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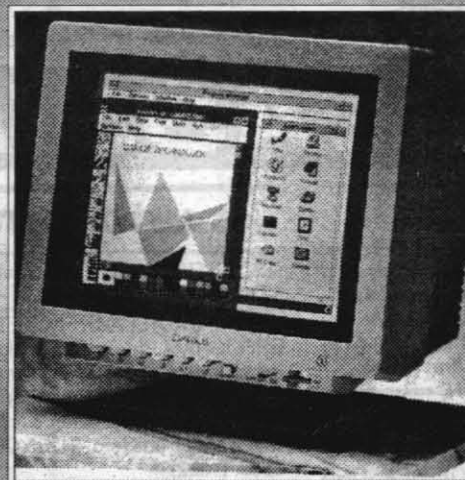
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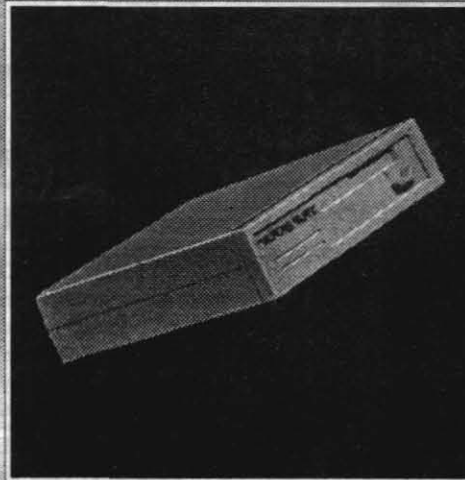
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THE ROCKETEER

THURSDAY, SEPTEMBER 24, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 38

Theme is more than just words to CFC coordinating committee

By Peggy Shoaf
Staff Writer

"Give the Gift of Hope" are more than just words to members of the Local Federal Coordinating Committee of the Indian Wells Valley Combined Federal Campaign. They define what their work is all about — giving the gift of hope, whether financial, material or emotional, to those in need.

With that in mind, the committee, comprised of federal employees, has been working hard the past few months to make this year's campaign, slated for Oct. 1 through Nov. 15, a success. Committee members from China Lake include Bob Huey, LFCC chairman and coordinator of this year's drive; Jean Johanbocke, NAWC member at large; Lt. Fred Butler, military liaison; and Fran Rugg, NAWC Public Affairs Office.

The Bureau of Land Management representative is Russ Miles, and the Post Office representative is Glen Griffith.

The LFCC contracts the local United Way as its Principal Combined Fund Organization. This local federation is tasked to support the CFC through training the key workers, supplying the materials and insuring all the monies and pledges are recorded and distributed according to the donor's preference. CFC is not a United Way campaign, Huey stressed.

One of the first steps in preparing for the annual campaign is to survey local agencies and review their requests to be part of the campaign, Huey said. Selections of this year's organizations, approved according to the rules set up by the Office of Personnel Management, were finalized in March by the LFCC. A list of national

Please see **CFC**, Page 6

Baby Brandon gets a heart

By Barry McDonald
Editor

The wait is over for AME2 Jim and Anne Melzark and their baby, Brandon, who got a new heart Monday.

Now another wait begins. Baby Brandon will remain at the neo-natal intensive care unit at Loma Linda University Medical Center, listed as critical, for four to six months to monitor him for signs of organ rejection. There is the risk that his body will see the new heart as a foreign object and his own immune system may attack it. Doctors are using immuno-suppressive drugs to combat that possibility.

Born with hypoplastic left heart July 16, he was kept alive at the neo-natal unit, using techniques pioneered at the medical center, until a donor heart was found Sunday in Los Angeles. According to Michelle Mount, a senior transplant coordinator with the

Southern California Organ Procurement Center (SCOPC) satellite office in Bakersfield, the donor infant died of birth complications. After being approached by another SCOPC coordinator, the parents decided to donate their child's organs. Because of the small size of the baby, just the heart and liver were placed, with the liver going to a recipient in Tennessee.

"In the 80s the federal government passed legislation that required hospitals to establish policies for identifying possible donors," Mount said. "And in the event of a death or imminent death the hospitals are legally required to approach the parents to let them know about the options for organ donation."

She explained that while hospitals contract with agencies such as SCOPC to locate donor organs, they also receive training from such agencies in how to approach the loved ones of the deceased. Many times, as was true in

Please see **BRANDON**, Page 5



Photo by Terry Pascarella

PHASE I COMPLETED—With the replacement of the NWC logo with the NAWC logo at Hangar 3 last Friday, Phase I of the sign changeover program is completed. Charles Roach and Fritz Klinger work in the basket to attach the sign painted by Dennis Medley, while Cecil Laing served as ground man. All four are from Code 2664 in Public Works. Johnson Controls' Ken Chitwood, Jim Carr and Roger Cline contributed to the effort as rigger, crane operator and truck driver, respectively.

**RAdm. Strohahl
addresses contractors**

NAWC boss discusses
future warfare center
belt tightening

2

**Promotions see a new
ensign, two new chiefs**

Sailors change uniforms
after separate
advancement rites

3

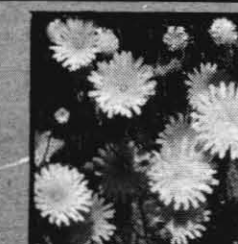
**TVIS offers programs
beginning Oct. 5**

Variety of tapes and
broadcasts will be
sent over FOTS

11

The Weather Report

	Max.	Min.	Gusts	Humidity
Wed	98	63	21	41-14%
Thurs	103	66	21	34-14%
Fri	98	59	12	47-16%
Sat	99	62	10	-
Sun	105	61	12	-
Mon	105	62	13	38-12%
Tues	104	65	13	41-15%



COMMENTARY

China Lake Calendar

Saturday, Sept. 26

• AIAA trip to Scaled Composites, meet at 7 a.m. in the old K-Mart parking lot

Monday, Sept. 28

• CFC Kickoff, Seafarer Club

Wednesday, Sept. 30

• IEEE Videoconference, Emerging Technologies, 9 a.m. to noon, China Lake Training Center

Thursday, Oct. 1

• Hail and Farewell, 6 p.m., NAWS Community Swimming Pool Patio

Saturday, Oct. 3

• China Lake Traithlong, 8 a.m., NAWS Gymnasium

Monday, Oct. 5

• Training Video Information System debuts

Saturday, Oct. 17

• Navy Birthday Ball, 6 p.m., Hangar 3, Naval Air Weapons Station China Lake

THE ROCKETEER

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DEPUTY COMMANDER

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RAdm. George Strohsahl addresses local contractors

Naval Air Warfare Center Commander, RAdm. George H. Strohsahl Jr., took time Tuesday to talk with local defense contractors during a guest luncheon appearance at the Seafarer Club.

"We are a full-spectrum organization," he stated, "taking aircraft systems and support systems through the full life cycle, from research to reality—or better known as 'cradle to grave.' With the warfare center, we have formed a single command which is site independent—nine sites are under the NAWC," he continued, "and we are learning to work closely together."

The admiral emphasized that we are and have been in an environment of change. These major drivers of change include the collapse of the Soviet empire, budget cuts, defense cutbacks, hiring freezes, Base Closure and Realignment Commission, jointness within the services, weak economy, an election year and environmental concerns. In this ever-changing atmosphere, "we must find a way to reduce redundancy," he stated.

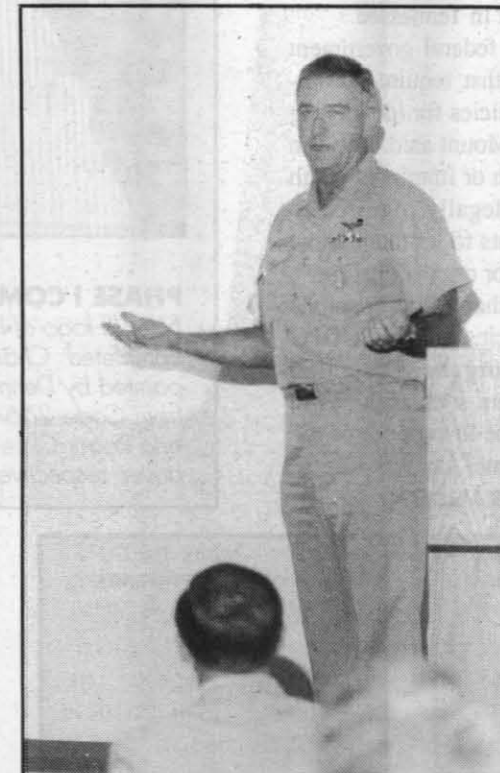
"The Naval Air Warfare Center and its divisions on the east and west coasts are key factors in the streamlining effort, noted the warfare center commander. "Manpower projections say that we should drawdown 20 percent over five years." We are effectively working toward that goal,

according to Admiral Strohsahl. Through attrition and in-house placement activities, we hope to avoid reductions in force and still maintain our core capabilities.

Industry plays a key role in the Department of Defense mission. "We just aren't capable of doing everything in-house," said Admiral Strohsahl. "We rely on our industry partners in many facets of our business, and we will continue to rely upon them. For the foreseeable future our ratios (for in-house work and work that is contracted out) will remain about the same as it was before we started the drawdown—that is Navy policy.

"None of us can predict the future," he continued. "We do know that we're going to get smaller. The original projection of reduction from a 600-ship to 460-ship Navy, the base force, is probably unaffordable. Whatever the ultimate decisions are, the supporting infrastructure and technical side will also have to take its cuts. That's why it's so important to work together—why we must have a plan."

The admiral believes the plan in place for the Naval Air Warfare Center and the Weapons and Aircraft Divisions is sound and workable. "In spite of changing winds, we have a solid plan based upon total quality leadership. We are prepared to make the hard decisions and to effectively support the future requirements of naval aviation," he concluded.



ENVIRONMENT of change is discussed by RAdm. George Strohsahl in meeting with local defense contractors last Friday at the Seafarer Club.

Photo by Terry Pascarella

Pages From The Past

September 24, 1982

Raymond Boss of the Ordnance Systems Department won the Technical Director's Award for his efforts on the Tomahawk Cruise Missile warhead. . . NWC scientists Glenn Roquemore and John Zellmer began an effort to map known earthquake faults on-Center. . . The annual CFC drive begins at China Lake next week. . . NWC Gold, led by Ken Dorrell, won the China Lake flag football title. . . Desert Flowers Chapter 125 of the Navy Wives Club welcomed a visit by the organization's national president.

September 22, 1972

Eight NWC employees were awarded fellowships for advanced professional studies. . . Joggers, hikers and walkers now have access to the west slope of "B" Mountain. . . Max Smith won his third consecutive China Lake Golf Club Championship. . . The China Lake Police Division moved to new quarters on Halsey Ave, just east of Lauritsen. . . WACOM members have planned a bus tour of NWC. . . Gabe Imer, special services director, said water lines at the golf course will be replaced. . . School enrollment is down 94 students.

September 21, 1962

Lieutenant Fred Wilson died in the crash of his F-9F at Armitage Field on Monday. He was on a routine training flight. . . The Navy announced NOTS is designated as the West Coast art center. . . Pop Lofinck began writing his "Sagebrush Philosophy" column for the Rocketeer. . . Seaman Jim Messner is the new Rocketeer sports reporter. . . Lorin L. Madsen of 44-B Stroop Ave. won the "Home Beautiful" award this week. . . Les Brown and his Band of Renown is coming to the CPO Club Sept. 28.

September 24, 1952

Last week's flying saucer near Mt. Whitney has been identified as a large high altitude balloon released by the Air Force in Colorado. . . Jack Warner of Inyokern heads the Community Chest board of directors. . . Winsor Josselyn was named Public Information Officer for NOTS. . . Graham Westmorland won a China Lake Photo Society contest. . . The Burroughs Adult School now has 1,089 students enrolled. . . NOTS had the winning Desert Empire Fair Parade entry.

COMMUNITY EVENTS

On Friday, Sept. 25, the China Lake Astronomy Society will hold a Star Party at their site south of Ridgcrest. Guests are invited to bring their own binoculars and telescopes, or to share with club members. Signs directing visitors to the party will be out at 7:30 p.m., with viewing starting about 8 p.m. For more information, call 375-3697 or 375-5681.

#

Final performances of "Hotel Hollywood" will take place Friday and Saturday, Sept. 25 and 26, in the Burroughs High School Multipurpose Room. Curtain time is 6:30 for this Community Light Opera and Theatre Association production of a musical tale of life in post-World War II tinseltown. From 5 to 6:15 p.m., a hot-dog supper, which includes hot dogs, sodas and popcorn will be offered at a nominal cost. General admission is \$5; students (through high school), senior citizens, active-duty military personnel and holders of CLOTA membership coupons, \$3. Advance tickets can be purchased at the Book-Let, Richer's Digital Audio, Ridgcrest Cleaners, and the Village Bookshelf. Tickets will also be available at the door on performance evenings.

#

Members of the Desert Community Orchestra and the Cerro Coso College Choir will present a free pops concert Saturday, Sept. 26, at 7:30 p.m. Directed by Debra Veit and Lois Ward, the program, entitled "This Land Is Your Land," will be held in the China Lake Pool bandstand area. A picnic of hamburgers, hot dogs, potato salad, baked beans, iced tea or coffee will be served on the Lanai from 5:30 to 7 p.m. Cost for the picnic is \$6 for adults and \$3.50 for children 12 and under.

#

Burroughs High School Band Boosters are sponsoring a free, yes free, car wash this Saturday, Sept. 26, at Collins Chevron, 301 N. China Lake Blvd., Ridgcrest. Band members have solicited pledges for a certain amount for each car they wash, but those who partake of the sudsing, can certainly feel free to donate to the cause, according to Janet Paisano, booster spokesperson. The car wash starts at 8 a.m. and will continue until 4 p.m.

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AUTOMOTIVE	35
MISC. FOR SALE	40
PETS & SUPPLIES	45
GARAGE SALES	50

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BACK TO SCHOOL SPECIAL for children ages 6-16. Valid until October 1, 1992. Two cavity detecting X-Rays, tooth cleaning & fluoride, \$25. Dr. Kirk Hoffner, DDS, 133 E. California, 375-3988 (0924)

5 LOST & FOUND

LOST CAT Grey & white w/green eyes. Lost on base near golf course 9/10. Call 446-7886, Anita or George. (0924)

WATCH FOUND on Ashworth & Hayward (on base) Fri. 11. Call to identify. 446-0449. (0924)

15 SERVICES/SCHOOLS

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20 RENTALS

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25 REAL ESTATE

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OPEN HOUSE - DAILY - Beautiful custom, quality built home. Cul-de-sac, 2 yrs. old, 3BR, 2BA, on 11,118 sq. ft. lot. Spa w/gazebo, fully concrete side yard access. Lots of trees, fruit trees, beautiful landscaping. Near new Gateway School and Upjohn Park. Need to sell immediately. 721 Beth Lane or call 375-4981. \$105,000. (0924)

35 AUTOMOTIVE

TOYOTA 20R TRANSMISSION. 5 speed, complete T/O bearing, new rear seal. Fits 79, 80 pickup. Needs rebuilt. \$48/OBO. See at Harpoon #32 (on base), ask for Kwan. (0924)

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1989 NISSAN SENTRA, automatic trans., pwr. steering, A/C, AM/FM cass. radio, \$5,400. 377-5058. (0924)

35 AUTOMOTIVE

DODGE RAMPAGE - 1982, auto. trans. \$2200 OBO. 446-2049. (1001)

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40 MISC. FOR SALE

KING SIZE WATERBED - padded rails, mirrored headboard, Sears mattress, good cond. \$250/OBO for all. 377-4419. (0924)

Queen size bookcase headboard w/frame very firm mattress & boxspring \$350; World Progress Encyclopedias, 5 yrs. old \$100. 446-7666. (1001)

3 PIECE SECTIONAL w/sofa sleeper, incliner loveseat & corner table \$750 OBO; 7 pc. dining room set, beautiful oak veneers, paid \$1300, asking \$900 OBO; Daybed style waterbed w/drawers & heater, black leather \$100. 446-2703 (1008)

SINGER FREE-ARM SEWING MACHINE WITH CABINET. Like new, has lots of different stitches and button-hole attachment. New \$350, now \$200 OBO. 446-3888. (1022)

UNISEX BABY BEDDING & LAMP for sale. Peach & blue w/rocking horses & teddy bears. Comforter, bumper pad, dust ruffle, rocking chair pad, matching lamp & wall hanging. Will sell as set or by piece. Make offer. 446-1901 anytime. (1022)

PISTOL - 9MM, high power, new in box, only \$325. 446-5633. (1001)

"Community Profiles," a special one hour public affairs program sponsored by KZIQ-AM radio, airs Saturdays at 9:05 a.m. Hosted by the Rev. Brent Williams, each program highlights the public life of a well-known community leader. Upcoming programs feature these guests: Capt. Craig, 9/26; Slim McWilliams, 10/3; Capt. Cook, 10/10 (planned); and Michael Mower, 10/17.

