnel."

"How cold is it?"

"It's so cold, I saw a lawyer with his hands in his own pockets."

Lawyer bashing is popular these days, the SJA said, and he doesn't mind most of the jokes. "I know, like in any profession, there are some unscrupulous ones out there, but there are a lot more who serve a useful function and do a lot of good."

Asked if he was married, the tall, young and handsome lawyer said, "No."



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)	7-8:30 p.m.
St. Ann's Parish Hall	
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)	9:30 a.m.-12:30 p.m.
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT, CHC, USNR	
Andrew Paley, Student Rabbi	
Hearing Impaired Equipment, Nursery Available	
Phone NWC Ext. 3506, 2773, 2873	

Community Events

What's Happening

On Nov. 15, 16 and 17, the Sierra Craft Guild will host a Christmas Show at the Desert Counseling Center, 814 N. Norma. There will be a drawing for \$50 on Saturday to use toward a purchase from any member of the guild. Show times are 10 a.m. to 8 p.m. on Nov. 15, with a fashion show planned for 7 p.m.; 10 a.m. to 7 p.m. on Nov. 16; and 10 a.m. to 4 p.m. on Nov. 17.

Artist Wia Chanupa, a Paiute/Ute Indian living in Bakerville, will display and sell her hand-made Indian cultural arts at the Maturango Museum on Nov. 16 and 17 from 10 a.m. to 4 p.m. On Saturday, Nov. 16, started at 2 p.m., she will be the guest speaker at the museum's Saturday Adventure on making Indian drums. For more information, call the museum at 375-6900.

On Nov. 17, the Cerro Coso Community College Fire Mountain Foundation and the Trona Range and Gun Club will sponsor a Turkey Shoot Drawing. Prizes include an 870 Remington shotgun or \$250, a case of shotgun shells or \$75, and a hard case for the gun or \$40 plus other additional prizes. Tickets are \$1 each or six for \$5 and can be purchased from the Cerro Coso Public Information Office and from PG&E. For further information, call the college at 375-5001, ext. 230.

Jean-Pierre Hallet, an explorer, sociologist, naturalist and film-maker, will be the guest speaker at a lecture sponsored by Cerro Coso Community College on Nov. 15. Starting at 7 p.m. For more information, call the college at 375-5001, ext. 230.

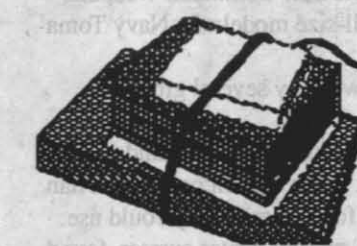
On Wednesday, Nov. 20, a Jazz Concert, featuring the Burroughs High School Jazz Band and Big Band X-Press will be held at the BHS Lecture Center, starting at 7 p.m. General admission is \$3. Admission with a BHS student body card is \$2.

Sun Microsystems Computer Corporation presents the CAD/CAM/CAE shootout! See the most advanced design automation software available on Thursday, Nov. 21, from 10 a.m. to 2 p.m. at the Carriage Inn.

School district sets book giveaway next Tuesday

Surplus and obsolete textbooks and miscellaneous related materials will be given away to the public on Tuesday, Nov. 19, between 7:30 a.m. and noon, and between 1 and 4:30 p.m., by the Sierra Sands Unified School District. The materials are at the Educational Resources Center, 113 Felspar Access is at the south entrance of Hut 1. Cartons

and sacks will be in limited supply. Potentially hazardous condi-



tions make it necessary to limit access to adults only. For safety reasons, children should remain at home.

People who cannot make the Nov. 19 give-away, can arrange to see the remaining materials after that day by calling Ruth Dietrich at the Educational Resources Center, 375-7161.

ADPA seeking best tester nominees

Nominees for the American Defense Preparedness Association (ADPA) 1991 Tester of the Year awards are being sought by the Naval Air Systems Command, Test and Evaluation Division.

Nominees for this prestigious award should have directly participated in a program's test and evaluation within the past year

that will result in the fielding of a system that gives out Navy and Marine Corps a reliable edge in command and/or support for combat.

Each service can designate three award recipients for this special recognition. Nominees should include the name and present position of the nominee; the grade, organization and code. In

addition, a summary of action, similar to one written for a meritorious service medal, and a proposed citation must be submitted.

Nominations should be submitted no later than Thursday, Nov. 21, to Director, Test and Evaluation Division, Attention: Cdr. Larry Neal. For more information, call (703) 692-7542 or fax (703) 746-6996.

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- Is your life based on trying to please your partner so as to avoid his wrath and disapproval?

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Sat. 9AM to 12Noon

Chico announces upcoming class schedule

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

CSCI 152: Operating Systems Programming (3 units)
January 13-April 22, Mondays and Wednesdays, 1130-1245; Training Center (video tape). By Professor Paul Luker, CSUC, (916) 898-4414. Lab will be held Thursdays, 1700-1800, at the Training Center by Howard McCauley, NWC ext. 2274.

Prerequisite: CSCI 151: Algorithms and Data structures or equivalent or consent of instructor.

Scope: An overview of system software function and evolution; loaders; linkers; operating system architecture from the kernel outwards.

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

CSCI 223: Artificial Intelligence (3 units)

January 28-May 19, Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By Professor Anne Keuneke, CSUC, (916) 898-5998.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: The nature of and need for artificial intelligence. The representation of knowledge and making of inferences from given facts; expert systems; natural language understanding; searching for solutions and game playing; artificial intelligence programming in a functional language; computer vision; applications of artificial intelligence.

CSCI 256: Theory of Computer (3 units)

January 28-May 19, Tuesdays and Thursdays, 0930-1045; Training Center (via satellite). By Professor Kent Wooldridge, CSUC, (916) 898-5061.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: This course first covers formal descriptions of computers, languages and programs, then investigates correctness, behavior and complexity. Topics include formal grammars and the associated automata, unsolvable problems, recursive functions and post systems.

CSCI 332: Digital Image Processing (3 units)

January 28-May 19, Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By Professor Jim Murphy, CSUC, (916) 898-4037.

Prerequisite: Statistics and Calculus III or consent of instructor.

Scope: A treatment of topics in digital image processing and display; image acquisition and display; visual perception; digital representation; 2-D transformations; sampling; enhancement; restoration; coding and compression; input and output hardware; image processing software. Course emphasis is on the design and implementation of computer systems for image processing, display and data management.

CSCI 397C-9: Computer Security and Privacy (3 units)

January 28-May 21, Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By Professor Jim Pinkert, CSUC, (916) 898-3408.

Prerequisite: A general knowledge of computers.

Scope: The class will begin with a historical discussion of

cryptography. Emphasis then shifts to security in computer systems, particularly identification, authorization, operating system security, data flow security and data base security. ATMs and POSs are rapidly entering the business scene. Security considerations, especially for multi-organization transactions, will be covered as a specialized extension of some of the more general previous discussions. Computer systems are similar to other assets and businesses in certain aspects of security and these will be the next topic. Included are such areas as physical security, site selection, insurance for hardware and data and liability insurance. (Satisfies Operation Systems/Networks area).

CSCI 397C-10: Object-Oriented Analysis and Design (3 units)

January 28-May 21, Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By Professor Paul Luker, CSUC, (916) 898-4414.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: This class is designed to be complementary to the classes in object-orientation in the earlier phases of the software life cycle; object-oriented analysis, which creates models of the world based on objects; object-oriented design, which relates specifically to the design of software. There is obviously a close relationship between OOA, OOD and OOP, but the use of one does not imply the use of the others. The object-oriented programming class is not

a prerequisite to this one. There will be a project for this class, which may be based on design and/or programming. This will largely be determined by individual students on the basis of their

own needs, background and, above all, interest.

Comments:
For additional information, call Cecil Webb at NWC ext. 2648.

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Your Environment



by
Capt. Douglas W. Cook,
NWC Commander

Environmental compliance is, and will continue to be, a vital and integral part of how the Naval Weapons Center does business. It is critically important all China Lakers understand and work within the proper environmental processes. In this column, I want to share with the workforce some of my views and concerns on the environmental issues of today and the future. "Your Environment" will become a monthly feature in the *Rocketeer* to keep you aware of where we are, what we're doing and, more importantly, what you can do to make a difference.

Since the Center's founding in 1943, the Navy has worked to be a good steward of the land. Today we have to work harder. It is another of the many challenges China Lakers have faced. A challenge I am confident we can meet.

Let me share a little information about the progress we've made in recent years. But I want to preface this by saying, despite all the progress, we are still not fully in compliance with all environmental regulations. We are, however, working hard at reaching that goal as well.

Ten years ago we had five people working environmental issues. In 1989, the staff was up to 17. Today, the environmental staff totals 33 people, with some contractor support.

In 1989, the Center spent \$1.5 million in overhead funds on environmental issues. Last fiscal year, that figure was \$5 million. Additional direct funds from outside sources supplement the in-house funding, and we're making the case for more direct funding. As an aside, to demonstrate the funding problems, it now appears the environmental cleanup at the Philadelphia Naval Shipyard alone will take nearly all the funds allocated by the Navy for cleanup of ALL facilities selected for closure by the Base Closure Commission earlier this year.

The Environmental Project Office was reorganized and made a part of my staff to recognize and emphasize the importance and the Center-wide impact of environmental compliance.

What follows is a list of some of our accomplishments, showing we are serious about moving rapidly and firmly toward compliance.

- We completed a center-wide inventory of 2,760 potential polychlorinated biphenols, or PCB, sources and removed more than 400 such sources;
- Identified 109 underground storage tanks and began removal procedures for 57 inactive or leaking tanks;
- Removed old railroad tankers that did not meet waste oil storage requirements and constructed a new storage facility;
- Expanded the Asbestos Abatement Program and began an inventory of more than five million square feet of building space. We removed 1,525 cubic yards of asbestos;
- Cleaned up a former domestic dump site at the Towne Center Mall;
- Actively began the Installation Restoration Program, including development of a Public Involvement Plan for abandoned dump sites;
- Established a Hazardous Waste Minimization Pro-

gram to reduce our use of hazardous materials;

- Shut down the Minideck Fire Fighting Facility until an oil-water separator and containment system can be installed;
- Began an active recycling program throughout the Center;
- Closed down a former ordnance disposal area at B-Mountain, cleaned up the site and recycled the metal; and
- We are in the process of installing waste water treatment equipment in Michelson Laboratory to end the discharge of toxic wastes through the industrial sewer system.

