



Manzanar commemorates wartime imprisonment

Again taking place this year was the pilgrimage to Manzanar, one of the relocation camps to which Japanese (even first and second generation American-born Japanese) were sent during World War II. The pilgrimage, held each spring, honors the memory of those who were incarcerated in camps throughout the West for the duration of the war despite there never being any evidence of any sabotage or espionage by any American of Japanese descent; in fact, the Division of the United States Army most decorated for outstanding heroism during the war was the one comprised mainly of those of Japanese descent.

Manzanar is located on Highway 395, between Lone Pine and Independence. Entrance of the camp site is denoted by the stone buildings at the road in and a com-

memorative plaque noting that Manzanar has been declared a National Historic Landmark.

Only a few ruins remain on the site. It's still possible to find foundations of the buildings used to house the 10,000 men, women and children who spent the war years there. The recreation building built by those interned is in use by Inyo County to house road equipment. A few stone walls are left, showing where guards' quarters were located and also where a Japanese garden was established.

At the cemetery at the far northwest border of the camp, a shrine commemorates those who lived and died at Manzanar.

Visitors to the camp are asked not to disturb any of the remaining ruins.

RESPECT PAID — Visitors attending the annual pilgrimage memorializing those who were held in the Japanese relocation camp at Manzanar during World War II spend a solemn moment at the shrine in the cemetery of the camp.

— Photo by John Ito

Library offers user bargains

In an effort to help stem the rise of prices, the Center Library is offering high interest loans to its patrons.

The Center Library urges patrons to ignore the economists and borrow, borrow, borrow...from the library and take advantage of its outstanding values. From books to records, the library has the latest best sellers and the oldest classics.

Why spend \$10 or more for a book, \$8 for an album or over \$1 for a magazine when you can find it in the library for free?

The library also houses an extensive collection of how-to books for the novice plumber, electrician, mechanic, carpenter or others who are doing tasks themselves for which they used to pay.

Other ways to save in the library is to use the Consumer Reports and Consumers' Research Magazine to help you buy wisely. "Cashing in at the checkout," by Susan Samtur discusses the use of coupons for savings at the supermarket.



Retirements

Bill Fettkether, Code 3452, hired at NOTS/NWC November 1, 1960; estimated date of retirement May 22, 1986.



Weather Report

	Max	Min	Peak Gust
Fri. 91	51	23 knots	
Sat. 82	59	32 knots	
Sun. 75	50	28 knots	
Mon. 80	40	37 knots	
Tues. 68	52	39 knots	
Wed. 76	45	19 knots	
Thurs. 81	40	14 knots	

All measurements are made at Armitage Airfield.

WACOM to install officers

Installation of officers will highlight the last meeting of the year for the Women's Auxiliary of the Commissioned Officers' Mess on Tuesday. Entertainment for the meeting will be provided by the humor and music of Gerald Stern.

Stern has performed in opera and musical comedy, and on both concert stage and stage. He will be accompanied at the piano by Bernice Ashdown.

Officers to be installed include Fayeleen Thelen, president; Eleanor Lotee, vice

president/program chairman; Cecile Biery, secretary; and Jan Van Aken, treasurer. Tina Knemeyer, Parliamentarian, will install the officers.

The day begins with a social hour at 11 a.m. at the Commissioned Officers' Mess. Lunch will be a cold buffet, with pineapple cake for dessert.

The lunch is open to WACOM members and their guests only. Reservations should be made by telephoning 446-4324 or 446-3383.

COM Membership Night planned

In the May Roadrunner, due to a printing error, the date and time of the Commissioned Officers' Mess Membership Night were erroneously printed. The correct time and date for the COM Membership Night is Friday, May 16, from 6 to 9 p.m.

The evening promises to be a fun one, beginning with a barbecue dinner on the

patio. The menu features a chicken and rib buffet and includes salad bar, baked beans, corn on the cob and corn bread and honey.