#

On Wednesday, Sept. 30, Cerro Coso Community College will present a three-hour seminar on "How to Bid on Government Contracts." The workshop, sponsored by the Weill Institute of Bakersfield College, Small Business Development Center, will be held in Room 229 at the college from 9 a.m. to noon. It will cover the sealed bid process, pricing, the proposal process, pre-award surveys and recent legislation. Prepaid registration, no later than two days prior to the seminar date, is required. Cost is \$20 per person.

#

Drummond Medical Group is offering a new weight management/exercise program. Enrollment is limited and appointments are required. To schedule an assessment appointment, call Lorraine Baty, R.D., at 446-5178. Deadline to enroll is Oct. 2.

Desert Empire Fair parade set for October 3

Ronald McDonald will be the Grand Marshall for the 1992 Desert Empire Fair Parade in Ridgcrest, set for 10 a.m. on Saturday, Oct. 3. Division Marshalls will be Capt. B.J. Craig, Commanding Officer, Naval Air Weapons Station China Lake; Mayor Kevin Corlett, City of Ridgcrest; and Jim Smith, North American Chemical, president of the Ridgcrest Chamber of Commerce.

This year the parade, with its theme of Family Fun, will start at Drummond Avenue, proceed south on China Lake Blvd. to Ridgcrest Blvd. It will turn east on Ridgcrest Blvd. and end at Gold Canyon Street.

Parade Day will open with the Ridgcrest Kiwanis Club presenting one of its famous Pancake Breakfasts at the Kern County Desert Regional Park at East Los Flores and French Street. Breakfast starts at 7:30 a.m.

At approximately 9:15 a.m., the parade route will be closed to through traffic and at 9:30 a.m., the Over The Hill Track Club will start its marathon at the corner of North China Lake Blvd. and Drummond. The runners will proceed south on China Lake Blvd. past Ridgcrest Blvd.

Following the parade, an awards ceremony will be held at the Kern County Desert Regional Park at the corner of French and East Los Flores streets, approximately 12:30 p.m. Many of the floats and parade entries will be available for viewing at the park.

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WINDOW DRAPES to fit window sizes: 42x60 inches, 60x84 inches, and 84x96 inches, insulated, natural and blue colors; mini-blinds for 40x60 inch windows, white and blue colors. 446-7805. Helen, 8 a.m.-9 p.m. (0924)

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POT BELLIED black & white mini registered M & F Piglets. Five @ \$250-\$600/each, 377-5807. (1022)

50 GARAGE SALES

GARAGE SALE: Saturday, 8-12, 1314 Ticonderoga. 30 gal. humidifier, 5 gal. gas containers, bicycle rack for car, stuffed animals, Tupperware novelties, wooden planter boxes, baskets, drapes, etc. (0924)

YARD SALE - Fishing poles, reels, air conditioner, tools, cameras, stereo amp & more. Fri. only 7 a.m.-12 p.m., 256 N. Broadway. (0924)

YARD AND PATIO SALE - Gigantic yard sale at 1104 S. McCall 8 a.m. to 5 p.m., Friday, Saturday and Sunday 25, 26, & 27 September. All items are "top shelf". Looking for something? We probably have it for sale. (0924)



VX-5 Photo

SHARING their championship trophy with CO, Capt. Garth Van Sickle, are some of the members of Team VX-5, ATC Pat Nisley, SM2 Greg Shattuck, YNSN Dustin Miller, AT3 Paul Atkinson, AZAN Shawn Richardson and AME1 (now AMEC) Miles Ernst. Team VX-5 became the reigning champs after defeating Team Vampire 20-13.

Fall colors enhance fishing spots

Leaves are starting to turn colors at Bridgeport and South Lake, notes a report from the Bishop Chamber of Commerce. Anglers can now enjoy fall colors as they take advantage of excellent fishing throughout the Eastern Sierra region.

In the Big Pine area, the Owens River is releasing catfish and crawdads, but the

browns aren't biting. Crickets are working for rainbows and anglers at Big Pine Creek are catching limits of pan-size fish by using Zigs super bait and salmon eggs.

At Bishop Creek and at the lakes, try green and yellow power bait, worms, salmon eggs, ant flies, superdupers and mosquito flies.

Team Vampire officers defeated by Team VX-5 enlisted personnel

Officers and enlisted personnel of the Air, Test and Evaluation Squadron Five, a tenant of the Naval Air Weapons Station China Lake, butted heads recently in a softball championship game. The officers of "Team Vampire" went down in defeat to the enlisted personnel of "Team VX-5" 20-13. On Sept. 14, the winners presented the first VX-5 Softball Championship trophy to Capt. Garth Van Sickle, VX-5's Commanding Officer.

The roster for Team VX-5, included NCC Mark Mize, AME1 (now AMEC) Miles Ernst, AO2 Michael Pendleton, AT2 Neil Denny, RM2 Chris Noble, ATE Anna Dewey, AMH3 Pete Purcell, ATE

Paul Atkinson, CPL Charles Munson, AN Darrel Alexander and ATAN Andrew Schelke. Other Team VX-5 players were ATC Pat Nisley, AK1 Michael Biehl, SM2 Greg Shattuck, AE2 Kevin Walsh, AO3 Robert Vrenick, AO3 Brett Rideout, AO3 Jon Petrowski, CPL Charles Dowdle, YNSN Dustin Miller, AZAN Shawn Richardson and YNSR Robert Beck.

"The enlisted and officer personnel of VX-5 will continue their tradition of good sportsmanship and solidarity at the conclusion of the softball season," said Maj. Frank Wilcott, Team Vampire's captain.

Point Mugu plans annual run/walk

On Sept. 26, Point Mugu will host its second annual Runway 10K/2-mile Fun Run/Walk.

All participants will receive a high-quality t-shirt and be eligible for the drawing of grandstand tickets for the Point Mugu Air Show, which is Oct. 10 through 11. The show will feature the Canadian "Snowbirds." The run is held each year to kick off the annual air show calendar of events.

Entry fee for the 10K run/race is \$15;

\$10 for the 2-mile fun run/walk.

This race offers an unusual chance for runners, wheelchair racers and walkers, civilian or military, to race on an entirely flat course; the runways and taxiways of the NAWS point Mugu airfield, said Lori Ketels, Point Mugu's Morale, Welfare and Recreation sports director.

Anyone interested in competing in either event can call the NAWS Fitness Center at (805) 989-8317 or (805) 989-7726 for more information.

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From dungarees to khakis

AW2 Amarel makes ensign under EDOP

By Peggy Shoaf
Staff Writer

Making a major military career move, AW2 James Amarel threw away his dungarees last Friday for khakis as he entered into the U.S. Naval Reserves officers' ranks as an ensign under the Engineering Duty Officer Program. Capt. B.J. Craig, Commanding Officer of the Naval Air Weapons Station China Lake, performed the swearing in duties during a special commissioning ceremony held in the NAWS Conference Room.

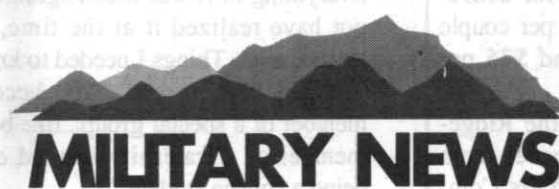
Watching the ceremony were Amarel's civilian co-workers from the Airbreathing Propulsion Branch of the Ordnance Systems Department Propulsion Systems Division, his wife, Toni, and a number of relatives, many of whom came in from out-of-state specifically for this occasion.

"This is a special day," Capt. Craig told the viewers. "This is probably one of the biggest steps in a man's career, whether it be a full-time active duty career or a reserve career. It is a transition from dungarees to khakis. We often see that transition to the chief petty officer community, but it is an especially big step when you take that step into the officers' ranks. It is an obligation, a responsibility, with core values to live up to."

Captain Craig noted that during this past year, the Navy's core values have been under attack by the press, particularly the Naval Aviation's core values due to the Tailhook scandal.

"Let me tell you that the core values are alive and well," the Commanding Officer said. "You see them standing in front of you. I guarantee you the core values in the Navy are solid and right and that we will get through the bad press we have had this past year. We are still very proud to be a part of it (Naval Aviation). If we weren't, he (Amarel) wouldn't be taking this step today."

"You will now be held accountable for enforcing or implementing these core values, and with leading by example," Capt. Craig told Amarel. "It's a big task. We in the Aviation Corps hold ourselves in a very high standard, a standard high-



er than we expect others to hold themselves to. I think it is critically important that we all recognize that as a responsibility we must live up to if Naval Aviation is to survive."

After swearing to perform the duties of an officer in the U.S. Naval Reserves to the best of his abilities, the necessary papers were signed, and Amarel became an ensign in the U.S. Naval Reserves.

Amarel entered the U.S. Navy in 1984 and attended boot camp the summer between his junior and senior year in high school. He attended weekend drills during his senior year and after graduation, went to Naval Air Station Pensacola, Fla., for aircrew candidate school and then to Tennessee for "A" School. Amarel said he then went to what is known as a "rag" school in Pennsylvania, where he received on-the-job-training. While

a reservist, he earned a bachelor of science degree in aerospace engineering from Cal Poly, San Luis Obispo.

During this time, he became a qualified acoustic operator aboard the P3-B aircraft while stationed at Naval Air Station Moffett Field in California. He later became a qualified acoustic operator and became seat position qualified aboard the PC-3

Photo by Terry Pascarella

ENTHUSIASTIC KUDOS are extended to Ens. James Amarel on his promotion by NAWS CO Capt. B.J. Craig

aircraft, thus earning his Naval Aircrewman designator.

"While earning my wings I still graduated cum laude from college," Amarel said proudly.

After graduating Cal Poly two years ago, Amarel joined the then-Naval Weapons Center team as a junior professional. As an aerospace engineer, Amarel said he is involved in designing, developing, testing and evaluated advanced air-breathing propulsion concepts for missiles. He is currently working on his master's degree in systems engineering through the California State University, Northridge, external degree program.

During the past two years, he has also been working on completing the Engineering Duty Officer Program process for the direct appointment and is very happy it has finally come through. "There were only 27 billets in the entire Navy," the newly-appointed ensign said happily, "and I got one!"



NAVY COUPLE—RMC Kathy Ernst, USNR, helped VX-5 CO Capt. Garth A. Van Sickle pin clover leaves on husband AMEC Miles P. Ernst.

Ernst, Peña make rate in steep chief sweepstakes

By Barry McDonald
Editor

Getting used to being called "chief" is a mild hardship both of China Lake's new chief petty officers will gladly suffer.

AOC (AW) Ruben Peña of the Naval Air Weapons Station China Lake Quality Assurance (QA) Office in the Aircraft Maintenance Division said, "I hear somebody say 'chief,' and I might ignore them. Then I realize they're talking to me."

"Most of my friends are used to calling me by my first name," said AMEC (AW) Miles P. Ernst, of the QA Division at Air Test and Evaluation Squadron Five (VX-5). "It's kind of awkward, but I'm going to my next station in October, and those people will always know me as 'chief.'"

He added that receiving calls at home for "Chief Ernst" is now a little awkward, since his wife, Kathy, is also a chief in the reserves. Now they have to ask, "Which one?"

Both new chiefs were awakened by 4 a.m. calls from their detailers in Washington, D.C., to give them the good news in July. They went through initiation and pinning ceremonies last Wednesday at the Seafarer Club. Both men were glad they

Please see **CHIEFS**, Page 4



MASTER CHIEFS Sunseri (left) and McCracken do the honors for AOC Ruben Peña.

'Burners' to play Ball

Set this year in Hangar 3, the Navy Birthday Ball, Oct. 17, will feature a guest speaker from Navy senior leadership and music by the "Burners."

The annual event is sponsored by the Military Affairs Committee of the Ridgecrest Chamber of Commerce. A social hour begins at 6 p.m. followed by dinner (petite filet and chicken), catered by the Carriage Inn, at 7 p.m. The traditional cake-cutting ceremony and the guest speaker will start at about

8:30 p.m. with dancing to the music of the "Burners" to follow.

All tickets are by advance sale only. Tickets are \$30 per couple for active-duty enlisted members, \$55 per couple for active-duty officers and \$75 per couple for civilians.

Tickets are available at the Ridgecrest Chamber of Commerce, from members of the Military Affairs Committee and at the NAWS China Lake Public Affairs Office.

Chapel
Call

Batsheva Gluckman
Student Rabbi

Rosh Hashanah and Yom Kippur

This season is a very busy time in the Jewish calendar. It is enough to keep any rabbi, ordained or student, on his/her toes with preparation since the holidays of Rosh Hashanah, Yom Kippur, Sukkot and Simchat Torah all fall within a matter of weeks. However, a rabbi is not alone to celebrate this cluster of holidays. Some find it the most meaningful time in the Jewish year while some cling to its content.

We begin with Rosh Hashanah, the New Year (Sept. 27-29), celebrating the birth of the world. Many of us who gather in the synagogue have not been together since the past year, and the mood is one of reunion. It is a reunion with God and with our community. As the service proceeds, participants are reminded of the ominous spirit of the Day of Judgment, Yom Kippur, that awaits ten days ahead. The New Year does not stand by itself. Its joy and celebration go hand in hand with introspection and humility; its happiness gives way to seriousness. We start to ask ourselves who are we and where have we been this past year?

In the ten days following Rosh Hashanah, it is a tradition to repair relationships that have been troublesome in the year that has come to an end. The goal is to find new beginnings with others and to "wipe the slate clean." If this process is successful and honest, one will be able then to stand in front of God on Yom Kippur, with only one part left to finish: a realignment with the spiritual self, Cheshbon HaNefesh.

Yom Kippur (Oct. 6-7) can be a cleansing experience, both spiritually and physically. It is tradition that one fasts so as to be thoughtful of the soul as opposed to the body. As one fasts, the intensity of the prayer experience is magnified by its unique feeling. At its close, literally when the *Gates of Repentance*, (the High Holiday prayerbooks) have been closed, the Yom Kippur fast is broken by its participants as a community which is a very appropriate end to the awesome atmosphere the congregation has fostered. Once again, a festive mood is in the air as the days pass to the next holiday, Sukkot, Oct. 11-18.



CHIEFS from Page 3

went through the initiation, which, while very common, is not required.

"Some people want to do away with initiation ceremonies," said Chief Ernst, "but I think it was very worthwhile. Everything in it was meaningful...I may not have realized it at the time, but I learned a lot. Things I needed to know."

Chief Peña agreed, "You become a member of a special group...like being a member of a fraternity instead of just being a college student."

In past years it was common on a base this size for 12 to 15 people to make chief. But due to the military drawdown only two made it this year.

In AOC Peña's case, in all of the Navy, only 10 aviation ordnancemen were rated as chiefs. For AMEC Ernst, only 21 other safety equipment mechanics made rate. They said they knew it was going to be tight this year, but they didn't expect it to be this tight.

"When I saw they were only going to select 10," Peña said, "I basically gave up hope, because I thought I knew of 15 or 20 people who were better qualified." Apparently the selection board didn't know those people.

Ernst said, "The odds are bad enough when you're competing with three or four hundred other people...but they get real bad when only 22 will make it."