We still have a long way to go. It is essential we all take responsibility for our actions. If you knowingly violate environmental regulations, you may be held personally liable for those actions.

I'm not trying to alarm anyone, but I want you to know the regulators out there, state, county and federal, are serious. The Center can be fined, I can be sued personally and individuals can receive jail sentences for violating these regulations.

We are working hard to come into compliance. We will not hide any problems from the regulators, the employees or the taxpayers. We'll be open, forthright and totally above board in this area. We made mistakes in the past. We followed procedures that were legal once, but are no longer allowed.

Keeping up with regulatory requirements is difficult and time consuming. The environmental staff and our legal counsel are extremely knowledgeable about regulations and demands regulators place on the Center, and are available to assist you.

If you know of problems or potential problems of an environmental nature, call Tom McGill or someone on the staff of the Environmental Project Office (Code 008) at NWC ext. 2790. They can and will help you. And if they don't, CALL ME, at NWC ext. 2201.

If we are going to meet this challenge, we have to all take ownership of the problem. It's going to cost us a lot of money and take a lot of time to do things right. Potentially it could cost us a lot more, maybe even the Center's future, if we do not continue to be proactive in meeting our environmental responsibilities. The environmental staff can't do it without your help.



AIAA sets Jagiello talk

Lee Jagiello, former chief aerodynamicist for the Sidewinder Missile Program, is the featured speaker at tomorrow (Friday) night's dinner meeting of the American Institute of Aeronautics and Astronautics in Ridgecrest. He will talk about early development of the AIM-9 Sidewinder.

Dinner at Farris' at the Heritage is set for 7 p.m., with the program to follow. Tickets are available at the door.

Jagiello earned the L.T.E. Thompson Award for his work on the Sidewinder control system. He worked on numerous other projects including Shrike, Sparrow, Walleye and Polaris missiles.

For more information call Gerry Thielman at NWC ext. 2877.

You Are Cordially Invited To Attend The...

Sierra Craft Guild

1991 Christmas Show



Reception: Friday, November 15, 5 p.m. - 8 p.m.
Fashion Show: Friday, November 15, 7 p.m.
Friday, November 15, 10 a.m. - 8 p.m.
Saturday, November 16, 10 a.m. - 7 p.m.
Sunday, November 17, 10 a.m. - 4 p.m.

Nancy Hoyem - Water Colors
Carol Wilcher - Linoleum Block Printing
Chris Mattingly - Handwoven Clothing
Vesta Ward - Jewelry
Caroline Zimmerman - Clay Sculpture
Rosemary Ravsten - Fabric Art
Jeanne Greene - Stained Glass
Julie Stayton - Holiday Crafts
Pat Wierman - Jewelry

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New exhibit center flings open its doors

With a quick snip of a bright red ribbon, the Naval Weapons Center's new Exhibit and Conference Center formally opened for business Saturday night. Capt. Douglas W. Cook, NWC Commander; Bill Porter, Center Technical Director; and Burrell Hays, former technical director at NWC, did the ribbon cutting honors.

More than 100 China Lakers and community members were on

hand for the grand opening of the facility. Located in the former Officer's Club on board the Center, this facility houses exhibits showing past and present research, development, test and evaluation efforts at China Lake.

Weaponry ranging from the World War II vintage first-radar-guided missile, the Bat, to the Tomahawk cruise missile and from Shrike to Sidewinder missiles, is the center piece of the

Weapons Exhibit Center. Other displays show a history of NWC and its predecessor, the Naval Ordnance Test Station (NOTS); development of the Trident missile rocket motor test area and photographs of all commanders and technical directors of NWC and NOTS.

Several long-time members of the China Lake community were among the guests for the ceremony, including Hays, John DiPol,

Frank Knemeyer, Bill Davis and Harry Parode.

"We are fortunate to have a rich heritage at NWC and I hope this center will be seen as a bond between the past and the future," commented NWC's commander.

Captain Cook said he was very pleased with the rapid progress in establishing the weapons exhibit. He praised the work of Jerry Lloyd of the Technical Information Department (TID), the Public

Works Department crews, headed by Ron Willett, and members of TID who pitched in to help make the facility ready in time for the formal ribbon cutting.

The Center Commander also noted this was not intended to become a permanent, full-blown museum, but was an excellent starting point. Artists' concepts of a possible museum to be built near the main gate, at some future (Continued on Page 7)

Laughter helps hold the attention during annual safety seminar

It's that time of year again. The holiday season is fast approaching. During the holiday season, streets and highways are filled with holiday drivers. It's reasonable to assume that during the holidays, many of us become preoccupied with thinking about travel plans, leave dates, airline reservations, holiday shopping, parties, relatives coming in from out of town, etc., and basic traffic safety considerations may be overlooked.

In conjunction with the decrease in safety consciousness and the increase in traffic on the roadways, there is also an increase in the number of motor vehicle accidents. In an effort to enhance traffic safety awareness, the Safety Program Office (Code

2405) will be sponsoring this year's "Holiday Traffic Safety Seminar" on Monday, Dec. 2, at the Center Theatre. Show times are 10 a.m. and 1 p.m.

To present this year's seminar is a comedian returning to the Naval Weapons Center from the

company "Lettuce Amuse U." This company presenting the Safety Motivation Seminar at Safety Standdown '91. The comedians from "Lettuce Amuse U" present important safety information using an innovative and entertaining approach.

Get on the right road to safety during this holiday season. Start by attending this valuable and entertaining seminar.

For more information, call Dena Christison at the Safety Program Office, NWC ext. 2367 or 2362.

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Introduction to Software Design & Analysis (16 hours)

December 16-17; 0800-1600; Training Center.

Prerequisite: A good understanding of another high-level language and a basic knowledge of the computer.

Scope: This course will provide a fundamental understanding of software design and analysis. Techniques and tools for design, analysis and implementation of software systems, data structures,

data-flow-driven designs, abstract data types, information-hiding, object-oriented design and language features will be discussed. Structured analysis of a hierarchical top-down method will be used to introduce software analysis methodology. Ada, Fortran, C and C++ will be used to compare language attributes.

Mac Competency Week (With Intro to Macintosh)

December 9-13; 0800-1600; Training Center.

Scope: This 5-day hands-on crash course is for those who are not familiar with the Macintosh, yet need to be in a hurry. Class includes intro to Macintosh computing, intro to MS Word, intro to Powerpoint, intro to Filemaker II and intro to Excel. This self-paced class is good for those new to Macs or those who need to

Lotus 1-2-3 (16 hours)

December 16-19; 0800-1130; Training Center.

Prerequisite: Computer literacy, computer fundamentals or equivalent experience.

Intended Audience: Beginning users of Lotus 1-2-3.

Scope: This is a hands-on

microcomputer course designed to provide a basic understanding of spreadsheet systems, spreadsheet design, creation, revision, formatting and printing will be covered using Lotus 1-2-3.

Enrollments are filled on a first application-received, first-approved basis.

Contributions increase annuity

(Continued from Page 22)

age of 59 1/2, the interest portion of the refund is subject to an additional 10 percent tax. However, the following situations are exceptions to this tax:

1. payments on account of disability;
2. monthly additional annuity payments elected at the time of retirement; and
3. payments after separation from service during or after the year in which the applicant attains the age of 55.

During 1990, individuals had voluntarily contributed slightly more than \$10 million toward their retirement. The interest rate paid on these investments has risen from three percent in 1985 to the current (1991) rate of 8.625 percent.

The amount of additional annuity purchased with voluntary contributions and interest depends upon age at the time of retirement and, once fixed, does not change as the recipient grows older. If a person retires at age 55 or younger and does not elect a survivor's voluntary contributions annuity, each \$100 to a person's credit will purchase \$7 a year of additional annuity. This additional annuity increases by 20 cents for each full year the person is over 55 upon retirement. Thus, if a person retires at age 60, each \$100 will purchase \$8 a year additional annuity; at age 62, \$8.40 a year; and at age 70, \$10 a year.

Participants may elect to share their additional annuity with their spouse or any other person. If they do, their own additional annuity would be reduced and, at death, the person named would be paid half the participant's additional annuity for the rest of his or her life.

People interested in learning more about this program, or for assistance in submitting an application to make voluntary contri-

butions, should contact their PMA team.


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Voluntary Contributions Program aids CSRS employees' retirement benefits

Many Naval Weapons Center (NWC) employees may not be aware of the voluntary contributions program. Voluntary contributions are optional payments to the Civil Service Retirement and Disability Fund made in addition to the regular salary deductions. They are used only to purchase additional retirement annuity. This additional annuity is added to the regular annuity participants would normally receive upon retirement.

Active employees covered under the Civil Service Retirement System (CSRS) may make voluntary contributions, provided the Application to Make Voluntary Contributions, SF-2804, has been approved by the Office of Personnel Management (OPM). Employees covered under the Federal Employee Retirement System (FERS) are not eligible to make voluntary contributions.

As long as employees are eligible, they may make voluntary contributions at regular intervals or whenever they wish. Contributions cannot be deducted from their salary and each payment must be in multiples of \$25 (i.e., \$50, \$75, \$100, etc.). In

addition, payments cannot be made before acceptance of the employee's application by OPM.

Total contributions cannot be more than 10 percent of the total of the participant's basic civilian salary received as of the date any contribution is made. Participants cannot make contributions based on anticipated future earnings.

Voluntary contributions are optional payments to the Civil Service Retirement and Disability Fund.