Following dinner, members are invited to stay for dancing from 8 to 12 p.m.

Reservations are requested by May 14 and may be made by calling the COM office at 446-2549.



Weekend Roundup

Enjoy a Mother's Day Buffet at the Chief Petty Officers' Mess this Sunday, from 12 noon through 4 p.m. Sink your teeth into an all you can eat salad bar, succulent steamboat round of beef, roast turkey with all the trimmings and ice cream dessert. Price of this delicious meal is only \$5.75 for people 12 and over; and half price for people 11 and under. Reservations are recommended not later than close of business tonight (Friday).

Just for Mom, the Commissioned Officers' Mess is offering a fantastic Mother's Day Buffet this Sunday from 9:30 a.m. to 1:30 p.m. In Mom's honor, the COM is offering shrimp Newburg, scrambled eggs, french toast, bacon and sausage, S.O.S., biscuits, ham, turkey and all the trimmings, a variety of salads and assorted deserts. Price of this unique offer is \$4.95 for adults, \$2.95 for children aged 7-12, \$1.95 for children aged 2-6 and children under 2 eat free. Reservations are required by the close of business today (Friday).

Begin the weekend right with a steak and shrimp dinner at the Enlisted Mess tonight. Dinner will be served from 5:30 to 9 p.m.

Don Dwiggins, distinguished aviation writer and senior editor of "Homebuilt Aircraft" will be the guest speaker at tonight's meeting of the Experimental Aircraft Association. He will speak on trends in homebuilts.

This month's meeting was changed to tonight at 7 p.m. at the Kern County Library so that Dwiggins could be the speaker. Since the library will be closed, it will be necessary to enter through the conference room back door on the west side of the building.

NEX News

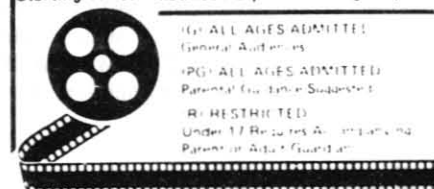
Since swimming season is nearly here (despite the winds and weather this week), now is the time to head to the Navy Exchange to get beach towels, swim suits, lounge chairs and suntan lotions. A wide range of all of these are now on hand for NEX patrons to make their selections.

Everyone on the Center can enjoy the other special being promoted by the Navy Exchange for the month of May. The Plaza snack bar will feature deli specials throughout the month for those who are hungry and like good food.

Movies

FRIDAY, MONDAY	"A CHORUS LINE" Starring Michael Douglas and Janet Jones (Musical/Drama, rated PG-13, 118 min.)	MAY 9, 12
SATURDAY	"FIX" Starring Bryan Brown and Brian Dennehy (Thriller, rated R, 108 min.)	MAY 10
SUNDAY	"101 DALMATIANS" (Animation, rated G, 79 min.)	MAY 11
WEDNESDAY	"FEVER PITCH" Starring Ryan O'Neal and Catherine Hicks (Drama, rated R, 95 min.)	MAY 14
FRIDAY	"IRON EAGLE" Starring Louis Gossett Jr. and Jason Gedrick (Action, rated PG-13, 117 min.)	MAY 16

Starting Times: Matinee / 2 pm Evening / 7 pm



★ U.S. Government Printing Office: 1986 No. 40004

FROM:

PLACE STAMP HERE

TO:

New Technical Director talks about NWC future

The Rocketeer asked Gerry Schiefer, new Technical Director, for an interview so that those who do not know him have the opportunity to learn about the Center's top civilian.

"Like everybody else, I came to China Lake for 4 years and no more," says Gerry Schiefer, the Center's Technical Director as of last weekend. "I came here because I was told that I could get good, responsible work early, and this was something in which I was interested.

"I didn't like this area originally because I'd grown up in Zion National Park where my father was a ranger, and where there

were lots of trees. When I came here, I didn't like the desert, but I loved the work. Now, however, you'd have to drag me out. I like the climate, the desert living and the proximity to the mountains."