Ernst, who came to VX-5 from Point Mugu in 1988, was selected as Vampire of the Year, which made him a candidate for the Navy League's Bluejacket of the Year competition earlier this year. He was also a nominee for 1992 Shore Sailor of the Year. He feels these accomplishments were the most important factors in his making chief this time around. Looking back over his record, reveals courses and duty assignments and supervisory roles that gave him the well-rounded experience the selection board is looking for.

He started his Navy career at China Lake in 1976, but left after three and a half years. After trying civilian life for awhile he rejoined the Navy in 1981, determined to give it at least 20 years. Making chief has been a major goal.

"It takes a couple of days to sink in," said AMEC Ernst. "Then you realize

you've reached the point that you've been fighting for for all these years."

Now he's looking toward senior chief and eventually master chief and, provided the next advancements come in the right time frame, he'll give the Navy more than 20 years.

Peña feels a wide range of education from various duties is what made him the highest ranked of the Navy's 10 new AO CPOs. He's had experience with F-14s, served as an instructor, had four sea tours and is now working with F/A-18s.

A career was not necessarily what he had in mind when he joined the Navy.

The chief laughed and said, "I was ready to get out after the first six months. But when I got to my first squadron and started meeting and working with good people and developed some close relationships, I decided to pursue it."

Making chief, he said, "is a happy feeling. It takes awhile for the shock to wear off."

He, too, is looking to the next step up the ladder. "Now it's kind of a family thing," he said. "I have a brother who retired from the Air Force and two from the Marine Corps, all of them higher than E-7. They're telling me to go for it."

Both looking sharp in their new khakis, it was obvious they were very proud of the new uniforms. One chief asked, "You do your own creases?"

"Yeah," the other chief answered. "I want to make sure they're done right."

KNID
Navy Channel 17
Monday - Friday, Sept. 28-Oct. 2
5:30 p.m.
Navy News This Week
6:00 p.m.
A History of Hope:
The Combined Federal Campaign
6:30 p.m.
"Choose A Friend,"
Adopting a Wild Horse
6:50 p.m.
Photo Lab Waste Treatment Facility
7:00 p.m.
History of the Seabees

All Faith Chapel Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday (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.

Jewish (446-4152 Messages)

All activities held in the East Wing
Weekly Services, Friday 7:30 p.m.
Hebrew Classes, Saturday (October thru June) 2:00 - 5:00 p.m.
Adult Education, Saturday (October thru June) 10:00 a.m. - noon
Religious School, Sunday (September thru June) 9:30 a.m. - 12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May) 10:15 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher
Adult Education Classes, Thursdays (September - May) 7:00 - 8:00 p.m.
St. Ann's School Library 8:15 - 9:45 p.m.
RCIA, St. Ann's School Library
Islamic
Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.

GOLF from Page 16

little extra, yet we are well below or competitively priced compared to the vast majority of good golf courses in the Western states."

The new fees, which follow, include prices for active duty and retired military personnel, Department of Defense employees and private citizens.

Daily, nine and 18 holes, respectively
E1-E3 — \$180 and \$272
E4-E6 — \$250 and \$450
E7-O3 — \$450 and \$700
O4 & above — \$475 and \$850
DoD — \$675 and \$1,050
Public — \$775 and \$1,175
WO & above — \$7 and \$9
DoD — \$8 and \$10
Public — \$9 and \$12
Youth (8 to 17 years of age) — \$3 and \$4.

A twilight fee, starting three hours prior to sunset is also being offered. This discount price is the nine-hole fee,

regardless of how many holes played.

The **annual fee** may be paid in three equal monthly payments (October, November and December). Patrons must pay in full prior to Dec. 31. Fees include single and family rates, respectively:

E1-E3 — \$180 and \$272
E4-E6 — \$250 and \$450
E7-O3 — \$450 and \$700
O4 & above — \$475 and \$850
DoD — \$675 and \$1,050
Public — \$775 and \$1,175

For a DoD employee who golfs an average of once a week (52 times a year), this breaks down to about \$13 a game; however, for a person who golfs 80 times a year, cost is less than \$8.50 a game. The more times a person plays, the more valuable an annual green fee is.

The **six-month green fee** also

includes single and family rates, respectively:

Military — one-half the annual fee
DoD — \$375 and \$625
Public — \$450 and \$675

There is a 10 percent senior citizen discount on the annual or semi-annual fees for those 55 years of age or older.

For golfers who would like to pay by the month, the **monthly fee**, which includes single and family rates, respectively, is:

Military — one-twelfth of the annual fee
DoD — \$80 and \$160
Other — \$100 and \$200

Locker rental is \$60 annually and ball machine rental is \$1.25 per bucket. Hand carts are \$1 each and club rental is \$4 for nine holes and \$8 for 18 holes. Fees

for gas carts have also been lowered and are now \$8 for nine holes and \$12 for 18 holes, or \$20 for all day.

Because of the new fee structure, fees will no longer be pro-rated, Page said. For example, if someone decides to purchase a membership in March, the annual membership is available, but would cost the same as it did in October. Therefore, it would be more advantageous for the person to purchase a six-month green fee or pay the monthly fee.

"Our main goal," Page said, "is to provide the best product for the lowest price. With these new fees, which provides something for everyone, I think we are accomplishing that. I look forward to seeing all our regular golfers, but also those new golfers who may now want to join us for a fun day."

Kung Fu Golf planned for 8- to 17-year-olds

Tom Page, manager of the China Lake Golf Course, and Seth Podell, Kung Fu San Soo instructor at the Naval Air Weapons Station China Lake, are teaming up to introduce their respective sports to children and youth (ages 8 to 17 years of age) of the Indian Wells Valley. Kung Fu Golf will be held every other Saturday from Oct. 10 to Nov. 21 from 10 a.m. to noon.

Exact dates are Oct. 10, 24, Nov. 7 and 21. Cost is \$40 per student.

Page, who is the local golf pro, will instruct the students on the rudiments of golf from 10 to 11 a.m. The class will then be taken over by Podell, a first degree black belt in San Soo, who will demonstrate the basics of Kung Fu San Soo. "This is a self-defense for street fighting class," Podell said. "There

is no competition, no sparring, just street tactics."

"We are doing this to get the kids interested in our sports," Page said. "It will give them a sample of what is available. Hopefully, they will continue either or both of the sports."

Registration for the class will be handled through the China Lake Golf Course Pro Shop, 939-2990.

All Navy wrestling season is underway

Preparations for the 1993 All Navy wrestling season are already underway. Any military personnel who would like to participate in a Navy wrestling team are urged to call Elaine Arnell, the Morale, Welfare & Recreation athletic director at the Naval Air Weapons Station China Lake, 939-2334.

Regional tournaments are coming soon and paperwork must be processed as soon as possible.

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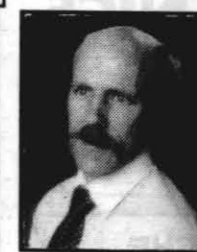
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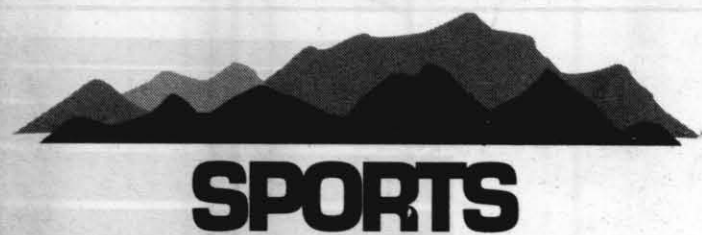


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SPORTS

China Lake Triathlon 1992 is set next Saturday, October 3

Volunteers and participants are still needed for annual event

Volunteers and participants are being sought for the 1992 Naval Air Weapons Station China Lake Triathlon set for Oct. 3. The triathlon includes a half-mile swim (32 lengths), a 25-mile bicycle race (10K) and a 6.2-mile run, with the events taking place in the order listed above.

Contestants will be placed in a heat based on their expected completion time. Heats will be posted at the NAWS Gym one week prior to the race. Heat times are 8, 8:30, 9, 9:30, 10, 10:30, 11 and 11:30 a.m.

Divisions will include men's and women's individual, broken into the following age groups: 18-29, 30-39, 40-49, 50-59, and 60 and over. Teams categories include mens, women's and mixed.

Entry fees are \$20 per person prior to

noon on Sept. 28. Fees for entries received after that time will be \$25. Checks should be made payable to MWR-REC and hand delivered to the NAWS Gymnasium. Both sides of the entry form (available from the gym) must be filled out and include the applicant's signature.

All participants will receive a free t-shirt, with individual awards going for first through third place in the individual division and for each person in the first place team in the Team Division. In addition, there will be an award given for "Best Overall Man" and "Best Overall Woman."

Entries are limited to 96 contestants.

People who are willing to donate their time to make this event a success are asked to call the Morale, Welfare & Recreation Sports Division at 939-2334.

China Lake Golf Course

New fees open wide range of opportunities to all golfers — whether sporadic or fanatic

By Peggy Shoaf
Staff Writer

Consolidating and revising the annual and green fees at the China Lake Golf Course onboard the Naval Air Weapons Station offer a wide range of opportunities for golfers in the Indian Wells Valley, noted Tom Page, the golf course manager/pro (PGA).

During the past year, golfers who paid an annual fee still had to pay a green fee every time they wanted to play golf. That \$1 or \$2 fee has been eliminated for those who purchase a China Lake Golf Course green fee.

People who often take advantage of the sunny skies and well-kept greens of the China Lake Course, will want to take advantage of the yearly fee, Page said. However, people who golf heavily only a few months of the year, say from May through October, would save money with a six-month green fee. Teachers, who have extra time on their hands during the summer months, might benefit from the

monthly green fees. Of course daily fees are still available for the sporadic golfer, or for those visiting the local area.

In fact, the daily fee is lower under the new fee structure than the 1992 structure, Page said. For example, the daily price for the public went down from \$20 to \$12. "The old daily fees were too high," Page said. "Under the new fee structure, we are trying to attract more people to come out and play golf. We need to concentrate on increasing play rather than the 'status quo' to make this course a paying success."

During the past year, monies raised by fees have improved the fairways and greens, purchased better and more efficient maintenance equipment and have enabled the Morale, Welfare & Recreation Department to enter into a new lease agreement for better golf carts. In addition, a major upgrade was accomplished inside the clubhouse's snackbar.

"The product has to equal the perceived value," Page said. "The excellent condition of our course makes it worth a

Please see **GOLF**, Page 17

BRANDON from Page 1

this instance, the agencies themselves discuss options with the surviving family members.

"Talking to the families is a very sensitive task—they're going through a tremendously tragic situation," Mount said. "And they donate for two reasons—first, to help make some sense out of a senseless situation and second, to prevent another family from going through what they are experiencing."

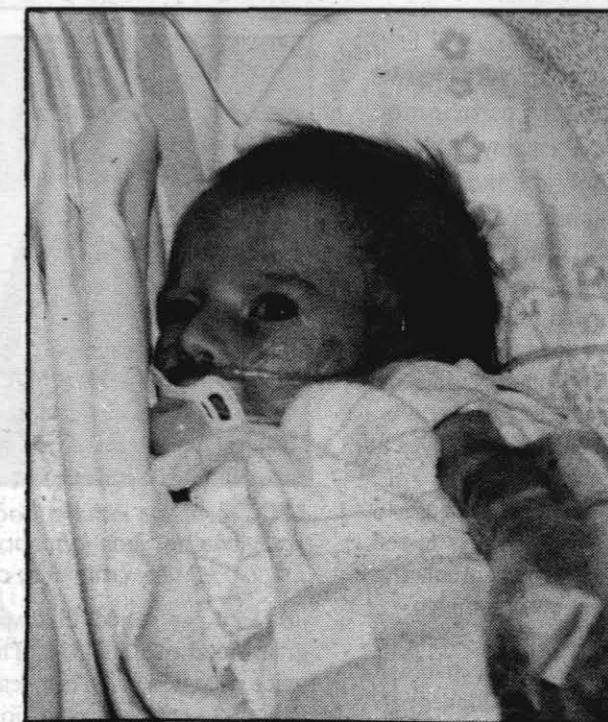
While it is very rare and essentially against policy for donor and recipient families to communicate directly, Mount said the agencies work as a liaison between them. "Donor families really appreciate receiving information on how the recipient is doing. So we try to keep them updated. Sometimes we get calls from them years later, and we research the recipient's progress and get back to them," she said.

While SCOPC and other agencies are networked with a national computer service of a federal non-profit agency in Richmond, Va., that acts as a clearinghouse for matching donors and recipients, they try to take care of local needs first. But she said, Loma Linda Medical Center has gone after donor organs by jet aircraft as far away as Canada and the eastern United States.

A front page article in the *Bakersfield Californian*, Tuesday, quoted mother Anne Melzark as saying, "He looked beautiful when they brought him out (after the five-hour operation), better than ever. He was so much pinker than before. It was wonderful, and it was definitely my son under all those tubes and wires."

Loma Linda reported Tuesday afternoon that Baby Brandon was recovering very well from the surgery.

Don Henderson, president of Fleet Reserve Association Branch 95, which started the Brandon Melzark Heart Fund, says they expect the medical costs to go over \$800,000. While CHAMPUS will cover a lot of the



Brandon Melzark

costs, there are certain costs that will only be partially covered.

To date over \$4,100 has been raised by private donations and from fund raisers by the Eagles Lodge, the VFW, the Elks Lodge, the Moose Lodge and the Protestant Women of the NAWS Chapel.

The China Lake Police and Fire Divisions are planning a benefit bake sale Oct. 2 and 3 at the Navy Exchange, and a bowling tournament will be held Nov. 7 at Sierra Lanes in Ridgecrest.

Private donations can be sent to the Brandon Melzark Heart Fund, care of Henderson, P.O. Box 1621, Ridgecrest, CA 93555.

SECNAV nixes 'MACS FAX'

By Lt. R.J. Hatley
JAG

Many codes aboard the Naval Air Weapons Station China Lake received a "MACS FAX" from the Ridgecrest McDonald's in the guardmail, Monday, Sept. 21. The fax announced the availability of a fax service for ordering breakfast, lunch or dinner. Though it is a convenience, military and civilian personnel are advised that they are prohibited by the Standards of Conduct from using fax machines to order meals.

Secretary of the Navy Instruction (SECNAVINST) 5370.21, Chapter IX, Rule 901a, provides that naval personnel, both military and civilian, shall not "directly or indirectly use...or allow the use...of government property [or] facilities...including property leased to the government, for other than official government business or purposes." Consequently, use of a government owned or leased fax machine to order food from McDonald's, or any other restaurant for that matter, is forbidden.

All personnel are reminded that they have an hour lunch period in the Compressed Work Schedule. While not perfect, this period has been deemed sufficient to allow personnel time to go off base, eat and return. Violations of Rule 901a are punishable in accordance with the Uniform Code of Military Justice for military personnel and is the basis for appropriate disciplinary action with respect to civilian employees.

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SyQuest 88MB disk cartridge #SQ800 Farallon Appletalk connector #PN308 CD-ROM internal, IBM, complete; drive, controller, cable & interesting CD-ROM #PCD-100 controller for all Bernoulli drives: Mac ctr #S0700337-Mac-1B; IBM ctr #S0700479
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CFC from Page 1

organizations and federations included in the local campaign have been received directly from OPM.

Another step is to compile a list of objectives. The committee's objectives for this year are to 1) contact 100 percent of the federal employees in the valley, 2) increase participation from 33 percent toward the national participation rate of 53 percent and 3) to provide meaningful assistance to national and local charitable organizations.

To meet the first objective, the committee is planning an extensive training session on Sept. 28 for all the key workers, instead of just department key workers. This way, everyone can receive the same information, Huey said. Loaned executives are another way the committee hopes to meet its first objective. Loaned executives, such as Kathryn Jenkins and Dave Iband, will personally assist with the training, communication and coordination of the campaign and presentations.