OPM will compute a participant's limitation upon retirement or closing out the account. Contributions participants make will be accepted. When they retire or close out their account, however, any amount found to be in excess of their limits will be refunded, without interest.

Applicants may apply for and be paid a refund of all (not just a part) of their voluntary contributions, plus earned interest, at any time before they retire and receive additional annuity.

If a participant takes a refund of voluntary contributions, any accrued interest is taxable in the year in which it is received. Also, if a participant receives the refund prior to the time of attaining the

Surface-mount technology training offered

(Continued from Page 20)

The course presents full coverage of the major aspects of surface mount technology and offers guidelines for design, assembly, inspection and test.

The aim of the class is to increase the manufacturing efficiency and the product reliability while reducing the production costs.

Class members will also participate in assembling surface mount boards with components on both sides. This includes solder paste application, adhesive application, component placement, vapor phase reflow soldering, infrared reflow soldering and chip wave soldering.

For more information, call 446-5571.

CSRS employees can now invest in three TSP funds

(Continued from Page 20)

January, CSRS employees are permitted to invest in any of the funds (G, C or F). In the past, they could only invest in the G Fund.

Employees who want to enroll or change their current election should contact their PMA during open season. For further information, call your PMA team.

Fact Sheet info

The latest Fact Sheet listed the following rates of return for TSP investments:

September 1991 -- C Fund, (1.63 percent); F Fund, 1.99 percent and G Fund, .64 percent. The percentage in the () is negative.

Last 12 months -- C Fund, 31.10 percent; F Fund, 15.75 percent and G Fund, 8.48 percent.

A copy of the complete Fact Sheet is available in the Human Resources Department, 505 Blandy, Building 2335, Room 100.

Only people in certain zip codes are eligible for the HMO insurance

In the Nov. 7 issue of the *Rocketeer*, there was an insert about Blue Cross/Blue Shield California Care HMO. Staff from the BC/BS Regional Office in Thousand Oaks sent it out, unaware that employees in the Indian Wells Valley are not eligible for this program.

Only specific areas specified by zip code are eligible for this program. Areas eligible include Bodfish, Bodfish Oaks, Centil, Aerial Acres, North Edwards, Juniper Hills, Garlock, Johannesburg, Randsburg, Boron, Saltdale, Fremont Valley and Garfield. Those living in LA County and Bakersfield are also eligible.

For further information on this HMO plan, call 800-777-6000.

GEHA information:

GEHA has a Preferred Provider Program for 1992; however, Drummond Medical Group is not going to contract with GEHA and participate in the program. The contracting of Ridgecrest Hospital at this time is unknown.

For people who do not use a preferred provider, GEHA will only pay 80 percent of outpatient doctor visits versus 85 percent in 1991. If people do use a preferred provider, the visit is paid at 90 percent. People who are interested in the details of this program or questions whether their doctor is participating, should call 800-821-6136.

FEHB information:

Until Dec. 9, all eligible employees can make changes in their Federal Employees' Health Benefits (FEHB) Program or, if not currently enrolled, enroll in an insurance plan.

For more information about FEHB, call the Employee Management Relations Division at NWC ext. 2018.

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Ribbon cutting event opens NWC Exhibit Center

(Continued from Page 6)

were also on display. The Skipper said he hoped a ground breaking for a museum might be possible during the 1993 50th anniversary celebration at China Lake.

He noted Milt Burford, head of

the Aircraft Weapons Integration Department, had been the Center's leader in getting the facility up and running and deserved a great deal of thanks for his work.

Bill Porter called the new facility "an example of the China Lake spirit and teamwork." He

added that the weapons on display not only have a firm China Lake link, but many were used with great effectiveness during the Persian Gulf War.

As a link to the past, Hays, who left NWC in 1986, said, "We all owe a great deal of thanks to

Capt. Cook and Bill Porter for this facility. It's been a long time coming." He added he felt the exhibit center was an impressive, first class facility and extended his thanks to the Public Works and Technical Information departments for their work in getting it

ready for the grand opening ceremony.

A regular schedule for the facility has not yet been established. In the meantime, visitors are encouraged to call Lloyd at NWC ext. 3105 in advance. Visitors are welcome.



BAT-Visitors to the new Exhibit Center look at a WW II vintage Bat missile.

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Youth get arms familiarization

Saying he didn't want to glamorize it, referring to the recent firing range training for 34 U. S. Naval Sea Cadets and Ridgecrest Police Explorers, Lt. Henry Serna, executive officer and Sea Cadet advisor, remarked, "But it's unusual for a 13-year-old to have an M-16 in his hands."

The training, held Oct. 26, was a part of normal Sea Cadet weapons familiarization training, Serna explained. Several hours of classroom instruction were given the day before, and two more hours of range operation instruction the day of the training.

"We did everything we could to calm the fears of some of the parents. We know some people won't even have guns in their homes, and we understand that, so we wanted to assure parents this would be conducted with safety as a key factor," he said.

Lt. Serna explained the entire project was quite a task logistically, and said, everyone involved cooperated very well. Since weapons handling is not a regular part of their program, special authorization had to be acquired for police explorers to participate.

In addition to the China Lake Police Department, whose high-power rifle range was used for the training, the China Lake Fire Division provided an emergency medical technician and the China Lake Auxiliary Security Force (ASF) had a member at each shooting post to assist the young

people in proper shooting position and gun handling.

Serna had also made a call to the Branch Medical Clinic to let them know the training was taking place and to make sure a doctor would be available, if needed. "We weren't at all concerned that someone would get shot, but other minor injuries can occur when handling weapons for the first time, such as grabbing a hot barrel, and we wanted to have all bases covered," Serna said.

After the morning classroom training, activities at the range started with weapons demonstrations by CLPD members, Lt. Ron Lewis, Sgt. David Burke and Officer Eric Aikin. They demonstrated the M-16 on full-automatic, emptying a 30-round clip in six seconds. Then they demonstrated the M-16's accuracy in semi-automatic.

Next they demonstrated the department's MAC-10, a weapon that fires twice as fast as the M-16 -- 600-rounds per minute. Although it is designed for barri-

caded-suspect situations and has never been used, several members of the CLPD are trained and qualified on the weapon.

They also demonstrated a police shotgun with the barrel cutdown to 18 inches. Lt. Lewis explained, while cutting the barrel down serves the practical purpose of allowing the gun to be mounted in a police unit, it also serves to scatter the 15-pellet rounds. The dispersion is so great, a blast at a target 25 yards away would result in only three or four pellets hitting the target.

"I just can't thank everyone enough," Serna told the *Rocketeer*. "Petty Officer Wayne Ayers and the other eight or nine ASF guys carried this. In addition to helping with the gun handling, they provided earplugs, magazines and targets. And I don't want to forget Fred Minnick from VX-5 who did a great job as range master. Fran Rugg from the Center's public affairs office was a real sweetheart with all the arrangements she had to make."



ASF members gave shooters individual attention.

CIAT is topic of Haaland address to local NCMA

Sterling Haaland, the Naval Weapons Center's laboratory director, is the speaker for the National Contract Management Assoc. Nov. 19.

"The Contract Improvement Action Team (CIAT) Approach to Doing Business," is Haaland's topic at the scheduled luncheon meeting. CIAT is a new program where core members of a team work together from the first stages of a known requirement, through design and preparation of a procurement package.

The meeting, set for 11:30 a.m., Nov. 19, at the Carriage Inn, costs \$5.50 for NCMA members and \$6 for non-members. Reservations are needed. Please call Vickie Oakley or Gina Kauppi at NWC ext. 6245/6334 or Jackie Patterson at NWC ext. 1519 for reservations.

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Oklahoma City	\$128	\$153	\$147
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Reno/Tahoe	\$ 68	\$ 68	\$ 67
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Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 31-029, Aerospace Engineer, DP-861-3, Code 3181 - Position is located within the Systems Effectiveness Branch, Survivability and Lethality Division, Aircraft Weapons Integration Department. The branch provides survivability and mission effectiveness analysis to support Navy and Marine Corps weapons systems developments, including manned aircraft, cruise missiles, and unmanned aerial vehicles. The incumbent is responsible for simulation and analysis of the survivability and effectiveness of air vehicles in a multiple threat environment and will provide support to various projects within the branch. Incumbent will be responsible for analysis of threat

systems as an integral part of the survivability assessment process. The incumbent uses mathematical modeling and computer simulations of weapons systems survivability and effectiveness. The incumbent should be familiar with standard threat and air vehicle simulations such as TRAP, AASPEM, IVIEW, ESAMS, etc. Incumbent must be able to obtain and maintain a Top Secret clearance. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above.

Send updated SF-171 to T. K. Rindt, Code 3181, NWC ext. 3383. Previous applicants need not reapply.

Technology training set

Hands-on-surface-mount-technology training for engineers and technicians will be offered by the Naval Weapons Center's Electronics Production Technology Training Facility starting in December. The 40-hour class, beginning Dec. 2, will be held at 543 Graff St. To be scheduled into the class, call the Electronics Production Technology Training Facility at 446-5571.

The advantages of surface mounting electronic components to increase circuit performance and reduce package volume and weight are driving many designs to this ever-evolving technology. (Continued on Page 22)

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TSP open season begins

Open season for enrollment or change in election in the Thrift Savings Plan (TSP) starts Nov. 15 and closes Jan. 31. Open season pamphlets will be distributed to all employees.

TSP is a plan that provides an employee with an opportunity to save money on a tax-deferred basis in order to supplement annuity benefits from the FERS Basic Benefit Plan and Social Security, or CSRS, if applicable. It is similar to a savings plan which is widely used in the private sector, called "401-K."

Because of the advantages in participation in the TSP program, employees are encouraged to consider enrollment. The first advantage is that contributions are tax-deferred. For FERS employees, another advantage is

that the government will put in matching funds of up to four percent of basic pay, bringing the total government contribution up to five percent (this includes the one percent Automatic Government Contribution). The greatest advantage, of course, is that retirement benefits can be increased substantially by TSP, making your retirement years more comfortable and enjoyable.