His home code as a Junior Professional employee was at the Supersonic Naval Ordnance Research Tract (SNORT), and his early work was with instrumentation on a variable thrust engine. "That," he says, "is the capability that helped get us to the moon and most people don't know that the basic research on the engine concept was done here."

The Shrike program was just starting and a few months after Schiefer completed his Junior Professional year he moved to work on it, working for Jack Russell, who is now the Test and Evaluation Director at NWC.

"Even though I was working on only one program during the next nine years, I was given broad responsibility and exposure. It was good preparation for senior management. Neither Bill Porter nor I ever headed a line division, but we both headed a program office, and the number of people that you're in charge of directly and indirectly under our matrix management system

gives very broad experience. "I was in at the introduction of Shrike to combat in February 1965. I went to Vietnam with the missiles, worked with the maintenance crews and trained the pilots. This was a very significant experience for me. I found that something I'd helped design saved our pilot's lives."

Schiefer says that he went back to Vietnam five times. "I really learned operational requirements. It was a great school for me. Shrike let me go from inception of the weapon to combat use."

As an aside, he notes, "I really think we

(Continued on Page 7)



Low Cost Seeker brings TD Awards to Code 35



OUTSTANDING PERFORMANCES — During a recent ceremony in the Electronic Warfare Department office, Paul Homer, head of Code 35; Burrell Hays, recently retired as Technical Officer; and Center Commander, Capt. K.A. Dickerson, join with winners of the

Technical Director's Award, George Hoppus, Karen Higgins and Richard Fowler. The fourth person honored for their outstanding work on the Low Cost Seeker, Jack Johantgen, was unable to be present for the ceremony.

— Photo by PH2 Rick Moore.

Maples, Morey team up for honor

Outstanding teamwork that provided the leadership and technical guidance resulting in the Trident II Vertical Test Facility and Radiographic Inspection Facility earned Crill Maples and Rolland J. Morey the Technical Director's Award.

"You both did an outstanding job," Burrell W. Hays, NWC Technical Director, told the two men at a small gathering held at their office Tuesday.

Hays continued, "Nobody will really ap-

preciate for 10 years how well engineered and how versatile these facilities are. You did it the China Lake way — two to three people had an idea, sold it, had the courage to take it on and then did it. And did it well."

He commended their ingenuity, their "can do" spirit and the perspiration it took to get the job done.

"That's a lot of hard work," Hays noted.

The nomination for the award was writ-

ten by Dick Boyd, head of the Range Department, where Maples and Morey are, respectively, head and associate head of the Ordnance Test and Evaluation Division.

Boyd wrote, in part, "This outstanding managerial team was responsible for the concepts, technical innovations and overall coordination for both facilities, from initial design through the mechanical and structural development, the Military Construc-

(Continued on Page 3)

Chilton earns SPAWAR recognition

Aviation Electrician's Mate Third Class Marty D. Chilton, Sailor of the Year for the Naval Weapons Center, has been named

1986 Space and Naval Warfare Systems Command Shore Sailor of the Year by Vice Admiral Glenwood Clark, Commander Space and Naval Warfare Systems Command.

In a letter to Petty Officer Chilton, Admiral Clark said, "your superior performance in carrying out your professional responsibilities and dedication to the Navy

and your community as reflected in your Command's nomination was exceptional."

A native of Mount Airy, North Carolina, Petty Officer Chilton is the son of Radford and Oleeta Chilton, and a graduate of North Surry High School in Mount Airy.

AE3 Chilton joined the Navy in August, 1983 to pursue his education in a technical field. After completion of boot camp at Orlando, Fla., Petty Officer Chilton was meritoriously advanced to airman apprentice and assigned to "A" school for training

as an aviation electrician.

He has been assigned to the Naval Weapons Center since completion of his training and is currently an F/A-18 Hornet plane captain.