Meeting the first objective will help the committee meet its second objective — that of increasing the participation rate among the federal employees. "CFC is a program for military and Department of Defense employees, alike," Huey said. "It is limited to federal employees only, and is not part of the local community annual fund-raiser. It is the only time federal employees, as a group, are asked to donate money to help the less fortunate," Huey added.

Another way to meet the objectives is to have weekly stories appear in *The Rocketeer* throughout the campaign in an effort to bring an awareness to the federal employees of how much the money is needed and how it will help.

Of course if the committee meets its second objective, the third objective will automatically be met. With a higher participation rate, this year's campaign would provide meaningful assistance to charitable organizations.

"There are 6,492 federal employees in the area," Huey said. "If 60 percent gave



LFCC members include (back row, l to r) Russ Miles, Glen Griffith, Mary Cozzucoli, Pat McAuliffe, Jean Johanboeke, Lt. Fred Butler; (front row, l to r) Michele McNealy, Kathryn Jenkins, Fran Rugg and Bob Huey.

just \$5 a pay period, that would mean a grand total of \$506,376. That's almost twice what was given last year, \$277,000 with a 33 percent participation rate."

One of the major changes the LFCC has initiated this year is a process for preventing and reporting coercive means to get employees, whether civilian or military, to donate. "The regulations

assures everyone the free choice to contribute or not contribute," Huey said. "Employees who feel they are being coerced to donate are urged to call me at 939-6473."

Huey asks all China Lakers to seriously consider participating in this year's drive, especially since the need is so great. Give the gift of hope.

Rear Admiral Newman, NAWCWPNS Commander, supports CFC

The time is approaching for the annual Combined Federal Campaign. In this year of change, both globally and here at home, there are many in need of help, and Federal employees are given this once-a-year opportunity to make a

difference by 'giving the gift of hope.'

I support these efforts and want to encourage all federal employees to give to the agencies and federations of their choice. In turn, should the need arise, the support is there for our employees.

Right now, there are people in need and crisis, across this valley and across the oceans. As Federal employees, this is our chance to put forth the extra effort that may truly make a difference in someone's life. I know you will all join

with me in giving the 1992 campaign our best effort!

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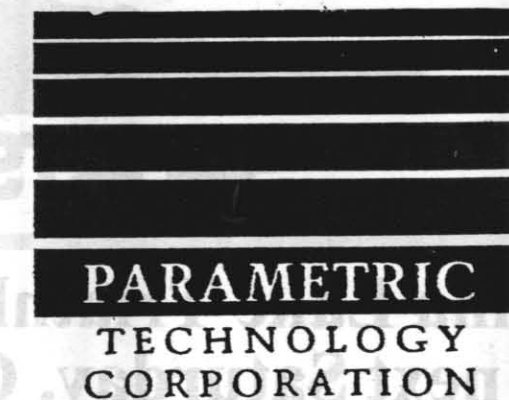
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Morning Session
8:30 a.m. to 12 p.m.

Afternoon Session
1:00 p.m. to 4:30 p.m.

Agenda:

- 8:30 - Continental Breakfast
- 8:45 - Cadence and Parametric Technology Overview Presentation
- 9:00 - Allegro PCB to Pro/Engineer Mechanical Integration Demo
- 9:15 - PTC: Pro Engineer Introductory Demo CDS: Analog Workbench Demo
- 10:00 - PTC: Harness Design/Cable Routing CDS: Allegro "Correct By Design" Demo
- 10:30 - PTC: Sheet Metal Layout CDS: Viable "Reliability Analysis" Demo
- 11:00 - PTC: Manufacturing Demo CDS: Power VHDL Demo
- 11:30 - PTC: Complex Surface Design Demo CDS: Top-Down FPGA, PLD and ASIC Design
- 12:00 - Buffet Luncheon
- 1:00 - Afternoon Session (Repeat of Morning Agenda)

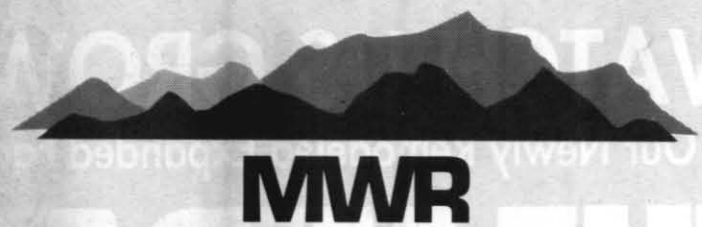
Location: Carriage Inn

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John McGinnis
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Craftech starts doll class Oct. 5

Instructor Mary Burchett is gearing up for another Doll Class at the Craftech Center onboard the Naval Air Weapons Station China Lake. The class, which is five to six sessions, starts Oct. 5 and will be held Mondays and Wednesdays from 5:30 to 7:30 p.m.

The class fee is \$30, which includes instructions and firings. The cost for the doll (greenware) is extra and varies upon the doll selection. A catalog of dolls

available for selection is at Craftech. The greenware must be ordered as soon as possible to ensure arrival before the start of the class.

Both the greenware and class fees must be paid prior to the start of the class.

Tools and china paint will be available for class use for an additional \$3.

The Craftech Center, 939-3252, is located on the corner of Richmond Road

Party Bingo held every Tuesday night

Party Bingo will be held at the Seafarer Club every Tuesday at 6:30 p.m. Come down and enjoy the fast-paced action, invites the Morale, Welfare & Recreation

Seafarer Club's dining area is now reopened

Hot daily specials, deli-sandwiches and an extended soup and salad bar are just a few of the items now available at

staff. Cost is \$10 per Bingo pack, or \$1 per game. A no-host bar and snacks will be available. Cash prizes will be determined by the number of players.

the Seafarer Club's newly reopened dining area. To learn what the daily special is each day, call 939-8658.

New boat, trailer fees in effect

New boat and trailer fees are now in effect, reads a report from the Naval Air Weapons Station Morale, Welfare &

Recreation Department at China Lake. To reserve a boat, call 939-6542.

The new fees are as follows:

	Boats, boat-pull trailer fees for 1993			
	Daily	Weekend	7 Days	30 Days
E1-E3	\$3.00	\$10	\$20	\$120
E4-E6	3.50	11	21	130
E7-E9	4.50	12	22	135
01-03/WO	6.00	13	23	140
04 & Up	9.00	18	25	185
DoD	11.00	20	30	225
Contractors	12.00	22	33	250

Retired military personnel will be charged the fee at the rate at which they retired.

Magic Mountain salutes the military

Military Fun Days at Six Flags Magic Mountain are Oct. 3, 4, 10, 11, 17, 18, 24, 25, 31, Nov. 1, 7, 8, 9, 14, 15, 21, 22 and 26-29. During these days, military and DoD civilian personnel can save nearly 50 percent on general use tickets. The specially discounted tickets, available at the Craftech Center onboard the Naval Air Weapons Station China Lake,

are \$13 each, a \$12 savings.

Six Flags Magic Mountain visitors can enjoy a variety of roller coasters and rides, including the Viper, Psychone, Log Jammer, Colossus, Freefall, Ninja, Revolution and Roaring Rapids.

For information on other discount tickets available at Craftech, call 939-3252.

Sato Travel keeps office open on flex Fridays

Sato Travel, located in Bennington Plaza, is open from 9 a.m. to 5 p.m., Monday through Friday, including flex Fridays.

Sato Travel offers a wide variety of travel packages that can fit almost any budget. For more information, call 446-7751.

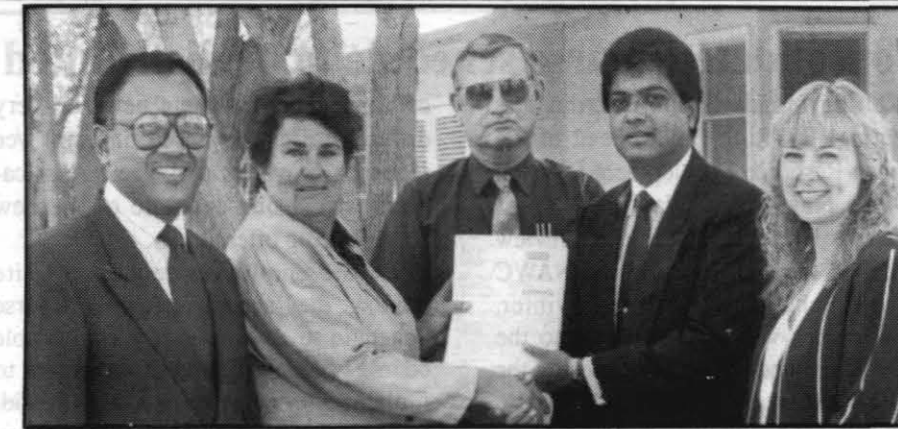


Photo by Terry Pascorella

CONTRACT AWARDED — Contract specialist Dell Hledik congratulates Dr. Birendra Dutt, president of the Research & Development Laboratories, on his company being awarded an \$18.3 million contract to operate and maintain mechanical and electronic equipment at China Lake. Adding their congratulations are Glen Constantino, contracting officer with the U.S. Small Business Administration; Bill Van Buren, contracting officer technical representative; and Pam Lochhead, small business specialist from the NAWCWPNS Small Business Program Office.

Culver City company receives \$18.3 million contract under SBA program

Research & Development Laboratories, of Culver City, was recently awarded an \$18.3 million contract to operate and maintain mechanical and electronic equipment at the China Lake site of the Naval Air Warfare Center Weapons Division.

The contract award was made under the Small Business Administration program that directs federal procurement work to small firms owned by socially and economically disadvantaged business persons, a program known as 8(a), noted Lois Herrington, NAWCWPNS

deputy for small business.

These certified firms may stay in this program for a maximum period of nine years, Herrington explained. Executive Resources, the incumbent contractor, is a graduate of this program.

The firm won out in the competitive bidding process against five other potential contractors who qualified under the Small Business Administration guidelines, Herrington said.

During the past year, NAWCWPNS has awarded approximately \$38 million to small disadvantaged businesses.

Association plans annual safety show for Fire Prevention Week

Most people are fortunate that Fire Prevention Week, Oct. 4 through 10, brings to mind only a faint memory of some cow that may have caused a fire in Chicago a long time ago. But for those who have had a loved one killed by fire, or have had precious possessions and years of memories burned, Fire Prevention Week takes on a different meaning.

"If I had only..." the victims mutter. If I had only changed the battery in the smoke detector, my baby would be alive today. If I had only paid more attention to the french fries I was cooking, my two children would not be suffering in a burn center. If I had only remembered not to leave my cigarette lighter on the coffee table, my son would be turning five today. If I had only kept my son-in-law from removing that smoke alarm, we would be celebrating our daughter's 22nd birthday tomorrow.

During Fire Prevention Week, all of us should heed what firemen try to teach us about fire hazards.

The week emphasizes the importance of preventing fires.

Members of the High Desert Fire Prevention Association plan on empha-

sizing that importance to the school-age children in the Indian Wells Valley. On Oct. 6 and 7, the association will hold its annual safety show at the China Lake Theatre. Children from local schools will be able to watch Smarty and Marty talk about fire safety and see a skit that emphasizes the importance of fire safety. The show begins at 10 a.m.

Take this opportunity to review your fire-safety practices. Exercise your home-escape plan commonly known as EDITH, which stands for Exit Drills In The Home. If you don't have a plan, develop one. Test all your smoke detectors; if any of them are not working, repair or replace them. Also, if you have a two-story home, install detectors on both floors. Teach your children not to play with cigarette lighters or matches. Before going to bed, make it a habit to check the kitchen stove to make sure no one left any burners on.

Ross Davidson, fire prevention Chief at the Naval Air Weapons Station, China Lake, can teach China Lake residents and employees more about fire safety. Call him at 939-2146 and learn how to keep you, your family and coworkers safe from fires.

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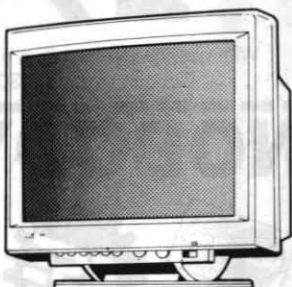
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Ideas Column

By Bruce MacIntosh
IDEAS Office

The good IDEAS continue to roll in. We've received seven new IDEAS in the past few weeks covering everything from telephone listings to personnel databases. So take a look and see if they help you think of better ways to do things.

If you have a question or need any information about the IDEAS process talk to your advocate or call us, we'd be glad to talk with you, too. You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS."

These are the new IDEAS that were submitted:

No. 487, Telephone Directory Functional Listing, Eugenia Schneider, Code 3193, proposes that a functional listing be added to the new phone directory. (The telephone office says that a new comprehensive phone book is now in the making and will include this and other features.)

No. 488, Lights in Michelson Lab Parking Lot, Ruth Rudeen, Code 36401, suggests that more lights be placed in the Michelson Lab parking lots.

No. 489, Color Coded Guard Mail

Good IDEAS continue to roll in

Envelopes, Steven Rainey, Code 3143, suggests that guard mail envelopes be color coded so that China Lake and Point Mugu mail can be more easily sorted.

No. 490, Reorganizing Base Code Directory, Fred Booth, Code 81, proposes that the NAWCWPNS code directory be subdivided into sections for each activity. This would make it easier to find local phone numbers at each location.

No. 491, Skills and Facilities Database, Larry Jenkins, Code 3293, suggests that a skills/facilities database be developed to help managers determine what employee skills and facilities are available.

No. 492, Traffic Officer, Charles Goff, Code 35, suggests that a traffic officer be placed at the Knox and Blandy intersection during the morning, lunch and evening rush to direct traffic and reduce the congestion.

No. 493, Signs for Airfield Snack Bar, Edward Russell, Code 6133, asks that signs be placed to assist visitors and new people in finding the new NEX Snack Bar.

Consolidated course schedule to be distributed

During Monday's Site Coordinators Meeting, Dr. Ruth Boyle, head of the Human Resource Development Division of the Naval Air Warfare Center Weapons Division, distributed preview copies of the first consolidated NAWC Course Schedule for fall and winter. Final copies will be distributed to the Point Mugu and China Lake sites by the end of this week, noted Vicki Munro, associate head of the training division.

Not only does the booklet contain classes intended for use by employees from all four sites, but the new course enrollment form, which is shorter and simpler to complete than the old training form, NAVWPNCEN 12410/73, Munro said. The training form will be distributed to department offices the same time as the new schedules, she said. Since this form is a test sample, it is not available at Telmart.

"Training specialists at both sites worked very hard to achieve the most cost-effective and mission relevant offerings in the schedule," Munro said. "You

can expect to see some new and very different offerings based on employee requests. Wavelets and Their Applications is just one example of the new courses being offered."

Before employees request off-site training, they should review the Course Schedule to determine if a comparable course is being offered at either site to further achieve cost savings, Munro said.

"This training catalog offers every NAWCWPNS employee the opportunity to explore new concepts and technologies in many areas, including state-of-the-art engineering, executive, management and supervisory development, business administration computer education and trades," said RADM. William E. Newman, NAWC Commander, in the schedule's forward. "With our current global challenges, driven by political, economic and scientific/technical events, new opportunities and challenges abound. I invite every manager, supervisor and employee to accept the challenge and develop yourself to your fullest potential."

Planned power outage set for Armitage Field

Electric power will be secured at Armitage Field, from 7 a.m. through 4 p.m. Saturday, Sept. 26.

Employees are asked to secure all equipment or computers (ADP) located

in work areas that could be damaged by the action.

Any questions on this action should be directed to the Airfield Facilities manager, Code 61023, 939-5032.

Wellness Corner

By Betty Miller
Wellness Program coordinator

Blood draw

Only four more days are left to participate in the annual fall blood draw sponsored by the Wellness Program.

Appointments may be made via computer by connecting to the SCFC VAX and typing in WELLNESS at both the "username" and "password" prompts. Or, appointments may be made by calling the Wellness Program Office, 939-2468. Just leave a message, leaving your name, code, phone number and the date, location and time you prefer. Appointments may be made from 6:45 to 8:30 a.m., with walk-ins from 8:30 to 9 a.m. on the remaining dates.