The TSP is the third tier of FERS, and a very important part of future financial security. The government inputs one percent, whether or not the employee participates. Employees may contribute as little as one percent, or a fixed dollar amount under one

percent, or a greater amount up to 10 percent of basic pay. The government will put in matching funds from one to four percent, depending on the amount of employee contributions, or up to a total of five percent.

FERS employees are permitted to allocate all or any portion of future contributions to any of the TSP Investment Funds, this includes agency contributions as well as their own.

CSRS employees may contribute up to five percent of basic pay, but the government does not contribute any matching funds. Keep in mind that contributions are tax-deferred. Effective this

(Continued on Page 22)

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SID concept places focus on improving technical support

(Continued from Page 1)

With the challenge of crossing site lines with the SID, comes the challenge of communicating well across distance. With physical sites at China Lake, Pt. Mugu, and White Sands and Albuquerque, New Mexico, communication becomes an area of vital importance. Bullard acknowledges this issue and notes key managers have been using the video teleconference facility and the three-day-a-week aircraft shuttle between Pt. Mugu and China Lake to help bridge communication gaps. Additionally, all the commands are working to get electronic mail connections set up to speed the communication process.

Noting the Congressionally-mandated drawdown of the Department of Defense and Navy was a key driver of forming the SID, Bullard said, "credible, accurate information in a drawdown situation is just really important to have. We need to provide the very best information possible to managers and superiors."

The SID evolved during a study of so-called support functions, and the realization certain of these functions i.e., public safety, security and the airfield, were really very site-specific, with unique needs. On the other hand, the five areas in the SID were not unique to any given site. Additionally, the concept of a single, accountable manager of these functions for the entire NAWC-WPNS, was viewed as an improved way of doing business.

Bullard, as that single manager, has also been tasked to continue his leadership role in Total Quality Leadership. As team leader for TQL in the NAWC-WPNS, he builds on the framework established at China Lake as head of the Quality and Productivity Directorate.

"We're going to continue a very aggressive TQL program. We can learn a lot from the Naval Air Systems Command's (NAVAIR) program now that we're under their cognizance. It's a challenge to switch to NAVAIR's way of doing business. But, they have one of the best TQL programs in the Navy, very product line oriented, and we can learn from them," Bullard commented.

To make sure the customer orientation isn't forgotten or neglected, all the action teams developed by the SID transition team will include customer representatives. "We want to be very sensitive to customers and their needs," added Bullard.

Reasonableness and smartness are features of changes the SID will bring about that Bullard wants to stress. "We really are trying to make changes the smart way," he stressed. "We are reassessing every function in each of the five areas of the SID over time. We will continue to merge efforts where possible and select the best processes. We hope to have all this done by the start of FY-93."

NAVAIR and the prospective commander of the Naval Air Warfare Center, RAdm. George H. Strohsahl Jr., have been very supportive of plans for the SID and efforts to ensure changes made are smart change and are the right changes, noted to Bullard.

China Lake managers plan to start a major effort soon to get all employees up to speed on the SID, plans for the proposed NAWC-WPNS and general realignment efforts as they impact this area. The process is moving along. The efforts are on target and on schedule.

While the SID transition team struggles with changes and adjustments, they are looking at an almost seamless move to the new organization when the NAWC-WPNS is approved. If the team does its job right, few employees at China Lake, or for that matter at Pt. Mugu or in New Mexico will notice the difference.

The challenge is real. The challenge is difficult. But, a skilled and talented team of Navy professionals is well on the road to meeting and solving this latest challenge with smart thinking and an improved way of doing business.

"We're going to continue a very aggressive TQL program." --Bullard

the realization certain of these functions i.e., public safety, security and the airfield, were really very site-specific, with unique needs. On the other hand, the five areas in the SID were not unique to any given site. Additionally, the concept of

a single, accountable manager of these functions for the entire NAWC-WPNS, was viewed as an improved way of doing business.

Bullard, as that single manager, has also been tasked to continue his leadership role in Total Quality Leadership. As team leader for TQL in the NAWC-WPNS, he builds on the framework established at China Lake as head of the Quality and Productivity Directorate.

"We're going to continue a very aggressive TQL program. We can learn a lot from the Naval Air Systems Command's (NAVAIR) program now that we're under their cognizance. It's a challenge to switch to NAVAIR's way of doing business. But, they have one of the best TQL programs in the Navy, very product line oriented, and we can learn from them," Bullard commented.

To make sure the customer orientation isn't forgotten or neglected, all the action teams developed by the SID transition team will include customer representatives. "We want to be very sensitive to customers and their needs," added Bullard.

Reasonableness and smartness are features of changes the SID will bring about that Bullard wants to stress. "We really are trying to make changes the smart way," he stressed. "We are reassessing every function in each of the five areas of the SID over time. We will continue to merge efforts where possible and select the best processes. We hope to have all this done by the start of FY-93."

NAVAIR and the prospective commander of the Naval Air Warfare Center, RAdm. George H. Strohsahl Jr., have been very supportive of plans for the SID and efforts to ensure changes made are smart change and are the right changes, noted to Bullard.

China Lake managers plan to start a major effort soon to get all employees up to speed on the SID, plans for the proposed NAWC-WPNS and general realignment efforts as they impact this area. The process is moving along. The efforts are on target and on schedule.

While the SID transition team struggles with changes and adjustments, they are looking at an almost seamless move to the new organization when the NAWC-WPNS is approved. If the team does its job right, few employees at China Lake, or for that matter at Pt. Mugu or in New Mexico will notice the difference.

The challenge is real. The challenge is difficult. But, a skilled and talented team of Navy professionals is well on the road to meeting and solving this latest challenge with smart thinking and an improved way of doing business.

JP Corner: Thanksgiving potluck, basketball team eyed

Junior Professionals (JPs) and Cooperative Education Program (Co-op) students are invited to the next JP/Co-op luncheon meeting set for noon on Nov. 21 at the Seafarer Club.

The Thanksgiving potluck dinner and football rally will be held on Thanksgiving Day (Nov. 28) at Anita DeGroot's house. Maps will be given out at the

next luncheon meeting, or call Anita at 446-2803 for the address and directions.

JPs and Co-ops interested in joining a recreational basketball team should call Glenn Flood at NWC ext. 2119.

Contributions for the JP Scrapbook are still being sought and should be mailed to Dawn Marek, at Code 3594, or JPs can

call her at NWC ext. 2983.

Shower singers are invited to show of their talent by going Christmas Caroling on Dec. 13 (the date is optional). Contact Jim Alley at 446-2893 for more information.

If you have an item to place in the JP-Co-op Corner, call Jim Alley at NWC ext. 3571 or Pat Bacziewicz at NWC ext. 3371.

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Remembering 'Dutch' Hagadorn

Memories of what they were like in life is what we hold on to with the passing of loved ones. And this will certainly be true of Dutch Hagadorn, a member of the Naval Weapons Center family we lost last Wednesday to a sudden heart attack. But, in addition to the dear mental and emotional reflections of Dutch we'll cling to, he left a trail of tangible and enduring memorabilia.

As an illustrator/designer for the Technical Information Department since June 1980, Dutch contributed much in the way of lasting testimonials to his craft, not just for the Center, but for other services, other activities and even for international efforts. His most recent effort is the proposed logo designs for the Naval Air Warfare Center expected to stand up in January.

"Dutch's greatest attribute, beyond his talent as a senior designer," said Bill Erwin, head of TID's Graphic Arts/Electronic Publishing Branch, Hagadorn's last supervisor, "was his ability to analyze a customer's problem and produce a product -- whether it be a brochure, an exhibit, slides or even an occasional painting -- that solved the problem. He didn't just produce nice work, he produced solutions."

Subtle evidence of this talent is revealed in the NAWC logos. The overall logo has two stars, representing the Weapons Division and the Aircraft Division. The designs show an aircraft firing a missile.

In the "Weapons Division" version, those words are under the missile and in the Aircraft Division's logo the title is under the aircraft. Each has a single star.

Erwin explained, while Dutch was the key or lead designer on a number of projects, he almost always sought out suggestions and opinions of other branch members. "Nothing we do is produced in a vacuum, and Dutch was the first to ask for help when he got stuck. He welcomed advice and criticism."

Dutch is also known for the many retirement and going away cards he produced, not just with a remarkable caricature of the departing person, but a card that captured the essence of who that person was.

The Wellness Program's logo is another piece of Dutch that will live on.

"The F-18 confrence room is Dutch Hagadorn," noted Jim Koch, the man who hired Dutch when he was starting the field service group at Armitage Field. "It set the standard for our work out there and Dutch was largely responsible for the success of that group."

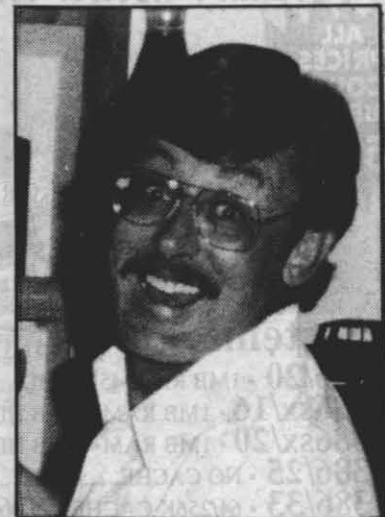
"When Capt. Valovich went to Lemoore (before returning to NWC as vice commander) he brought work back here to Dutch for a training program at their flight school. I had people from Code 31 ask me how I was going to replace him when they found out he was going to Bill's group. As it turned out, I had to get special permission to hire two people to replace him."

Born Harry W. Hagadorn Jr., Nov. 1, 1950, in Tacoma, Wash., Dutch came to Ridgecrest at age three and stayed. He served in the Air Force from 1969 to 1973, with two tours in Vietnam as a mechanic for F-4 aircraft ground support equipment.