Sept. 29 — Michelson Lab, "Little D" Conference Room

Sept. 30 — Michelson Lab, "Little D" Conference Room

Oct. 1 — Michelson Lab, "Little D" Conference Room

Oct. 2 — Training Center

China Lake Challenge

Start preparing because the China Lake Challenge is rapidly approaching. There will be a softball tournament on Oct. 17; team rosters are due the 13th. The swimming events are the evening of the 28th, sign ups due the 23rd. Rollerskating will be on the 29th, and the Challenge is 1 p.m. on the 31st at

Blood draw comes to an end, plans proceed for China Lake Challenge

the Burroughs High School Track and Field. Events scheduled for the 31st include: Coordination Course, Hoop Shoot, Jump Rope, Mile Run, People Walk, Push Ups, ReRun, Soccer Course, Target Golf, Tug of War (rosters due the 26th).

The China Lake Challenge provides all employees at the China Lake site of the Naval Air Warfare Center Weapons Division, employees of the Naval Air Weapons Station China Lake and employees of participating contracting companies, as well as their family members, an opportunity to experience physical activity, improve their health and feel good about themselves and their departments/companies. The challenge is actually intended to encourage people to participate in physical activity for the joy of moving. A key to the challenge is that it is a fun event that the whole family can enjoy together.

This program is intended to include people at all activity levels, and so the challenge offers an event for every level of fitness. It is a friendly interaction of work groups at China Lake.

Volunteers and event sponsors are still needed. To volunteer, call the Wellness Program Office, 939-2468. Watch *The Rocketeer* for further details.

Metal Trade Council hosts 'free' picnic for wage grade employees

Members of the Naval Air Weapons Station China Lake Metal Trade Council and affiliates are hosting a "free" picnic to all wage grade employees at China Lake and their families Saturday, Sept. 26. The picnic, being held at the King Street Park (next to the old Chief Petty Officer Club, now known as the

Conference Center), will start at 11 a.m. Hamburgers, hot dogs, chips, sodas and garnish will be provided. Entertainment will include volleyball and horse-shoe throwing.

For more information, call Mike at 375-1097 or James at 371-1491 after normal working hours.

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Compu Chatter

By Johnny Kessler

Key Server evaluated

Administration of the Key Server system is relatively easy. Only the basic knowledge of how the system works is needed to maintain trouble-free operation. The administrator's tasks include maintaining the log of applications, distributing copies of Key Server applications (normal applications that have been converted for use with the system) and purging the system of "dead" reservations (caused by a user's system crashing while using an application). Once the system is established, maintenance will be minimal.

Most of the applications on the market are legal on systems such as this. The most important feature of Key Server is allowing only a specified number of users to access an application at one time. Thus, unlicensed copies of software packages will be controlled. However, some applications are not compati-

ble. All Key Server applications are copies of the original applications with a few alterations (to make them operate under the system properly). Applications that cannot be altered in any way should not be used with this software. Virus detection software resists alterations and alerts user if its own application has been changed in any way. All of the virus detection software that was tested with the system would not operate because of the alterations. Although File Maker operated under Key Server, the application displayed a message indicating a virus had infected the application.

The amount of network traffic has not been officially measured when Key Server is in use, although there should not be much. The only time that network traffic is generated is when a user launches an application, reserves an application or closes an application.

AIAA sponsors trip to Scaled Composites

Members of the American Institute of Aeronautics and Astronautics are sponsoring a trip to Scaled Composites in Mojave this Saturday, Sept. 26. This is the company that created the Voyager.

People interested in the trip are asked to meet at the old K-Mart parking lot at 7 a.m. The bus will leave at 7:30 a.m.

For reservations, call Rodney at 939-8990 or Alex at 927-2895.

Emerging technologies is topic for the IEEE videoconference Sept. 30

"Emerging Technologies: Will Your Company Be Ready?" is the subject of the IEEE videoconference set for Wednesday, Sept. 30, at the Training Center located onboard the Naval Air Weapons Station China Lake. Registration will be taken from 8:30 to 9 a.m., followed by the videoconference, scheduled for 9 a.m. to noon.

Emerging technologies present new opportunities — and risks. Knowing how computer aids can and will be used is certain to change the way people plan their research and design their products if they want to remain competitive. This new industrial revolution through information technology can save time and money, offer greater flexibility and variety in product design, and help bring products more rapidly to market.

During the videoconference, after an introduction and overview, a panel will describe and discuss three aspects of computer aids — small (microcircuits), large (factories) and man-in-the-system technologies. The three points of discussion will cover computer aids in engineering and design, computer assisted agile manufacturing, and computer aids to visualizing situations, including people interactions through "virtual reality," with applications for

business, education, the battlefield and others. Panelists will illustrate with actual examples and discuss potential applications.

The course, designed for engineers, technical managers, designers, professionals, scientists and students, has three objectives. The first objective is to cover how computer aids will revolutionize the work place when "virtual reality" brings developing situations to life. The second objective is to discuss the many applications of "virtual reality" in design, education, training, medicine, entertainment, economics and manufacturing. The final objective is to show the audience actual video demonstrations that will illustrate how these computer aids can be used.

Cost for this event is \$3 for IEEE or Computer Society members and \$5 for non-members. To preregister, send your name and title, organization, address, work/home phone numbers, IEEE member number and amount paid to Ed Brann, 637 W. Wildrose, Ridgecrest, CA 93555. Checks and money orders should be made out to IEEE.

To learn more about IEEE or the videoconference, call Brann at 499-5100 during working hours or 375-1126 after working hours.

NAWCWPNS/NAWS Officers' Hail and Farewell scheduled for October 1; Western chili cook-off contest highlights event

Lasso a great time at the Western Chili Cookoff and Naval Air Warfare Center Weapons Division/Naval Air Weapons Station Officers' Hail and Farewell, invites members of the Marine Aviation Detachment, host of the event. The fun starts at 6 p.m. on Thursday, Oct. 1, at the Community Patio (outside of the Barefoot Bar).

Say hello to Capt. John and Nancy Chenevey, LCDr. Richard and Jalene Martin, Lt. Gary and Susan McClelland and CWO2 Tom and Debbie Wangler,

and say goodbye to Lt. Barry and Dawn Cocciano, Lt. Doug and Ellisa Tunison and Lt. Brian and Helen Abel.

CWO2 Wangler, coordinator of the event, challenges all department and directorates to see which one can make the best chili. Will members of the Aircraft Weapons System Directorate make the best, or will the Land Ranges, SID or the Weapons directorates' employees be given the award for the best chili? What about employees from NAWS or the Medical and Dental clinics? Wangler

feels, personally, mind you, that members of the Marine Aviation Detachment will make the best chili, but is prepared to be pleasantly surprised.

Challengers need to register with Wangler at 939-6601 by Sept. 28.

The Hail and Farewell is for all military officers and their DoD civilian counterparts (GS-9 and above).

Additional awards will be given for the best and most interesting western hat.

Married couple whose last names begin with A through M are asked to

bring a salad, while those who have last names beginning with N through Z are asked to bring a dessert. People who are single are asked to bring chips and dip.

"This is a good time to say goodbye to our outgoing military personnel, while at the same time, welcoming just arriving military personnel to the China Lake family," Wangler said. "I hope military officers and civilian personnel (GS-9 and above) will get involved and give these military members a great bon voyage and warm welcome."

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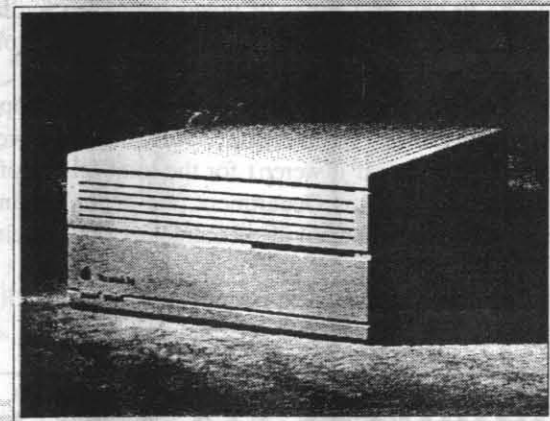
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Dr. Jean Bennett receives honorary doctorate from Mount Holyoke College

By Barry McDonald
Editor

When she graduated summa cum laude from Mount Holyoke College in South Hadley, Mass., in 1951, Jean McPherson (Bennett), felt left out when she saw there was no special endowment award for physics achievement. She resolved that, when she was able, she would make such an endowment. Since 1968, the Bennett Prize for excellence in physics has been bestowed annually upon a deserving student or students.

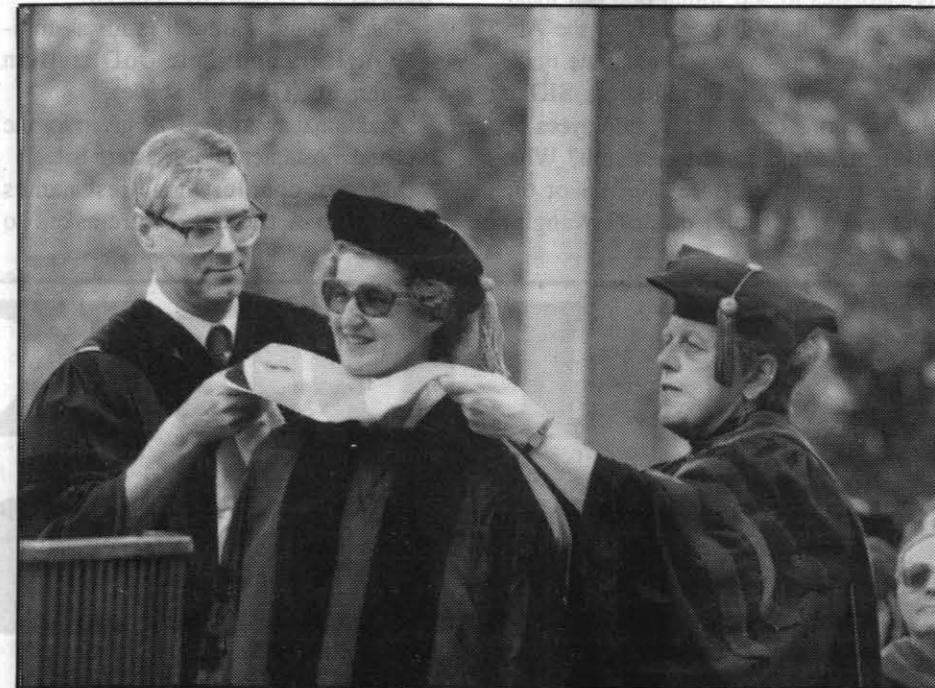
For this and all of her many accomplishments in optical physics, an honorary degree of doctor of science was conferred on her at the 1992 commencement ceremonies at Mount Holyoke on May 24.

After her undergraduate graduation, she went on to Pennsylvania State University, where she earned her master's degree and later became the first woman to receive a Ph.D. in physics from Penn State.

She first worked at Wright Air Development Center, in Dayton, Ohio, before coming to work at the Naval Ordnance Test Station, China Lake, in 1956.

The citation accompanying the honorary degree notes that Bennett and her

co-workers were first to verify that the speed of light is independent of wavelength in accordance with Einstein's Special Theory of Relativity and to demonstrate the agreement between the theory and the experimental infrared optical properties of good conductors.



DOCTOR OF SCIENCE—Jean Bennett receiving her doctor's hood with Howard Nicholson, Physics Department, left and a faculty marshal, right.

Bennett's expertise in the measurement of optical properties of surfaces and thin films has led to three patents. She has written more than 80 journal articles and lectured around the world. She has served as a member of the Board of Governors of the American Institute of Physics, as a member of the

United States National Committee for the International Commission of Optics, on various committees of the Optical Society of America, on its Board of Directors and was the OSA's first woman president in 1986. She received the society's David Richardson Medal in 1990.

In 1988 she received the L.T.E. Thompson Award and in 1989 she was named a Senior Naval Weapons Center Fellow. That same year with Lars Mattson she authored an "Introduction to Surface Roughness and Scattering." She has recently completed editing a reprint of the book "Surface Finish and Its Measurement."

In closing the citation, Mount Holyoke President Elizabeth T. Kennan wrote, "In the field of experimental physics, in which fewer than five of every one hundred professionals are women, you continue to show aspiring women scientists what is possible though numerically improbable. Encourager of young women interested in physics, particularly at Mount Holyoke where you have established the Bennett Prize for excellence in physics, you help insure that women will occupy their rightful place among future generations of physicists."

China Lake's Law Enforcement Facility receives a facelift

By Peggy Shoaf
Staff Writer

Taking a 50-year-old building and modernizing it not only gave the Law Enforcement Physical Security Division at China Lake room for its basic day-to-day functions, but room for expansion in the future, noted Don Cortichiato, division head, and Jim Adams, head of the Training Branch. After more than 15 months of "sitting in everybody else's laps" during the renovation period, division personnel are back home in the newly remodeled Law Enforcement Facility, also known as the Police Station.

The modernized facility now boasts of an addition,

which holds both men's and women's locker, shower and changing areas; a public restroom; an improved Communication Center; air conditioning; a larger records section; and a lounge/lunch area.

The main change, Adams noted, was the reorganization of already existing space. Office spaces became more uniformed and wasted space was eliminated.

"In my mind, the biggest improvements are the locker areas and the Communication Center," Cortichiato said. Previously, the building had a men's locker room, but did not have one for the division's female officers. They had to use a restroom that didn't have showers or a changing area.

Improvements to the division's Communication Center were made with an eye toward the future, Cortichiato said. "Before, the dispatcher used to work in a 6 x 12, square-foot space, practically a closet," he explained. The new space is 652 square feet.

"The Communication Center is the heart of our (emergency service) operation," Cortichiato said. "And with that in mind, we are currently working on combining the communications of both the fire and police operations, with all the equipment in one space. Simultaneously, we will be bringing in the alarm monitoring

function. So, there is a consolidation effort we will be able to accomplish because of the modernized facility."

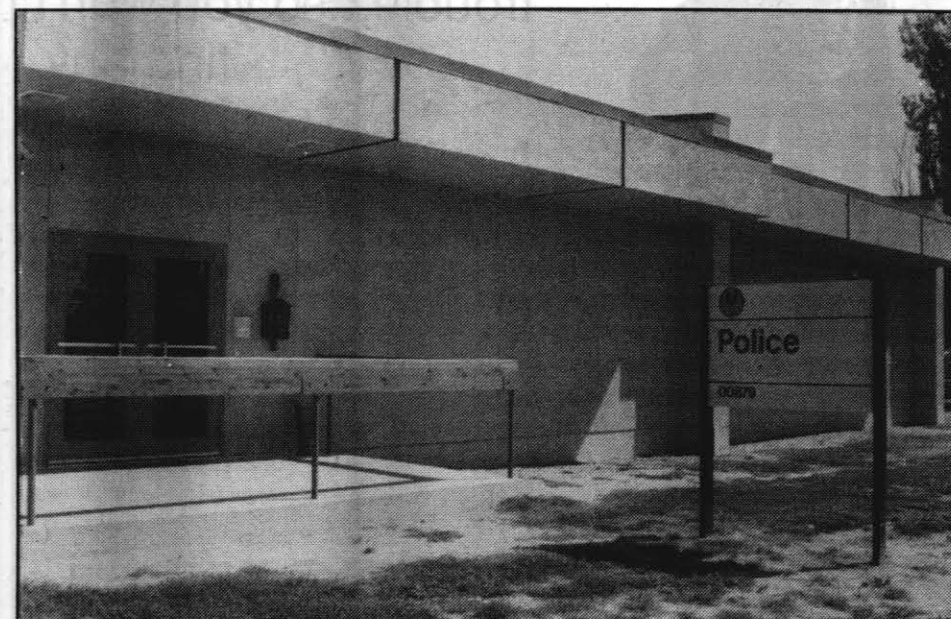
Cortichiato noted the entire building had to be totally gutted to be renovated. "It was originally a Navy brig and concrete throughout," he explained. "That means the exterior walls were 10 to 12 inches thick and the cubicles in the middle of the building were old cells, also made of concrete. The cells had to be jackhammered and torn out. We kept two, one for a cell and one for evidence. While we are not a brig, we could hold somebody if necessary."