He is survived by his wife, Sharyle; two sons, Jason Mathias and Derik Myklebust of Ridgecrest; mother-in-law and father-in-law, Vonnie and Dick Davis of Ridgecrest; a brother, Kenneth of Ridgecrest; sister and brother-in-law, Nancy and Doug Duggins of Ridgecrest; aunt Vivian Rooney of Wofford Heights; three nieces; two nephews; one great niece; and two great-nephews.

Over the years from grade school through high school and into the workplace, Dutch amassed a large number of friends and admirers. Erwin said, he was "universally liked and never had a problem with anyone."

Longtime friend and co-worker Tom Boyd said, "His friends are also Dutch's survivors, because in a lot of ways we were family -- he supported us and we supported him."



Dutch Hagadorn



MARINE CORPS BALL--Col. Jerry Agenbroad, Commanding Officer of the Marine Aviation Detachment, China Lake, and Gerry Schiefer, former NWC technical director, are backed by the Marine Color Guard at the start of the annual USMC Ball last weekend. As the guest speaker, Schiefer noted he has a deep respect for the Marines. "The Marines have always understood and exemplified the values that I also hold. I think of "Esprit de Corps," "The Team," where all are working with the same objective. A unity of purpose with a concern for the welfare of others. I especially like the Marines' sense of patriotism: Their love of country, of liberty -- freedom! Patrick Henry would have been a good Marine." Joining Schiefer as special guests were Capt. Douglas W. Cook, NWC Commander, Bill Porter, NWC Technical Director and Capt. Garth VanSickle, Commanding Officer of Air Test and Evaluation Squadron Five. Photo by PH3 Cary Brady

Off-the-Shelf Exotic Signal Simulation

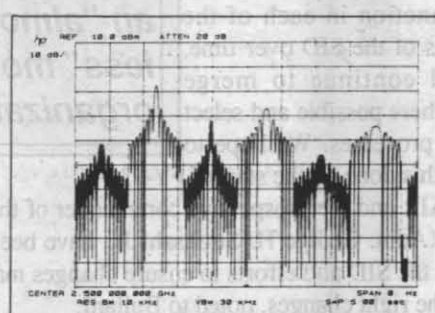
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Advancement opportunities are available

(Continued from Page 18)

tracking radar systems. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit; knowledge of Radar systems; ability to troubleshoot and repair digital and/or analog circuit; ability to troubleshoot and repair radar transmitters; ability to supervise personnel and manage radar assets; ability to communicate orally; ability to communicate in writing; and the ability and willingness to support NAVWPNCEN EEO goals and objectives. Incumbent may be required to serve a one-year supervisory probation period. Overtime and working outdoors are required. This ad will close November 29, 1991.

No. 62-042, Multidisciplinary Supervisory (Engineering/Electronics Technician) DP-802/856-3/4, Code 623 - This position is the Head, Instrumentation Systems Division, Range Department. This division operates and maintains field instrumentation (range data sensors), including photo-optical, video, radar, laser tracking, and RF target systems. The division also designs, develops, procures, and installs advanced range instrumenta-

tion systems and RF targets and provides facilities engineering support to the department. **Job Relevant Criteria:** Knowledge of range testing and range field instrumentation; knowledge and experience in program management; knowledge of NWC personnel policies and procedures and a willingness to implement EEO policies and goals; and the ability to deal effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **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. ** A one year supervisory probationary period may be required for new supervisors. Previous supervisory experience desirable. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

No. 64-041, Electronics Technician, DT-856-2/3, Code 64241 - This position

is located in the Telemetry Test Support Section, Telemetry Systems Branch, Telemetry Division of the Aerosystems Department. Incumbent will be responsible for fabrication and testing of airborne telemetry systems. Support will involve fabrication to DOD 2000 and documentation packages as well as developing test methods required to validate the package. Test support will involve environmental testing, system calibration, integration tests and flight test support. Strong system testing background with some fabrication work is desired. **Job Relevant Criteria:** Knowledge of airborne telemetry systems; knowledge of encrypted communication systems; knowledge of circuit fabrication and design; skill in reading schematics and wiring diagrams; ability to communicate effectively with people and work as part of a team; ability to fabricate and test airborne telemetry systems; and the ability to assist engineers in the design

of telemetry systems and subsystems. Promotion potential to DT-3.

No. 64-042, Supervisory Aerospace Engineer, DP-861-3/4, Code 641A - This position is located in the Aerosystems Department, Recovery Systems Division, Aerosystems Program Office. The incumbent serves as head of a group of engineers and technicians responsible for program management of multiple programs encompassing the development, testing and qualification of recovery systems. These systems include, but are not limited to; personnel (both emergency egress and premeditated), missile retardation/stabilization/recovery, ejection seat testing, etc. Duties include planning, budgeting, contracting, staffing and program execution. The incumbent will interface with all levels of NAVWPNCEN management, NAVAIR/NAVSEA sponsors, other DOD activities and contractors. **Job Relevant Criteria:** Knowledge and technical

expertise in aerodynamic decelerator technology; knowledge of NAVWPNCEN personnel policies and procedures and a willingness to implement EEO policies and goals; ability to plan, organize, coordinate and manage technical projects; and the ability to deal effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **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. ** A one year supervisory probationary period may be required for new supervisors. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

Secretarial opportunities

This column is used to announce secretarial 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 secretarial 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. 31-026, Secretary (Typing), DG-318-1/2, Code 3135 - The incumbent will provide secretarial support to the Electronic Warfare Systems Development and Assessments Branch. In addition, this position requires someone willing to learn SPEDI, perform as Branch CCP, track weekly spending and eager to continually improve office processes. Knowledge and experience on the Macintosh II computer is highly desirable. Promotion potential to DG-2, but not guaranteed. Incumbent must currently possess or be able to obtain a TOP SECRET clearance with SBI. The person selected for this position will be subject to urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Previous applicants need not reapply.

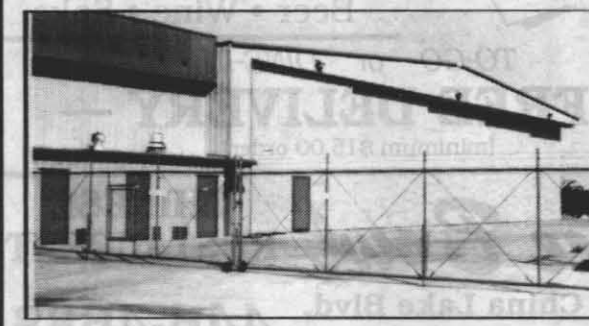
No. 31-027, Secretary (Typing), DG-318-1/2, Code 3115 - The incumbent provides general secretarial and administrative support, plant account administration, and data base entry to the AWID System Support Branch, Avionics Facilities Division, Aircraft Weapons Integration Department. Knowledge and working skills on the Macintosh are desirable. Promotion potential to DG-2, but not guaranteed. The selectee must be able to obtain and maintain a Secret clearance. This position may be full-time, or considered for job sharing.

No. 35-026, Secretary (Typing), DG-318-2/3, Code 35B3 - This position is located in the AIWS Project Office, Attack Weapons Department. Incumbent provides secretarial support to the AIWS Project Office. Experience with the Macintosh computer, and related software is desirable, but not required. Must be able to obtain and maintain a Secret clearance. Promotion potential to DG-3, but not guaranteed.

No. 36-034, Secretary (Typing), DG-318-1/2, Code 3648 - This position is located in the Precision Electromechanical Support Branch, Engineering and Production Processes Division, Engineering Department. The incumbent provides secretarial support to the Branch Head and all employees in the branch. Ability to operate a Macintosh computer is desirable. Promotion potential to DG-2 but not guaranteed.

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. Previous applicants need not reapply.

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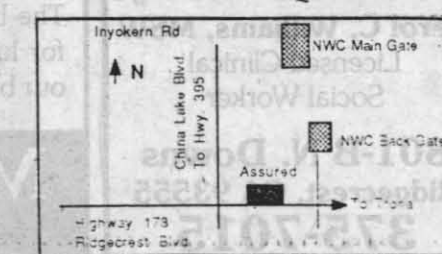
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Personnel News

Promotional opportunities

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

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

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on 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. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 19-001, Supervisory Recreation Assistant (Temporary NTE 1 year but may become permanent), DG-0189-2, Code 194. Incumbent is responsible for supervisory controls and operation of a large gymnasium complex including athletic fields, tennis courts, racquetball courts, weight room, multipurpose court, locker rooms, sauna for women, steam room for men, and small resale operation. **Job Relevant Criteria:** Knowledge and working skills in these areas desirable; ability to deal effectively with patrons and MWR employees; ability to communicate effectively orally and in writing; and knowledge of affirmative action principles including a willingness to implement EEO practices. Full performance level: DG-2. May be required to complete a one-year supervisory probationary period.

No. 24-024 Security Specialist DA-0080-2 Code 2432. This position is located in the Information Security Branch of the Safety and Security Department. The incumbent prepares Contract Security Classification Specifications, provides security briefings, investigates and processes security violations, serves as NWC point of contact for foreign disclosure and release of classified/unclassified information.

Job Relevant Criteria: Knowledge of the Industrial Security Program including contract security specification requirements; Ability to communicate orally; Ability to communicate in writing; Skill in formulating and presenting briefings. **Must be able to obtain and maintain a Secret clearance.** Position is at full performance level.

No. 28-064, Fiscal Accounting Clerk, DG-503-1/2, Code 2855. This position is located in the Disbursing Branch, Customer Services Division, Office of the Comptroller. The incumbent will be responsible for, under the direction of the Disbursing Officer, validation and disbursement of civilian payrolls, travel advances and claims, vendor payments, public vouchers, deposits, and collections. **Job Relevant Criteria:** knowledge of Navy Industrial Fund accounting principles; knowledge of Joint Travel Regulations; knowledge of document entry systems; knowledge of Integrated Disbursing and Accounting System; ability to work under pressure. Promotion potential to DG-3.

No. 32-021, Interdisciplinary (General/Mechanical/Aerospace/Chemical/Engineer/Mathematician/Chemist/

Physicist) DP-801/830/861/893/1520/1320/1310-3/4, Code 3205. This position is that of Insensitive Munitions Advanced Development Propulsion Manager in the Technology Programs Management Office of the Ordnance Systems Department. The incumbent is responsible for managing the Propulsion Project of the Navy's Insensitive Munitions Advanced Development (IMAD) Program, which is sponsored by the Naval Sea Systems Command. The objective of the project is to develop, demonstrate and promote transition of propulsion technology and concepts that will meet performance, logistics and insensitive munitions requirements of current and planned Naval weapons systems. The incumbent will be responsible for technical and administrative management of a major advanced development program in missile propulsion which is typically funded at the \$8M per year level and involves approximately 100 employees at the Naval Weapons Center and additional tasks performed by other DoD laboratories and contractors. Responsibilities include liaison with the sponsor and other Navy commands as well as with the other DoD services, with industry and with other nations. The incumbent will be

a primary Navy spokesperson for insensitive propulsion technology at national and international levels. A broad, general knowledge of missile propulsion technology (propellants, combustion, rocket motor design), behavior of energetic materials, and hazards and performance testing of rocket motors is strongly desired. **Job Relevant Criteria:** Ability to plan, organize, coordinate and manage a large technical program; ability to communicate orally; ability to communicate in writing; skill in presentation of technical material. Promotion potential to DP-4, but not guaranteed. **This announcement closes 27 November 1991.**

No. 39-043 Security Clerk, DG-086-2/3, Code 39505. This position is located in a technology office of the RF Guidance Division in the Intercept Weapons Department. The incumbent is responsible for assisting in the day-to-day operations of the office in a variety of areas such as records management, security management and administrative support. **Job Relevant Criteria:** Knowledge of NWC Security policies and procedures; ability to communicate orally and in writing; and the ability to deal effectively with all levels of personnel. Incumbent must be able to obtain and maintain a Top Secret Clearance based on a Special Background Investigation. If hired at the DG-2 level, promotion potential to DG-3, but not guaranteed. The person in this position will be subject to urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above.

No. 62-034, Electronics Technician, DT-856-3, Code 62311. This position is in the Electro-Optical Branch, Instrumentation Systems Division of the Range Department. The incumbent operates, maintains and provides design and development of highly specialized optical and electronic devices, with emphasis on laser equipment to gather test data for NAVWPNCEN Ranges; performs work using specialized optical, video, film and tracking equipment and improvises new methods and techniques for using such equipment. Assists in planning and conducting field tests. **Job Relevant Criteria:** Knowledge of photo-optical, electro-optical and laser systems and their uses for gathering field test data; ability to support a specific project/program and assist project engineers in accomplishing their goals; indepth experience in photo-optical, electro-optical and laser equipment and knowledge of current field instrumentation technology, data links, laser tracking, range operations, modern weapons systems, and test and evaluation operations. Typical equipment used within the Branch, but not restricted to, are: GTE LRMK-II 1.06 micro meter laser, associated test instruments, various tracking mounts, such as Cine Sextants, Cine Theodolites, Contraves KTMs, Askania (MCMs), M-45s, medium and high speed cameras, specialized shuttered video cameras, recorders and other related equipment. Promotion potential to DP-3, but not guaranteed. Previous applicants need not apply.

No. 62-037, Electronics Technician, DT-856-A/1/2/3, Code 62362. This position is located in the Baker Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. The incumbent is responsible for the operation, maintenance, repair, and/or fabrication of the North Range Radars systems/subsystems used for missile and aircraft testing on NAVWPNCEN North Range. This will include the troubleshooting and maintenance of transmitters, solid state and/or tube receivers, servo systems, data systems and video systems for pulsed

blueshooting and maintenance of transmitters, solid state and/or tube receivers, servo systems, data systems and video systems for pulsed tracking radar systems. **Job Relevant Criteria:** (DT-A) Knowledge of electronics principles; skill in using electronic test equipment; ability to use common electronics tools; and the ability to communicate orally. (DT-1) Knowledge of electronic principles; skill in using electronic test equipment; skill in operating tracking radar; ability to use common electronics tools; and the ability to communicate orally. (DT-2) Knowledge of digital and/or analog circuit design; knowledge of radar transmitter circuit; skill in alignment, test, and calibration of radar systems; and the ability to communicate both orally and in writing with all levels of personnel. (DT-3) Knowledge of digital and/or analog circuit design; ability to troubleshoot and repair digital and/or analog circuit; knowledge of radar and radar systems; knowledge of radar transmitter circuit; skill in alignment, test, and calibration of radar system; ability to design, document and fabricate one-of-a-kind electronic hardware; ability to communicate both orally and in writing with all levels of personnel. Overtime and working outdoors are required for all levels. Promotion potential to DT-3, but not guaranteed. Previous applicants need not apply.

No. 62-040, Interdisciplinary Supervisory (General/Mechanical/Electrical/Electronics/Aerospace Engineer) DP-801/830/850/855/861-3/4, Code 623. This position is the Head, Instrumentation Systems Division, Range Department. This division operates and maintains field instrumentation (range data sensors), including photo-optical, video, radar, laser tracking, and RF target systems. The division also designs, develops, procures, and installs advanced range instrumentation systems and RF targets and provides facilities engineering support to the department. **Job Relevant Criteria:** Knowledge of range testing and range field instrumentation; knowledge and experience in program management; knowledge of NWC personnel policies and procedures and a willingness to implement EEO policies and goals; and the ability to deal effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **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. **A one year supervisory probationary period may be required for new supervisors. Previous supervisory experience desirable. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

No. 62-041, Supervisory Electronics Technician, DT-856-3, Code 62361. This position is located in the Tower 9 Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. As Section Head, the incumbent is responsible for the supervision of the Tower 9 Radars Site and will supervise section activities of fabrication, operation and maintenance of the North Range Radars used for missile and aircraft testing on NAVWPNCEN North Range. This will include the troubleshooting and maintenance of transmitters, solid state and/or tube receivers, servo systems, data systems and video systems for pulsed

Wellness corner: China Lake Challenge results for 1991 released

The China Lake Challenge results are in! Points were counted for the 31 codes and companies that participated in the Challenge. Three categories were established, based on the number of employees. Participation awards go to:

Entron Systems and General Dynamics (Category I)

Naval Weapons Center, Code 25 (Category II)

Boeing Computer Support Services, Inc. (Category III)

Organizations with less than 100 employees are in Category I; Category II includes organizations with 100 to 300 employees; organizations with more than 300 employees are in Category III.

More than 800 people played in at least one of the 19 activities sponsored by codes and companies. Code 26 won the Softball Tournament, Code 32 won the Volleyball Tournament and Code 25 won the official Tug of War

for the third year in a row. A big thank you to all the event coordinators and their volunteers who helped make this third annual event happen. (In spite of the wind!)

The event coordinators were Ken Presley, Marilyn Ball, Peggy Ames, Elaine Arnell, Sue Dunker, Shari Keyes, Diane Ross, Socorro Ramirez Williams, Mona Alkhafi, Mike Sowa, Pat Lightfoot, Lloyd Crabtree, Joyce Hinkle, Kelly McDonald, Lynn Becker, Cal Kato, Keith Becker, Tom Roseman, Becky Souza, Tom Miller, Joe Oliver and Chip Keyes.

A special thanks goes to Doug Blew of Code 6441 who customized, for the Challenge, the data base used by the Sagebrush Games in Washington. This greatly streamlined the registration and result process.

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Disaster can strike people from all walks of life at any time -- look at the people in the Oakland area. A fire left many of them homeless. One of the first groups to give them a *Voice of Hope* was a group that was there thanks to the generous donations of people throughout the world.

During the Combined Federal Campaign (CFC), Naval Weapons Center employees, military and civilian alike, are asked to help keep groups like the one mentioned above in business. While you might not need their assistance now, can you guarantee you or your family won't need them in the future?

This is the final week for this year's CFC drive. According to Fran Rugg, NWC's CFC coordinator, as of Tuesday, NWC's participation rate was only at 24 percent. With a 40 percent goal, the Center still has a long way to go and not much time.

"Each NWC employee should have been contacted about donating to CFC," Rugg said. "If any

NWC employee has not been contacted, please call me at NWC ext. 6689 or call Jean Johanbocke at NWC ext. 3808. We want to know how effective our goal to reach 100 percent of the employees has been," she noted. "We can't do that without people calling us if they haven't been contacted."

Rugg reminds China Lakers the CFC drive is an annual event. "Pledges don't carry from year to year," she explained. "Even though an employee donated last year, a new pledge card must be filled out."

This year, the need for donations is greater than ever. With rising living costs, paychecks aren't going as far as they once were, noted one organization's manager. "We have more than twice the number of people asking for assistance this year than I had anticipated," she said. "I have never exceeded my annual budget like I have this year."

One NWC employee noted her she is on a tight budget, but

doesn't even miss the small amount she donates. Why does she donate? To do her part in helping to ensure aid is there for people in need. "About 10 years ago," she said, "my husband was laid off. It was going to take a good three to four weeks before the unemployment benefits would start coming in, and with three children, we just didn't have enough money to carry us over. I asked a group for assistance, and we were immediately given enough food to last us until our first unemployment check. I don't know what we would have done without them!"

Whether donating to national or local agencies, all donations are appreciated and do help, stressed Rugg. If each employee would donate just \$10 per pay period, not just would NWC exceed its 40 percent participation goal, but it would raise the most money it has ever raised for CFC!

Do your part and become a *Voice of Hope!* Donate today!

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Egg Sandwich w/Bacon or Sausage.....	.99
Pancakes w/Bacon or Sausage.....	1.29
Sausage or Bacon Sandwich.....	.79
Hash Browns.....	.48
Danish - Apple, Berry, Bear Claw.....	.65
Orange Juice.....	.79
Grapefruit Juice.....	.79
Milk.....	.70
Coffee.....	Lg. .70 Reg. .55

321 W. Inyokern Rd.

Housing Says: Thanks to all Yard of the Month winners

Housing says . . . The "Yard of the Month" Program has ended for 1991 and will start again in May 1992. The housing staff thanks all the winners for their hard work and effort in keeping their lawns well maintained.