During the renovation, Cortichiato noted that while removing stucco around the men's restroom containing a shower, construction workers found an observation window. "Apparently, that was where the prisoners used to take showers," he said. The observation window is no more.

Another improvement includes the eradication of the cockroach population which used to haunt the old facility. Adams noted once the damp crawlspace under the building was filled in, the cockroach problem disappeared.

But one of the most important features of the modernized building is the room for expansion, noted Cortichiato. Eventually, he would like to see another addition to the facility for the Emergency Operations Center (EOC) and a property storage room. The current EOC is located in a small office located on King Street behind the Police Station. Moving the EOC function to the Law Enforcement Facility would provide workers a better access to resources available in the combined Dispatch (Communication) Center, Cortichiato said.

"The space (in the modernized facility) is now more adaptable to what it is needed for, now and in the future," Cortichiato said.



MODERNIZATION is reflected outside the Law Enforcement Facility.

Training Video Information System debuts on FOTS Oct. 5

By Barry McDonald
Editor

Going on-line for preliminary testing the first day of Desert Storm, China Lake's Training Video Information System (TVIS) is still in a developmental phase, according to TVIS Manager Bill Bethke. But it will start its first regularly scheduled programming with the rebroadcast of programs taped from the Computer Channel (see story this page) and other programs on Oct. 5.

The idea of broadcasting educational programming is not new to China Lake. Various courses from California State University, Chico, have been picked from satellite and rebroadcast within the Training Center since the mid-80s. The decision to build a Fiber Optics Trunk System (FOTS) throughout the Station, however, opened the door for broadcasting such courses and other programming to remote sites on Station.

In November 1990, the Training Center installed the equipment—tapes decks, monitors and switching devices—necessary to start up the system, and plans were made for the locations of the remote sites.

Now 16 conference rooms are equipped with monitors and TVIS receiving boxes, much like a regular cable television box. Locations range from Armitage Field and SNORT to Salt Wells and the Electronic Combat Range (also known as Echo Range) and various main site locations. Additional sites, including the Headquarters Building and the Naval Air Weapons Station Conferencing Center (old CPO Club), are expected to be on-line in the next two months.

The original fixed-mount, CSUC-receiving satellite dish at the east end of the Training Center has been replaced with two movable-mount dishes that can pick up any Ku and C Band satellite broadcasts receivable in the Northern Hemisphere. A Video Commander touch-screen programmer has been added to easily control a 32-in/32-out switcher.

"We're still in the rudimentary stages of the project," said Bethke. "We're going to start out slow to get a feel



Photo by Terry Pascarella

MASTER CONTROL—Bill Bethke, TVIS manager, stands before the system's broadcast center. Monitor at lower center-left is not "Jeopardy" game show; it's the Video Commander touch-screen master controller.

for what the viewers want. We'll just use Channel 3 for initial programming and then branch out. Our current capability is four channels, but down the road we may add channels."

Bethke explained that in addition to the Computer Channel programs, viewers will be able to see stress management and other tapes from the Wellness Office, videos on TQM and other management topics and "the Macintosh Hour," which will feature Mac Academy courses.

A "Call Per View" catalog will be available soon, that will list some 250 tapes on hand at the TVIS office. Groups or individuals who have access to a TVIS site and want to view a particular program can call Bethke, or his assistant, Tammy Berry, and request a showing for a certain time. Provided there are no scheduling conflicts, the show will air.

TVIS also intends to rebroadcast programming from the Navy's Cable Channel 17, KNID, and the two entities will share resources and capabilities.

With a dish and receiver donated by Code 32, Cable News Network will be broadcast during working hours over one of the TVIS channels, beginning in the next two months.

The TVIS "head end" room is also equipped with a character generator that will be used to list upcoming training courses and the system's program schedule.

Another service of the TVIS office is to tape "special interest" satellite programs that may be useful for groups on Station. They currently tape training courses from three networks that are then used for training in the China Lake Police and Fire Departments. They hope to expand this service to other groups and organizations. If an organization learns of a satellite broadcast that might benefit the group, Bethke said, the office will arrange to tape it or broadcast it live into a Training Center classroom or over a TVIS channel.

As a service to the community, the office is currently cooperating with the Ridgecrest Chamber of Commerce to receive "America 2000" broadcasts and air them in a Training Center room to interested community leaders and business people.

Next Wednesday, Sept. 30, the TVIS office will participate in one of a series of videoconference seminars hosted by the Institute of Electrical and Electronics Engineers (IEEE).

"Getting this system established was a true cooperative team effort," Bethke said. "We wouldn't have all these capabilities if it weren't for the joint efforts of the Information Systems Department, the Technical Information Department and video contractors from Boeing."

Beginning with the next issue, *The Rocketeer* will run a weekly schedule of TVIS programming.

Computer Channel broadcasts available to employees via TVIS

Satellite broadcasts of the Computer Channel (CCI) will soon be distributed over the Fiber Optic Trunk System (FOTS) owing to the Information Systems Department's recent subscription to CCI. Broadcasts received by the Training Center's Training Video Information System (TVIS) will be available for live and taped rebroadcast viewing at various conference rooms with FOTS video capability across the Station, beginning Oct. 5.

For those who don't have access to one of the 16 FOTS-equipped conference rooms, the TVIS Office has reserved Michelson Laboratory Room 1000 "Little D" during the hours that CCI will be broadcast. A room will be made available daily in the Training Center for all TVIS broadcasts.

CCI is dedicated exclusively to the development, production and satellite distribution of televised education programs for the information systems community. Top industry experts present their knowledge, opinions

and insights on the most pressing and current technology topics in four formats.

Seminar

Information system (I/S) professionals receive insights and opinions from experts in a broad variety of subject matter in the "Seminar" programs. Taped interviews and commentary by leading-edge users are also broadcast. Topics include project management, customer service, internal consulting, CASE, System Development Methods, Expert Systems, Distributed Computing and Client-Server Architectures.

Analysis/Advice

Each month CCI presents "The Month in Review," a one-hour program on the key events in the industry. The first segment, "Industry Analysis," analyzes major events and provides an assessment of key product announcements, new technologies, vendor strategies. The second segment, "Executive Briefings," provides concise summaries on several key topics.

Industry Forums

Key trends and technologies are examined in "Industry Forums." Consisting of lecture segments combined with panel discussions, CCI Forums feature spontaneous, candid group discussions with well-known industry opinion leaders.

Technical Lectures

Topics such as Advanced Peer-to-Peer Communications (LU6.2), Common User Access (CUA), CICS, Graphical User Interfaces (GUIs) EDI, DCE and others are addressed in the Technical Lectures series.

CCI programs are videotaped and maintained at the Learning Center (Training Center Room 101). Programs are available for later viewing at the employees convenience either at the Training Center or by rebroadcast over the TVIS/FOTS by using the TVIS "Call per View" service. Call per View can be arranged for any TVIS/FOTS video location by calling Tammy Berry or Bill Bethke at 939-2451 or 939-0877.

PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the 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 highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 12355-2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive status 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 Air Warfare Center, Weapons Division 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 as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and serving Civilian Personnel Office before a final command. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAWPNCINIST 12762.2, 14 Dec 90)

MERIT PROMOTION

No. 15-004, Materials Handler, WG-6907-5/7, Code 151 (C8501). This position is located in the Weapons Department, Magazine Operations Division, China Lake, Ca. The incumbent will perform duties involving the receiving, shipping, storing, issuing, and transporting of ammunition/explosives and components. The major duties and responsibilities of the incumbent include operating equipment such as electric and diesel forklifts and trucks up to and including 10 tons; inspecting cargo and shipping documents to insure material is properly marked, stenciled, labeled, tagged, and sealed; assisting in loading and unloading ammunition and explosives transported in or out of the magazine area; assisting in the upkeep and cleanliness of all magazines as well as periodically inventory and rearrange the magazines. Applicants should possess a knowledge of ordnance, be able to identify safety hazards, and be able to operate trucks and special vehicles. **Job-Related Criteria:** Ability to do the work of the position without more than normal supervision; skill in use of material handling equipment and techniques; ability to interpret instructions, documents, etc.; knowledge of ordnance and explosives; dexterity and safety. Full performance level is WG-7. A Supplemental Qualifications Statement is required when applying for this position and may be obtained in the Human Resources Department. Permanent change of duty station (PCS) is not authorized. This ad opens on 18 September 1992 and closes on 2 October 1992.

No. 19-007, Operations Clerk, DG-303-A, Code 192. This position is located in the Youth Activities Division of the Morale, Welfare and Recreation Department. The incumbent will be responsible for answering questions concerning all Youth Center services/events. Handle new memberships for youth activities and youth programs registration. Maintain accounts receivable/billing and end of the month billing for a variety of accounts for the Youth Center. Collects money for patrons and prepare various monthly reports. Assists in the preparation of all youth sports leagues. Performs other related clerical and lower level administrative duties as required. Experience in operating a personal computer is desirable. **Job-Related Criteria:** Skill in

operating a cash register; ability to follow instructions; ability to deal with people effectively; ability to organize workload. Full performance is at the DG-A level. **Previous applicants need not reapply.**

No. C25-001 Supervisory Interdisciplinary General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist, DP-801/830/850/855/861/1310/1515/1520/1550-3/4, Code 36251 (C25251). This position is that of Head, Strike Warfare Analysis Section in the Missile Guidance Branch, Systems Engineering Division, Engineering Department. The section conducts analysis of strike and anti-surface weapons performance requirements. The incumbent will be responsible for the management, supervision, administration and leadership of the section and for significant technical duties. Extensive travel is required. **Job-Related Criteria:** Knowledge of strike and anti-surface warfare weapons, delivery systems, operations and testing; knowledge of strike analysis methods; knowledge of missile guidance; ability to plan, organize, coordinate and manage a technical program; knowledge of affirmative action principles, including a willingness to implement EEO practices; ability to communicate in writing. Incumbent must be able to obtain and maintain a Top Secret Clearance. The individual selected for this position will be subject to urinalysis testing for the use of illicit drugs. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. The selectee may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. **Previous applicants who applied to 36-010 need not reapply.** This ad closes 9 October 1992.

No. 32-008, Physical Scientist, DP-1301-2, Code 3211. This position is located in the Propellant Technology Branch, Energetic Materials Division, Ordnance Systems Department. The incumbent performs the chemical formulation of propellants, explosives, and pyrotechnics. In addition to the preparation and mixing of experimental compositions, the responsibilities include supporting scale up efforts, locating and purchasing of ingredients, dealing with vendors and outside sources for spe-

cialized materials, coordinating work goals and schedules, budgeting and tracking expenditures. In the process of the production of experimental compositions, the responsibilities include planning and coordinating relevant testing and evaluating test results. Further responsibilities include writing and reviewing Standard Operating Procedures (SOPs) for ordnance operations, submitting new material requests (Code 32 New Materials Committee), preparing documentation to acquire shipping clearances for experimental compositions and reporting periodic progress both orally and in writing. The incumbent must be able to write and present formal papers on the assigned work, originate, develop, plan and defend proposals for new work and represent the Center as a technical expert in propellant formulation and related efforts. **Job-Related Criteria:** Knowledge of chemical properties of ingredients and their mixtures; knowledge of propellant and explosives cure chemistry; knowledge of safe procedures for handling propellants and explosives; ability to safely process energetic materials to the 1-pint level; ability to communicate orally; ability to communicate in writing; ability to deal effectively with all levels of personnel. Full performance level is DP-3. PCS is not authorized. This ad opens on 18 September 1992 and closes 2 October 1992.

No. 34-029, Supervisory Technical Publications Writer/Editor (PS&E), DP-1083-3, Code 3411. This position is located in the Technical Information Department, Publications/Graphics Division, Publications Branch. The incumbent is responsible for writing and editing technical and administrative reports, articles, and brochures in addition to supervising a small staff. Incumbent coordinates phases of the publication process, identifies publications requirements in support of RDT&E and Command for the NAWCWPNS and works closely with the Publications Program Office. **Job-Related Criteria:** Knowledge of publication techniques; knowledge of grammar; ability to write and edit technical material using specialized skills; ability to supervise and provide leadership; ability to implement and administer management policies; ability and willingness to support NAWC EEO policies and goals; and the ability to communicate both orally and in writing. Incumbent may have to serve a 1-year supervisory probationary period. Full performance level is DP-3. Permanent change of station (PCS) expenses are not authorized. This ad will close 9 October 1992.

No. 39-020, Supervisory Interdisciplinary (Civil/Mechanical/Electrical/Aerospace Engineer/Physical Scientist/Physicist), DP-810/830/850/861/1301/1310-3/4, Code 39B8. This position is that of Deputy Manager, Sparrow Project Office. It is located in the Intercept Weapons Department, Weapons Directorate, China Lake site. The Sparrow Project Office is responsible for oversight of all technical aspects of the Sparrow Missile Program including: Conceptual design; engineering development; transition to production; production support; test and evaluation; test equipment; logistics; and in-service engineering. The incumbent will perform in a supervisory role, performing technical as well as administrative duties. In the absence of the Project Director, the Deputy will perform a full range of managerial duties including being the primary point of contact for NAVAIR and NAVSEA sponsors. The position oversees all activities at both the China Lake and Point Mugu sites. **Job-Related Criteria:** Knowledge of Air-to-Air and Surface-to-Air missile technology; knowledge of production support; knowledge of test equipment and logistics; knowledge of personnel policies and procedures; knowledge and understanding of DoD 5000 series and the acquisitions process, the consolidation of NAWC and the role of the Project Office; ability to interface effectively with all levels of NAWC management, program offices, Systems Command customers and contractors; ability to lead; ability to communicate effectively both orally and in writing;

and the ability to support NAWC. Weapons Division EEO policies. Incumbent may have to serve a 1-year supervisory probationary period. Promotion potential to the DP-4 level, but not guaranteed. Permanent change of station (PCS) expenses are not authorized. This ad will close 9 October 1992.

No. 39-021, Supervisory Interdisciplinary (Electronics/General Engineer/Physicist/Computer Scientist/Mathematician), DP-801/855/1310/1520/1550-3/4, Code 3943. This position is Head, Advanced Signal Processing Branch, Electro-Optics Guidance Division Intercept Weapons Department. The incumbent manages and provides technical direction for the design, analysis, test and subsystems for use in anti-air missiles. The branch provides electro-optical signal processing ability technology for NAWC, Weapons Division. **Job-Related Criteria:** Knowledge and demonstrated understanding of the electro-optical signal processing discipline; ability to perform design, analysis, test and evaluation of electro-optics guidance and target acquisition subsystems for use in anti-air missiles; ability to coordinate/negotiate with Center, Navy, DOD and contractor organizations in defining technical and management objectives and controlling/reporting progress; ability to supervise an interdisciplinary professional work force; ability to communicate both orally and in writing; and the ability and willingness to support NAWC EEO policies and goals. Incumbent may have to serve a 1-year supervisory probationary period. Full performance level is DP-4, but not guaranteed. Permanent change of station (PCS) expenses are not authorized. This ad will close 9 October 1992.

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, 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 12/35/8, division secretary applicants will be rated on elements 12/34/7/8/9, Program Office secretary applicants will be rated on elements 12/34/5/8/9, and department secretary applicants 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.

SECRETARIAL COUNCIL

No. C28-006, Secretary (Typing), DG-0318-1/2, Code C28B3. This position is located in the Joint Standoff Weapon Project Office. The incumbent will perform secretarial and administrative duties in support of the Project Office Secretary. Experience on the Macintosh computer is required. Must be able to obtain and maintain a secret clearance. The full performance level of this position is DG-2.

No. 644-03, Secretary (Typing), DG-318-1/2, Code 644. Incumbent provides secretarial and administrative support to the Radar Systems Branch. Knowledge and working skill on the Macintosh PC is desirable. Must be able to obtain a secret clearance. Work schedule is first forty Monday-Thursday, 0630-1630. Promotion potential to DG-2, but not guaranteed. Previous applicants need not reapply.

A SECRET security clearance is required. Applicants must pass the required physical examination.