A special thanks goes to the residents on Intrepid for consistently maintaining their yards. The residents are: Lt. and Mrs.

Fred L. Butler, AXCS and Mrs. Robin Adamson, Mr. and Mrs. James M. Field, Mrs. Teresa L. Telles, AEC and Mrs. John K. Ferguson, Mr. and Mrs. John P. Brown, Lt. and Mrs. John G. Spear, HM1 and Mrs. James K. Brown, Mr. and Mrs. Donald G. Wooley, and MSC and Mrs. Shannon J. Ayers. Keep up the good work!!!!

The housing staff will contin-

ue to look for well-maintained streets and areas.

Even though winter is approaching, yards must be maintained. Discrepancy notices will be issued.

Congratulations to Mrs. Valerie James for re-naming the Housing Office's Newsletter. The new name, Desert Dweller, will appear starting with the December edition.

Pager scam could hit China Lake

There is a serious telephone scam targeting electronic pagers that has the potential to cause substantial financial loss. The scam involves being paged and asked to call 212-540-XXXX (XXXX could be any four numbers). The 212 area code covers New York City. The 540 exchange acts the same as a 900 service number. If the 212-540-XXXX is called, the calling number is billed \$55!

The potential for corporate and personal loss is large. All personnel in possession of an electronic pager are strongly cautioned against answering pages from the 212-540-XXXX area. If this sequence of numbers should appear on a NWC employee's beeper, report it to the Telephone Services Branch. DO NOT CALL THE NUMBER. If this number should appear on a telephone bill, highlight it and return it to the branch. For more information, call Dorothy Jenkins, Code 2714, NWC ext. 3451.

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— AGENDA —

9:00 a.m. to 10:30 a.m.

LabVIEW® 2 software and NB Series GPIB and data acquisition solutions for Apple Macintosh NuBus computers.

11:00 a.m. to 12:00 p.m.

Digital Signal Processing (DSP) hardware and software solutions for Apple Macintosh NuBus computers.

1:00 p.m. to 2:30 p.m.

LabWindows® 2.0 software and AT Series GPIB and data acquisition solutions for IBM PC AT computers.

3:00 p.m. to 4:30 p.m.

VXI controller hardware and software including embedded VXI controllers, external (MXI) controllers and GPIB VXI.

Everyone is welcome to attend. For more information, please contact Bobby Varnell or Julie Kabler of National Instruments at (800) 433-3488 or (512) 794-0100.

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Youth soccer players continue competition

Showing skills and strategies learned from their volunteer coaches, players in the Naval Weapons Center Youth Soccer League played hard, competitive games before the holiday break. Only two more weeks of play are left in the season.

Division I

Cobras 0, Stallions 0

Neither team could slip past the other's defenses. The Cobras saw excellent plays from Michael Tanner and Alex Dubois, while the Stallions had strong support from Chad Collins, Kevin Spargo and Edward Kim.

Express 1, Aztecs 0

A goal by Ryan Kirkendoll slipped the Express into the winner's circle. Jared Zurn and Kurt Hennigan kept the Aztecs from scoring. Plays by Cain Cunningham, Brandon Deussenberry and Justin Dorrel showed the Express that the Aztecs were a formidable foe.



Division II

Whitecaps 4, Stallions 0

The Whitecaps crested in a victory due to two goals by Travis McGill and one each by Travis Ernst and Ryan Hennigan and defensive moves by Ryan Schofield, Jack Moran and Ryan King. Heidi Barney, Christopher Marshall, Norelle Shlanta and Anthony Walls played well in the loss.

Earthquakes 1, Vipers 0

Teamwork and outstanding efforts by Ted Inman, Ryan Crosscey and Anthony Segovia weren't enough for the Vipers. The Earthquakes did not turn in a score sheet.

Rockets 1, Sidewinders 0

The Rockets overcame the Sidewinders in one of the hardest fought games of the season, noted the Rockets' coach, who attributed the win to the outstanding efforts of Mailea Miller-Rhoads and Jonathan Parker. Brian Ford scored the game's only goal.

Division III

Cougars 3, Hornets 0

An assist by Doug Bowman and two goals by Willie Eichenberg and one by Chris Long, along with defensive plays by Doug Duckworth and Erik Johnson put the Cougars on top. In spite of the loss, the Hornets played a good game and had outstanding support from Andy Smith, Chris Lincombe and Kyle Owen.

Apollos 1, Tornados 1

In another hard fought game, neither team could get the advantage of the other. The Apollos had excellent plays by Feras Aby-Issa and Ryan Carpenter, along with a

goal by Sam Elson and an assist by Eric Bass. The Tornados saw good plays by Ben Nazeck and Greg Ford, good passing by Matt Bloshill and a goal by Tarek Giraldo.

Division IV

Eagles 3, Red Devils 1

Two goals by Heather Busby and one by Charles Curtis soared the Eagles to victory. Scott Giroux handled the ball well and Brett Thompson and Robert Bowman were credited with strong defensive efforts in the win. In spite of Justin Weidenkopf scoring the first goal of the game the Red Devils couldn't hold on to the lead.

Blue Devils 5, Goalbusters 0

Teamwork and three goals by Barret Edwards and two by Chris Maki gave the Blue Devils a commanding lead. Nolan Walker, Tony DeCarlo and Jason Hickie played well in the win. The Goalbusters couldn't seem to find the goal, despite efforts by Jesse Prather and Philip Belding.

Winter hours in place at NWC gym

Winter hours are now in affect for the Naval Weapons Center Gymnasium and Indoor Pool.

The gym will be open from 5:30 a.m. to 9:30 p.m. Monday through Friday, from 8 a.m. to 9:30 p.m. on Saturdays, and from 11 a.m. to 6 p.m. on Sundays and holidays.

The indoor pool will be open Monday through Friday from 5:30 to 7 a.m. and from 10 a.m. to 1 p.m. for lap swim and from 5 to 7 p.m. for limited lap swim. On Tuesdays, Wednesdays and Thursdays, Acquacize classes will be held from 9 to 10 a.m. and from 5:15 to 6:15 p.m. On Saturday and Sunday, the indoor pool will be open from 11 a.m. to

1 p.m. for lap swimming and from 1 to 4 p.m. for open swimming.

For more information about the gymnasium and indoor pool hours, call NWC ext. 6542.

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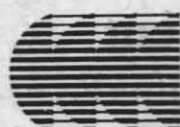
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MWR

Freddy's Place opens

Tomorrow, Friday, Nov. 15, Freddy's Place will open its doors and release the tantalizing smell of fresh-cooked pizza during its grand opening at 11 a.m.!

Open seven days a week, Freddy's Place, the Seafarer Club's new Sports Lounge, will be a place to relax, watch one of four different televisions, play video games, darts or pool, or eat freshly made pizza from 100 percent natural ingredients. The Sports Lounge will be open from 11 a.m. to 10 p.m., Sunday through Thursday, and from 11 a.m. to 11 p.m. on Friday and Saturday.

Stop by tomorrow and try a Freddy's pizza. Or, if you live on-Center, call NWC ext. 2581 and ask them to deliver!

Comedy Night set for Nov. 22

Get ready for some laughs as the Seafarer Club once again hosts Comedy Night. Three comedians who have appeared on Show Time and Evening at the Improv will tickle your funny bone on Friday, Nov. 22, starting around 8 p.m. Before the show, tickle your taste buds with a prime rib dinner, served starting at 6 p.m.

Tickets are \$7 for the show and \$7.95 for dinner.

For more information, call NWC ext. 2581.

Craftech visits Barstow mall

Once again, the Craftech Center is sponsoring a bus trip to Factory Merchants Outlet Mall in Barstow, Calif. Travel to the fabulous discount shopping mall on Nov. 16. The bus leaves Craftech at 8 a.m. and returns around 5 p.m. All travelers must be over 16 years of age. Space is limited to 49 people on a first-registered, first-accepted basis. Registration deadline is today, Nov. 14. Cost is \$8.50 per military and \$9.50 per DoD.

For further information, call NWC ext. 3252.

Start the week off with Sunday brunch at the Seafarer Club

Start your week off right! Sunday brunch at the Seafarer Club offers a variety of food from 10 a.m. to 1 p.m. Enjoy the club's new atmosphere and all you can eat!

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!

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Seafarer Club makes holiday cooking easy

Traditionally, the upcoming holidays mean family gatherings, good cheer and lots of home-made goodies! But, with more and more spouses in the work place, the time to bake is becoming limited.

This holiday season, China Lakers can enjoy freshly made baked goods through the Seafarer Club from Nov. 15 through Dec. 20. According to Fred Garcia, the club's manager, the items are made fresh each day. "That's why we need a 24-hour notice," he said.

Items which can be ordered, and their prices, are:

Cookies (variety) -- \$2.50 per dozen

Muffins (variety) -- \$3 per dozen

Holiday cupcakes -- \$3 per dozen

Hot croissants with butter & jelly -- \$5.50 per dozen

Nut Bread (loaf) -- \$2.75 each

Hot Fruit Pies -- \$6 each

Walnut Custard Pies -- \$7 each

Traditional pumpkin pies -- \$5 each.

When asked about taste, Garcia said, "I guarantee they taste good, just like home made!"

Start preparing your orders today! Call NWC ext. 2581 to place your holiday orders.



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Sports

Ogilvie wins mini-triathlon for third time

With the fastest individual time and a new course record of 1:59:10, Brian Ogilvie took the gold in the Naval Weapons Center Mini-Triathlon 1991. This is the third time Ogilvie has won this Morale, Welfare & Recreation-sponsored event.

The overall second place went to the E. Martin all male team consisting of swimmer Chris Stuart, cyclist Joe Buckley and runner Eric Martin with a time of 2:00:32. Third place overall went to another experienced male triathlete, Chip Keyes, who finished the course with a time of 2:06:32.