Navy Science Advisor positions are lateral reassignments for current DP-4s. If a senior DP-3 is selected, the employee may be given a temporary promotion for the duration of the assignment. Duration of these assignments is normally two years, however continuing commitment is required during the first year. Interested applicants should file a Standard Form 171 with Personnel.

Questions concerning these positions should be directed to the NSAP Program Manager, Bill Chicky (Code C031/C02B03, at China Lake (619) 939-1485, DSN 437-1485, or Ron Rademaker (Code 3000), at Point Mugu (805) 989-7947, DSN 351-7947. Deadline for filing is 9 October 1992.

Service in an NSAP assignments is a significant distinction and considered career enhancing.

At China Lake, please submit applications to Saurda, 939-2434, Building 2335, Room 202.



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

Submit items to: Code 3415(C9425): FAX 939-0945 or E-Mail to TID:ANC

THRIFT SAVINGS PLAN (TSP)

RATES OF RETURN

According to the latest TSP fact sheet the rates of return for the three investments were:

	C Fund	F Fund	G Fund
August	(2.02)%	1.00%	.57%
Last 12 months	8.13%	13.25%	7.51%

*Numbers in () are negative
C Fund—Common Stock Index (Stocks)
F Fund—Fixed Income Index (Bonds)
G Fund—Government Securities

CHEMISTRY DIVISION SEMINAR SERIES

A seminar entitled, "Development of Diode-Pumped Solid State Lasers Between 1.0 and 3.0 μm " will be presented on Monday, 28 September, at 1000 in Conference Room 1000A in Mich Lab by Gregory J. Quarles. Dr. Quarles will review the status of experiments with diode-pumped rare-earth-doped solid state lasers operating in the 1.0-3.0 μm region at the Naval Research Laboratory. Emphasis will be on the evaluation and operation of three level laser systems. Comparisons of Laser performance from Er-doped systems pumped with InGaAs and AlGaAs laser diodes will be analyzed. Recent studies of disordered oxide hosts activated with Nd and Tm will be introduced.

Dr. Quarles received his Ph.D. from Oklahoma State University in 1987. He is a research physicist at the Naval Research Laboratory.

For more information contact Mike Seltzer at 939-1608. (Code 385)

CONVERSATIONAL SPANISH CLASSES OFFERED

Openings are available for both the Spanish II for advanced students on Monday nights, and the Spanish I for beginners on Wednesday nights. Both classes are offered through the Sierra Sands Unified School District Adult Education on the Burroughs High School Campus, Room D-20, from 1830 to 2130. For more information please call 371-9562.

GOVERNMENT DRIVER'S LICENSING CHANGES

The Government Driver's Licensing function is moving from the Safety Office (Code 2405/C8401) to the Transportation Office (Code 2609/C8309). The move will be effective 1 October. After 30 September 1992, appointments for obtaining a Government Driver's License can be made by calling the Transportation Office at 939-9491 or 939-9488. (Code 2405/C8401)

BOEING'S ADVANCED SURVEILLANCE PROGRAM

Representatives from Boeing will be at NAWC, China Lake, to present a briefing on their Advanced Surveillance Program on 16 October 1992 in Mich Lab, Room B/C. The time will be from 0800 to 1200.

Since 1988, the Boeing Company has been working on an advanced surveillance concept. The concept features conformal active adaptive antenna arrays that cover all interesting frequency bands. They are backed by T/R modules, beamformers, and signal processors that support multiple functions: AEW,

ground mapping, SAR, ISAR, reconnaissance, SIGINT, ECM, and other functions that require huge antennas, sensitive receivers, and/or high ERP transmitters. For further information on the presentation, please contact Chuck Newmyer at 939-1074. (Code C0254)

FBIS DAILY REPORT FREE AT THE TECHNICAL LIBRARY

The Technical Library is now receiving Foreign Broadcast Information Service (FBIS) DAILY REPORTS, West Europe. The FBIS DAILY REPORT contains current political, military, economic, environmental, and sociological news, as well as scientific and technical data and reports for Europe, Greece, Cyprus, and Turkey.

All information has been obtained from foreign radio and television broadcasts, interviews, news agency transmissions, newspapers, books, and periodicals. The daily brochure covers West European news from June 16th to the present.

Current DAILY REPORTS are available at the Reference Desk, 939-3380. (Code 3431/C6431)

NAWC CONFERENCE CENTER CLOSED

Beginning 10 October, the NAWC Conference Center (formerly CPO) will be closed for approximately 30 days while a new roof is being installed. Plans currently call for the facility to re-open on 12 November if there are no delays in the project. Employees wishing to reserve rooms at the Conference Center when the project is complete should call 939-3634 and leave a message on voice mail. Your call will be returned by someone from the Protocol Office as soon as possible. (Code 2101/C0806)

DISSPLA ALTERNATIVE - DEMO DATE SET

The original developers of DISSPLA, who also developed SuperSet, have recently ported DISSPLA compatible code with extensions to PC 386/486 platforms. Their 64 bit processor includes add-on i860 boards, extended Fortran compiler, device-independent displays, and 64 bit virtual memory.

They may offer a viable alternative to some of the current processing on larger machines, with possible increased performance.

If you are interested in attending a demonstration of this hardware and software, it will be held on Tuesday, 29 September, at 1000 in Mich Lab, Room C208A, the "Vis Lab". If you plan to attend, please contact Tom Funk, Code 2722, 939-3564. (Code 2722)

SILICON GRAPHICS, INC. (SGI) HARDWARE MAINTENANCE CONTRACT

The solicitation for this centralized contract is being amended to reflect changes in the scope and requirements brought about by the recent consolidation of NAWCWPNS sites. The amended solicitation will include all NAWCWPNS sites. A new target award date is estimated to be December 92. SGI users are requested to keep this in mind when they procure their own hardware maintenance agreements for FY93. Please contact Ver Espritto at 939-3397 if you have any ques-

tions, or if you wish to participate in the above contract. (Code 2741/C6331)

WACOM LUNCHEON MEETING

The October WACOM Luncheon meeting will be held at the Seafarer Club on Tuesday, 13 October with a social period at 1100 and lunch at 1130. The meeting will feature the song and dance of Jim and Martha Hessons and Chester Whitmore. The Hessons trace our country's popular music heritage from 1900 to the 1940's. Chester Whitmore is a tap and historical jazz dancer.

Members may make reservations by calling Eleanor Rockdale at 446-6925. (Code 19)

TECHNICAL MEMORANDUM BIBLIOGRAPHY AVAILABLE

The Technical Information Department has just released a bibliography of Technical Memorandums (TMs) published during calendar years 1990 and 1991 as NWC TMs. One copy has been distributed to each R&D and T&E department at all NAWCWPNS sites. Extra copies are available as long as supplies last. Call the Distribution Office, 939-3513. (Code 34104)

COMARCO FOLLOW-ON DELIVERY ORDER

This is a friendly reminder to process follow-on delivery order packages to the contract coordination office. We realize that delays are caused by the current predicament of having to cover all government personnel, the requirement for review by Code 03, and the uncertainty of FY93 funding. However, it is a requirement for unfunded delivery orders that performance must be continuous. Therefore, if a follow-on delivery order is not in place as of 1 October 1992, any delivery order requests must be considered as new requirements and will require funding before work is authorized under the delivery order. This is a reminder of the importance of not waiting too long to process a delivery order package. For further information, contact our office at 446-3585. (Code 36017)

NEW HOURS FOR TECHNICAL LIBRARY

New hours for the technical library are:

Technical Library
0700 - 1700
Closed Fridays
Research Service Center (located in Mich Lab, Room 125):
0700 - 1630
Closed 11:30 - 12:30
Closed Fridays
Point Mugu Branch
0800 - 1600
(Code 343)

WEAPONS DEPARTMENT STANDDOWN

To allow the Weapons Department to transition to a new administration facility, a standdown has been scheduled for 1-2 October. During this time, telephone service to the Weapons Department will be intermittent because of the cutover of telephone service. Anyone having ordnance requirements during the scheduled standdown is encouraged to coordinate the requirements with the

Head, Ordnance Administration Division, at 939-6461. For additional information regarding the standdown, contact Jack Kavanagh at 939-6271. (Code 152/C852)

CAREER COUNSELING AVAILABLE

Starting 16 October, a new service will be available to all China Lake employees. Each non-payday Friday a Cerro Coso counselor will be available in the new Career and Life Planning trailer, located behind the Training Center. The counselor will be able to help with career decision making, educational counseling, and career transitions. Individuals will have access to DISCOVER and Eureka, two computerized career and educational search programs. To schedule an appointment, please contact Marie Duff at 939-0873. Drop-ins also welcome. (Code 224)

INFORMATION RESOURCE

SYSTEMS TASK TEAM MEETINGS
The NAWCWPNS Information Resource Systems (on-line document storage and retrieval) task team will be meeting on Thursday, 17 September, from 1315 to 1400 in the Video Teleconference Center (VTC).

An additional VTC meeting is scheduled for 24 September from 1230 to 1330. On-site meetings are also being planned and will be discussed at the 17 September meeting.

The task team is investigating the possibility of establishing a computer-based, on-line document storage and retrieval system for all sites of NAWCWPNS. The team is currently working on a draft NAWCWPNS policy concerning these systems.

All interested personnel (NAWC and NAWC) are invited to attend.

For additional information, please contact Bob Bloudek, Head, Information Resources Office (Code C6404 at 939-0568. (Code C6404)

PATRON ON-LINE SYSTEM REGISTRATION UPDATE

Because the base consolidation resulted in code number changes and new phone numbers, the Technical Library, Code 343, is updating the registration information on its patrons of the on-line system. We will be sending out registration cards for patrons to update with their correct information. If you do not receive your card by 1 October 1992, or if you wish to register for the first time, please contact Kit Driscoll at 939-0742. (Code 343)

RETIREMENT

GARY DAVIS

A retired party for Gary Davis, who retired on 3 July, will be held at the Officer's Club in the Barefoot Bar area on Friday, 25 September. There will be no-host cocktails from 1630 to 1730. An "All American BBQ" will be served at a cost of \$7.50. For reservations, gift donations, or presentations, please call Caroline at 939-0555 or Dawn at 939-3087. Reservations are needed by 17 September.

Naval Science Advisors, Interdisciplinary, DP-801, 855, 861, 1310, 1520, 1550/3 or 4.

The Navy Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve Fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's Research, Development, Test, and Evaluation (RDT&E) laboratories, centers, and operational forces and the responsiveness of the laboratory and center community in achieving timely solutions to specific technical problems that significantly impact operational readiness.

This announcement identifies Navy Science Advisor vacancies that will be filled in the summer of 1993. All Center nominees will be interviewed and selections made in late September 1992. Weapons Division candidates are encouraged to apply for more than one position/location. The candidates nominated by the Weapons Division will be competing with nominees from the Navy laboratories and centers. The NSAP Director,

NSAP POSITIONS AVAILABLE

Shite Oak, MD, makes the final selections for all NSAP positions in October 1992.

Navy Science/Technical Advisor positions will be available in the summer of 1993 at the following staffs/locations:

- Navy Science Advisor
- Commander in Chief Pacific Fleet, Pearl Harbor, HA
- Commander Mid East Force/COMUSNAV-CENT, Bahrain PG
- Navy Special War Command, San Diego CA
- Commander Third Fleet, San Diego, CA
- Commander in Chief U.S. Nav Europe, London, UK
- Commander Sixth Fleet, Gaeta, IT
- Commanding General Fleet Marine Forces Pacific, Camp Smith, HA

The incumbent will participate in Fleet activities and exercises as required. Broad technical engineering and management background and experience with acquisition programs are considered essential to carry out the assignment. Applicants shall have the ability to work in any one or more of

the following areas: mine, ASW, ASUW, AAW, special and/or electronic warfare, C₃, surveillance, or ocean technologies. The Navy Science Advisor will be the primary interface between the Fleet command, NAWCWPNS Div and other laboratories and centers on NSAP and Commands RDT&E matters.

Factors considered for candidate selection include:

1. Communication abilities that allow meaningful exchanges with many Navy and technical community skill levels and disciplines.
2. Ability to deal effectively with high-ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy, and sound judgement.
3. Ability to make sound technical recommendations and accept responsibility for decisions.
4. Technical competence in mine, ASW, ASUW, AAW, special and/or electronic warfare, C₃, surveillance, or ocean technologies.
5. Familiarity with SYSCOMS, OPNAV and other Navy laboratory/Center communities.

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-mart). A copy of your leave and earning statement is NOT required. Send your form to Code 221. For additional information please call Cindy Smith at 939-2018.

Leslie Brockwell, Electronics Technician, Code C3251.

Leslie Brockwell is indebted for leave for previous surgeries and is in need of another surgery.

Diane Richardson, Program Analyst, Code 3208.

Diane Richardson is undergoing foot surgery and will be home recovering. She is indebted for leave.

Cheryl Braun Wheeler, Computer Specialist, Code 3934.

Cheryl Braun Wheeler is in need of leave due to hospitalization for physical exhaustion and to care for her husband, a diabetic who has had kidney failure and requires a transplant.

Teresa Clower, Computer Specialist, Code 2611.

Teresa Clower is indebted for leave to care for her husband who is undergoing

numerous nerve blocks and having surgery to implant a spinal cord stimulator.

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

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

Gloria Dominguez, Program Analyst, Code 28503.

Gloria Dominguez was hospitalized and has exhausted all of her leave.

Jan Slater, Security Assistant, Code 2433.

Jan Slater suffers from pseudotumor cerebri. She had brain Shunt surgery to reduce brain swelling and will be home recovering.

Ann Roseman, Administrative Officer, Code 3104.

Ann Roseman is undergoing surgery and is in need of leave.

Ann Roseman is undergoing surgery and is in need of leave.

Beth Schuchman, Payroll Clerk, Code 2853.

Beth Schuchman is indebted for leave to care for her infant son. He is undergoing continuous testing and intermittent hospitalization. She is a single parent.

Rosemary Langley, Secretary, Code C01.

Rosemary Langley is recovering from surgery and is currently undergoing radiation treatment and chemotherapy.

Sharon Morgulec, Engineering Data Management Specialist, Code 36521.

Sharon Morgulec had surgery and has exhausted her leave.

Jane Casey, Technical Writer, Code 3411.

Jane Casey is in need of leave due to a

heart attack and open-heart surgery.

Deborah A. Birch, Secretary, Code 642A.

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

Alvina S. Quintanilla, Contract Specialist, Code 254.

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

Trisha Chan, Program Manager, Code 3402.

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

Judy A. Eldredge, Code 2862.

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



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

MACINTOSH FOR BEGINNERS (8 hrs.)

14-15 October; Wednesday-Thursday, 0800-1130; Training Center. By: Marjorie Hunter, Code C0231.

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the Keyboard and the Mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information; use some typical applications packages such as a word processor, and/or a graphic program. (Applications to be surveyed may include MacWrite or Word, MacPaint, MacDraw or MacDraw II, this class will not be able to cover these applications in any detail - the student is referred to other classes offered for specific applications.)

Presentation Method: Hands-On Workshop
Deadline: 7 October

Enrollments are taken as first request received, first approved.

MS-DOS, BEGINNING (8 hrs.)

14 October; Wednesday, 0800-1600; Training Center. By: Daryl Vaughn, Code C622.

Intended Audience: Beginning users of IBM-PC or Zenith-Compatible Microcomputers.

This course is designed to provide the novice computer user with a basic understanding of how DOS manages hardware and software components, controls system operation, and directs input and output to and from peripheral devices. It includes a survey of file-storage techniques, operations commands, command structure, and utilities.

Participants will learn how to use MS-DOS internal and external commands such as format, copy, diskcopy, dir, and chkdsk.

Presentation Method: Hands-On Workshop
Deadline: 7 October

Enrollments are filled as first request received, first approved.

MS-DOS, INTERMEDIATE (8 hrs.)

15 October; Thursday, 0800-1600; Training Center. By: Daryl Vaughn, Code C622.

Prerequisite: Ability to use the functions of the disk operating system (DOS). To do basic file management operations on an IBM-PC compatible computer (diskcopy, diskcomp, format, chkdsk, dir, erase, copy, rename, chdir (CD), mkdir (MD), rmdir (RD), type, print).