The women's race turned out to be an exciting battle between three very talented athletes. With a total time of 2:34:54, Caren Lemonnier crossed the finish line in first place. Michelle Bailey's time of 2:35:47 resulted in second place, while Melissa Parkinson took third place with a time of 2:42:20.

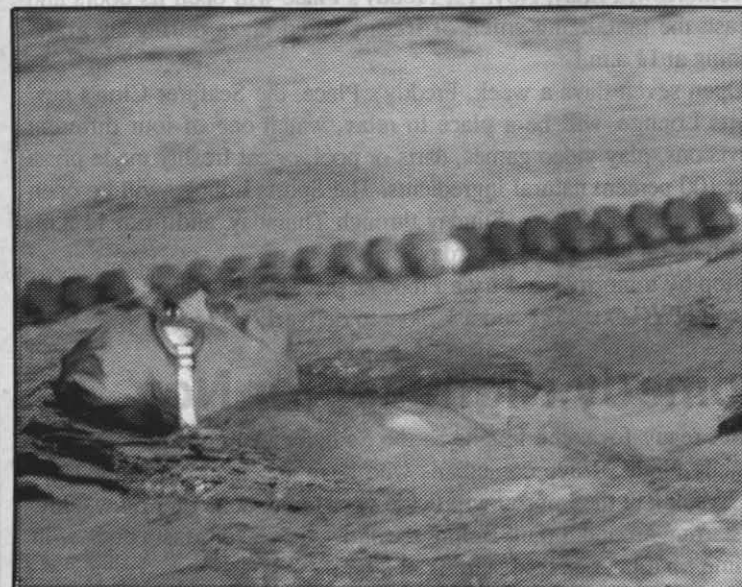
Although not a newcomer to the multi-sport arena, Ogilvie found the NWC course to be challenging, saying "There really is no such thing as an

easy triathlon."

According to Ogilvie, the temperature and thermal conditions were perfect for the event, and the day was determined to be both competitive and exciting for the athletes and spectators.

The swim portion of the event took place at the Indoor Pool instead of the Officers' Club pool as last year, but the half mile distance remained the same. "The swim proved to be a challenge for most," said Ogilvie, "but if it didn't break the spirit, then the bicycle and run could have."

This year's bicycle and run courses were changed from the ones used in the past, Ogilvie noted. The bicycle course was an extension of last year's, but two extra miles were added, making it an even 25 miles. The ride consisted of three laps with a small, but very distracting, climb up and around the south side of the CLPP gate. "Athletes had to mentally prepare themselves for the small climb," (Continued on Page 15)



HARD WORK — This contestant found the swimming portion harder than he thought.

Challenge offered to the military

Active duty military personnel are being challenged by the Naval Weapons Center's Sports Division staff to test their fitness! Can active duty military personnel work out 30 minutes or more 28 times within a seven-week period (Nov. 18 thru Jan. 5)?

Personnel who think they can beat this challenge must register at the NWC Gymnasium. Participants will receive a card with 28 marks on it. After each 30-minute, or longer, workout is held, the gym staff will punch one of the marks. At the end of the seven-week period, if all the marks are legally punched out, the participant will have beaten the challenge and receives a free, locally designed t-shirt showing his (or her) commitment to fitness.

For further information, call NWC ext. 6542.



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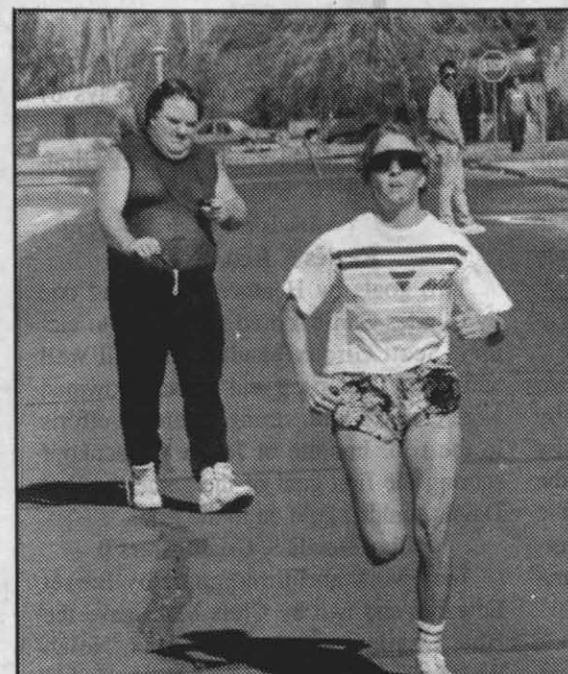
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Routes change, adding challenge



GIVING IT HER ALL — Caren Lemonnier's running skills help her win the race.

(Continued from Page 14)

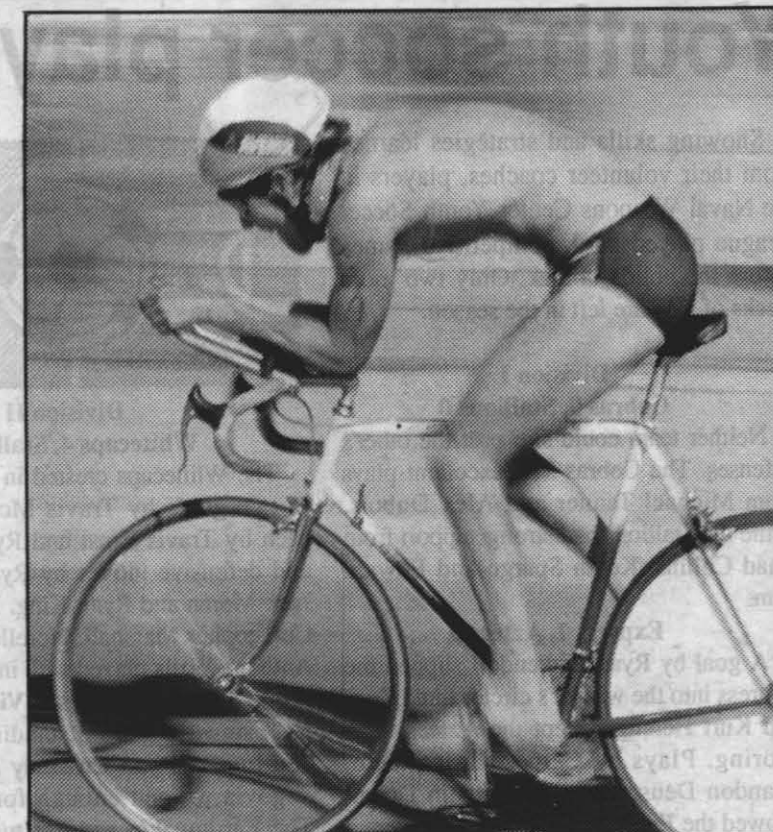
knowing they had to do it three times," Ogilvie said.

If the ride didn't prove to be demanding enough, they still had the 6.2 mile run course to complete. The run route was completely changed from last year's and proved to be much more difficult, Ogilvie explained. This year, the run was routed out around the golf course, over trails and sandy roads and up to the water tower before turning back. "Due to the dirt and sand (about 70 percent), and being the last leg, most athletes found out the hard way (if they didn't already know) what the triathlon is all about," Ogilvie chuckled.

MWR staff extends their thanks to all the volunteers who helped make this event successful. Special thanks go to Luan Nguyen, Tom Cody, Jack Schering, Eric and Jo Kajiwar, Frank Foust, Sherri Baker and the Cerro Coso Community College Cross Country team.

(Special thanks to Brian Ogilvie for contributing to this story.)

Photos by PH3 Cary Brady



WINNER — Brian Ogilvie sets new course record.

Registration is underway for NWC Youth Volleyball

Registration for Youth Volleyball at the Naval Weapons Center is now taking place at the Youth Center. Registration will continue through Dec. 15. The season begins Jan. 25 and runs through March 21. Games will be played on Saturdays, except holiday weekends. Practices will be held weekday evenings and shirts and knee pads will be provided.

Potential players may be interested in attending a free workshop introducing the sport and reviewing some of the skills of the game. The workshop will be held Saturday, Nov. 2, from 12:30

to 2:30 p.m. at the Youth Center.

Fees range from \$15 to \$22, depending upon the sponsors' rank, if in the military, or whether the sponsor is a Department of Defense employee or a private citizen.

A discount will be given to those who volunteer for coaching and assistant coaching positions. Referees are also needed.

A coaches and referees meeting will be held at 5 p.m. on Tuesday, Jan. 7, at the Youth Center.

For more information, call Gregg at NWC ext. 3097.

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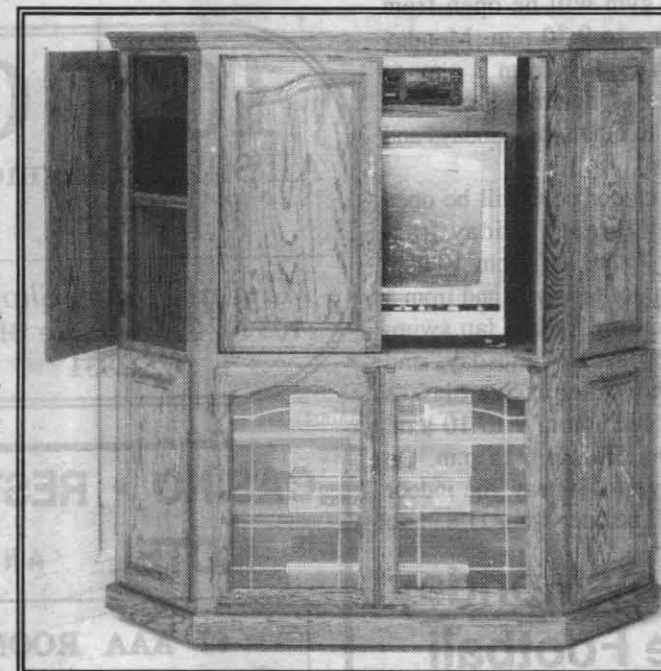
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