Intended Audience: DOS users with IBM-PC compatible hard disk system management responsibilities.

Students will learn to use batch files to customize computer operations and create custom computer instruction for DOS on an IBM-PC compatible computer and to ensure the safety of the hard disk files against accidental destruction; use copy con to create batch files and the edit line editor to modify them; use pipelined commands in MS-DOS to redirect output; do sort; and use the find and more filter functions.

Presentation Method: Hands-On Workshop
Deadline: 8 October

Enrollments are filled as first request received, first approved.

FILEMAKER PRO (16 hrs.)

13-16 October; Tuesday-Friday, 1230-1630; Training Center; By: Daryl Vaughn, Code C622.

Prerequisite: Basic Macintosh skills.

In this class you will learn an introduction to

databases, how to create your own database, working with information (adding, editing, omitting, etc.), layout formatting (field borders, viewing, drawing tools, moving, resizing, reshaping and aligning objects, etc.), autodata, field values, auto text, tab orders, buttons and scripts, and networking and passwords.

Presentation Method: Hands-on workshop
Deadline: 6 October

Enrollments are taken as first request received, first approved.

GRAPHICS ON THE MACINTOSH (16 hrs.)

5-8 October; Monday-Thursday, 0800-1130; Training Center. By: Olivia Francis, OVF Graphics.

Prerequisite: Basic knowledge of the Macintosh operating system.

In this course you will learn: the difference between Paint, Pict, Tiff and Postscript; the use of various graphic documents in an application; getting graphics into the Mac; using a paint and a draw program; using a postscript drawing editor; what to do with your graphics documents, and graphic format resolutions.

Presentation Method: Hands-On Workshop
Enrollments are filled as first request received, first approved.

AUTOCAD 2D (LEVELS I & II) (40 hrs.)

19-22 October; Monday-Thursday, 0730-1700; Training Center. By: Bill Elliott, Hit Return, Inc.

Prerequisite: Basic DOS knowledge and fundamental drafting concepts.

In this class you will learn to use the basic 2D Autocad commands to draw and edit drawings; to use the utility commands; to use zoom commands; to configure the student's hardware; hands-on plotter techniques; and external and internal references.

Presentation Method: Hands-On Workshop
Deadline: 5 October

Enrollments are taken as first request received, first approved.

C PROGRAMMING (40 hrs.)

26-30 October; Monday-Friday, 0800-1600; Training Center. By: John Francis, Code C2872.

Prerequisite: A good understanding of another high-level language such as Pascal or Fortran.

This course provides an introduction to programming in the language of C. C language declarations, control statements, procedures, functions, pointers, and Input/Output will be discussed in depth. There will be an introduction to software engineering and design as part of the course. The class is structured around a hands-on programming environment on the IBM computer. This includes debugging techniques and reverse engineering and changing a current program to perform additional software tasks. By the end of the course the student should be able to take a soft-

ware algorithm and implement in C.

Presentation Method: Hands-On/Lecture
Deadline: 13 October

Enrollments are taken as first request received, first approved.

TECHNIQUES OF MEMORY IMPROVEMENT (8 hrs.)

15 October; Thursday, 0800-1600; Training Center. By: Bert Barer.

The workshop examines how we recall information through our senses, short term, and long term memories. Emphasis is on how effective memory influences job productivity on all levels. Lecture, class discussion and exercises examine the major factors in memory improvement: desire to remember, relaxation, mnemonic principles to remember faces, names, peg and link techniques to recall the numerical order of items, technique of recalling phone numbers, technique of remembering what you read.

Those attending will acquire skills to:

1. Recall short and long lists of data.
2. Recall names of people, phone numbers.
3. Overcome absent-mindedness.
4. Use techniques such as pegs and links to remember exact order of lists of info.
5. Remember phone numbers.
6. Remember what you read.

TO SIGN UP FOR THIS CLASS, CALL PAT AT 939-3159.

TECHNIQUES OF EFFECTIVE LISTENING (8 hrs.)

14 October; Wednesday; 0800-1600; Training Center. By: Bert Barer.

This course will provide all levels of personnel with the skills and principles of effective listening. The workshop examines how we retain and understand information by our ability to listen actively. Emphasis is placed on how effective listening influences job productivity of supervisors and employees. Lecture, class discussion and simulation activities will examine and apply the major factors in listening: comprehension, message retention, emotional barriers, verbal, non-verbal communication, active listening, feedback techniques, such as clarifying, paraphrasing, summarizing and reflective. Attendees will acquire these skills:

1. Concentration on messages being sent, face to face or by phone.
2. Blocking out competing messages.
3. Convey effective verbal and non-verbal feedback to all levels of the organization, in person or on the phone.
4. Overcoming emotional barriers to listening.
5. Listening with comprehension.
6. Develop feedback techniques.

TO RESERVE A SPACE IN THIS CLASS, CALL PAT AT 939-3159.

INTRODUCTION TO EXERCISE (12 hours)

20 October-24 November; Tuesday and Thursday, 1645-1745; NAWS Gymnasium,

Discrete Room. By: Dana Alloway.

This program will provide the opportunity for participants to: learn how to use the exercise equipment in the gym safely, learn and practice a stretching routine designed for relaxation and stress reduction, improve their flexibility, practice activities that lead to muscle strengthening and development, practice exercises designed to maintain a healthy back, experience the joy of movement, and gain a level of comfort and confidence with exercise.

This program is designed for people with little or no experience with exercise. Space is limited to allow individualized support.

Deadline: 8 October.

Enrollments are on a call-in basis. Please call The Wellness Program Office, 939-2468, for information and enrollment.

LIFESTYLE CONTROL OF CHOLESTEROL (8 hrs.)

22 October; Thursday, 0800-1600; Training Center. By: Dr. Wes Youngberg, Consultant.

Increasing media attention has been placed on cholesterol in the last several years. While the bulk of the research is in general agreement there are frequent scientific reports that cause confusion and lead to speculation concerning the therapeutic and practical significance of certain lifestyle changes and their resulting impact on various risk factors and specific endpoints such as coronary artery disease. This seminar addresses past, present, and ongoing research, especially regarding the issue of reversibility of heart disease once it is established. Research design, methodology and subject recruitment is discussed concerning the more "controversial" studies and focus is placed on the validity of conclusions relative to established physiologic mechanisms. My most interesting patient cases will be discussed with an emphasis on the ultimate therapeutic solutions. Each attendee will have the opportunity to ask theoretical and therapeutic questions. Multiple handouts will provide a summary of seminar information. Lifestyle interventions will be contrasted from pharmacological and surgical intervention approaches to risk reduction for CAD.

Presentation Method: Lecture
Deadline: 8 Oct

To enroll in this course, please submit an On-Center Training Request to Code 224/C62206

Point of contact is the Wellness Program Office, 939-2468.

TOTAL QUALITY LEADERSHIP OVERVIEW (8 hrs.)

5 October; Monday, 0800-1600; Training Center. By: Maurice Brown.

Intended audience: All employees.

The general themes of this one-day TQM workshop are Deming's 14 Points, his 7 Deadly Diseases, and an overview of his Management System with emphasis on team problem solving processes. The workshop will provide coaching on "What to Do" by addressing data-gathering steps (Process Flow Charting), problem identification (Brainstorming and Pareto Charting), problem analysis (Force Field Analysis, Cause and Effect Analysis) and problem solution. Attention will be focused on "working on the right problem" and understanding the difference between symptoms and causes. During the discussion on "How to Do It", time will be devoted to understanding group dynamics and their application in developing problem solutions. Topics during this portion of the training will include developing facilitation skills, staying focused on the task, maintaining effective teamwork, and dealing with dysfunction behavior. One case study will be used near the end to bring the training together.

Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you any questions, call 939-2686.

INTRODUCTION TO ROBUST DESIGN USING TAGUCHI TECHNIQUES (8 hrs.)

8 October; Thursday, 0800-1600; Training Center. By: Dr. Robert D. Smith, Code C29103.

Scope: Robust design is an efficient experimental strategy for identifying the best, in a well defined performance sense, set of parameters for a component, subsystem, system, or process. The technique is general in nature, and not limited to special areas of science and engineering. Robust design is used extensively by the Japanese and its use in the USA has grown considerably over the last 10 years. Specific topics that will be covered in this course include, quality loss functions, orthogonal arrays, data analysis, experiment design, data transformations, predicting performance, and design philosophies. Numerous examples relating to work in the area of simulation and analysis done at NWC will be presented. Copies of the lecture material will be provided; however, no text book will be provided. The three useful reference books are:

1. *Quality Engineering Using Robust Design*, by Phadke
2. *Orthogonal Arrays and Linear Graphs*, by Wu and Taguchi
3. *A Primer on the Taguchi Method*, by Ranjit Roy

Reference 1 may be available at Tel-mart. If not, it and reference 2 can be ordered from American Supplier Institute (ASI) by calling (313) 271-4200. Reference 3 must be obtained from the publisher (Van Nostrand Reinhold) or ordered from a book store.

Note: Enrollees are asked to bring a 1" 3-ring binder to class with them. Enrollments are on a call-in basis only. To enroll or for more information, call 939-2686.

DESIGN OF TELEMETRY SYSTEMS (24 hrs.)

13-15 October; Tuesday-Thursday, 0800-1600; Training Center. By: Frank K. Koyama, Consultant, ETI.

Intended Audience: Junior Professional with a background in electronics or equivalent.

The principal objectives of the course are to gain a general understanding of modern telemetry communication systems, to acquire skills in system design, and to be able to predict system and subsystem performance.

The learning objectives of this course are:

- To gain knowledge of the operation of modern communication systems and skills in the mathematics that describe system performance
- To understand the various modulation schemes used in modern communication systems and system level trade-offs for the use of each scheme
- To acquire skills in formulas and mathematics that are used to predict system performance
- To gain knowledge in missile systems telemetry link design

Deadline: 29 September.

THREAT SIMULATION AND MODELING (40 hrs.)

26-30 October; Monday-Friday, 0800-1600; Training Center. By: Adamy Engineering.

Prerequisites: A general technical background. Some knowledge of engineering math is helpful but not required, since all technical concepts are completely explained.

This is a practical course that presents technical insight into Electronic Warfare (EW) simulation at a level that is both understandable and useful. The scope of the course ranges from an overview of the various types of simulators to practical details for the specification and system level design of each of the various types. It describes hardware, software and processes in graphical rather than mathematical terms. Then it goes on to provide easy to use formulas, nomographs, and calculation techniques, which allow the course content to be readily applied to everyday technical problems. During in-class exercises, students will deal with real-world problems associated with each type of simulation and modeling.

Deadline: 12 October.

SYSTEMS ANALYSIS (8 hrs.)

27 October, Tuesday, 0800-1600; Training Center. By: Dr. Frank Reed, Consultant.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

This 1-day seminar is designed to make the program manager aware of the classical tools of systems analysis. Without going into mathematical detail, the modeling efforts suitable for different types of system analysis problems will be discussed. Methods by which the program manager and systems analyst together can arrive at a modeling effort whose assumptions and limitations are understood, and whose results guide program development, will be discussed. In addition to

classical systems analysis, the effect of software development on system design will be covered. The importance of supportive or complementary systems on system design will be presented.

Deadline: 13 October.

VIDEO INSTRUMENTATION TECHNIQUES (24 hrs.)

2-4 November; Monday-Wednesday, 0800-1600; Training Center. By: Michael Pruznick and Loren Shiffley, Consultants.

This course deals with the performing measurements and troubleshooting video systems. The course begins by discussing various video standards and defines the resulting capabilities and limitations of video systems. Next, measurement and analysis equipment are discussed as tools for instrumenting video systems, and how these tools can be used for troubleshooting a system. As part of the class, field trips will be taken to NAWC video facilities. During these sessions, and in coordination with the NAWC facilities managers, demonstrations of various troubleshooting and analysis equipment will be presented to the class.

Deadline: 19 October.

HUMAN FACTORS (8 hrs.)

5 November; Thursday, 0800-1600; Training Center. By: Carol Burge and Judy Lind, Code 3152.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS. Other scientists, engineers, and technicians involved in development, evaluation, or procurement of human-in-the-loop systems are welcomed, on a space available basis.

This course includes information on human capabilities and limitations; the techniques used by Human Factors researchers and engineers to gather, evaluate, and apply data; and the design of human-computer interfaces. Human Factors case studies of specific systems and accidents are used to illustrate the concepts discussed. How to ensure that Human Factors is included in the military system acquisition process is also covered, and examples of Human Factors sections for specification, statements of work, and data requirements are provided.

Presentation Method: Illustrated lectures, discussion, and practical hands-on exercises.

Deadline: 22 October.

SYSTEMS SAFETY (8 hrs.)

4 November; Wednesday, 0800-1600; Training Center. By: Ken Chirkis, Code 36872.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC ENROLLEES.

This course will include what the technical manager (not the practitioner) should know about systems safety: what it is, why it's important, how it's integrated into the acquisition program, and what elements are required in such a program.

Deadline: 21 October.

ENVIRONMENTAL ENGINEERING (8 hrs.)

3 November; Tuesday, 0800-1600; Training Center. By: Steve Tanner, Code 3665.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

This course will include what the technical manager (not the practitioner) should know about environmental engineering, what it is, why it's important, how it's integrated into the acquisition program, and what elements are required in such a program.

Deadline: 20 October.

DEPLOYMENT FLOWCHARTING (8 hrs.)

27 October; Tuesday, 0800-1600; Training Center. By: John Giovino, Code 626.

To understand a work process, it is helpful to depict it. One technique is process flowcharting, which allows one to examine a work process in detail. Once the flowchart is started, much can be learned of the work process as the flowchart is drawn to completion. Once a flowchart is constructed, it can be examined and used as a tool for understanding and explaining the process with respect to quality improvement. NAWC/NAWS examples will be provided as well as a basic how-to manual written by the instructor.

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

HAZARDOUS WASTE TRAINING (8 hrs.)

23 September; Wednesday, 0800-1600; Room 211, Training Center.

28 October; Wednesday, 0730-1630; Training Center.

18 November; Wednesday, 0730-1630; Training Center.

By: Environmental Project Office (Code 008).

Intended audience: Those who generate, handle, and manage hazardous waste.

This course is required training for anyone who generates or handles hazardous waste. It is also required training for anyone who manages a hazardous waste accumulation area.

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

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

Enrollments are on a call-in basis. Point of Contact is the Environmental Project Office, 939-2893. Many departments have identified personnel who need this training. Check with the Environmental Point-of-Contact for your Department to assure you get this training if needed. Call in your enrollment with your preferred date for the training.

Deadline: 14 October for the 28 October

SUPERVISOR AS COACH AND SUPPLIER (16 hrs.)

14-15 October; Wednesday-Thursday, 0800-1600; Training Center. By: Luisa Deal.

This 2-day results-based workshop will focus on helping supervisors move into seeing themselves as playing more of a coach and supplier role rather than one of a director and customer. The learning objectives are aimed at building skills such as:

- applying coaching techniques effectively
- increasing employee confidence and self-esteem
- giving and receiving feedback
- providing positive recognition and appropriate credit
- understanding the differences between the supplier and customer roles and applying them to the boss/employee partnership
- building rapport and a positive climate of trust

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call 939-2686.

NEGOTIATION STRATEGIES (8 hrs.)

16 October; Friday, 0800-1600; Training Center. By: Suzanne Hard.

Life is a series of deals. We buy, sell, and barter for everything from furniture to relationships: we negotiate with bosses, subordinates, customers, peers, family members, and even ourselves. The old style of negotiation that utilized screaming and pounding tables is out! Now deal makers are creating a problem-solving, collaborative atmosphere that produces satisfying results for everyone. The win-lose and lose-lose negotiation are things of the past. In the best deals being made today, both sides win and win big. This course will teach you how to develop and refine your negotiation powers. You will learn to:

- separate people from the problem
- focus on interests not positions
- invent options for mutual gain
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