In addition to recognition as NWC Sailor of the Year, Petty Officer Chilton was earlier named NWC Sailor of the Quarter and Plane Captain of the Month of the Center's Aircraft Department.

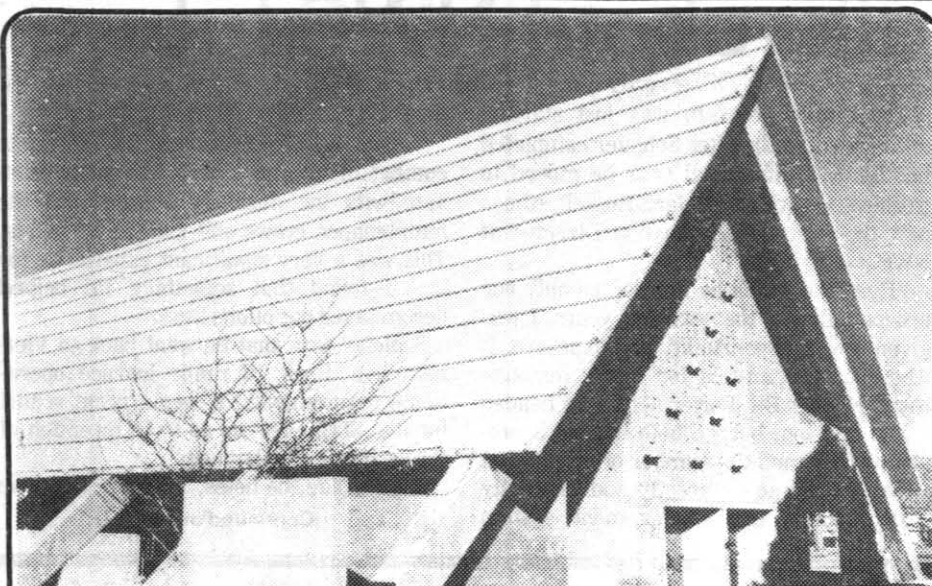
(Continued on Page 5)

He said that he felt this was possible because "We're a team, a family, that works together. The pressures are still on with this program, but I know you can continue to make it happen and to get the job done."

The letter of nomination written by Paul B. Homer, head of the Electronic Warfare Department, explained that the HARM LCS missile guidance section has been designed to replace the baseline HARM guidance section while conforming to basic HARM performance, readiness and supportability characteristics. Improved R^v technology in the HARM LCS reduces complexity, simplifies manufacturing processes and lowers recurring and life-cycle costs while significantly improving the weapon's capabilities.

Hays noted that although the team functioned as a group, each played a significant separate role. Fowler was credited with the design; Johantgen with superb technical work; Hoppus, technical management; and Mrs. Higgins with a major software effort.

Hoppus, a supervisory aerospace engineer, holds a master's degree in systems technology from the Naval Postgraduate School. He has been on board since 1966. Johantgen, a supervisory electronics engineer, holds a degree in physics. He has been at China Lake since 1959. Fowler, an electronics engineer, has been at China Lake since 1969. Mrs. Higgins, a supervisory electronics engineer, holds a master's degree in that field. She has been a Center employee since 1973.



Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m. (Nursery provided) Sept. through June	
Wednesday 11:30 a.m. Sept. through June	
Thursday 7:00 p.m. Officer's Christian Fellowship	
	Christian Military Fellowship
ROMAN CATHOLIC	
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Saturday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 4)	1 p.m.

Chaplain J. Milton Collins, Capt., CHC, USN
Chaplain A. J. Smith, Cdr., CHC, USN
Hearing impaired equipment available. Nursery available.
Phone, NWC ext. 3506, 3507

Check deductions up for those hired post '83

The Social Security Amendments of 1983 (PL 98-21) mandated Social Security coverage for Federal employees hired after January 1, 1984. As a result, these employees were covered under both the Social Security System and the Federal Employees' Retirement system.

The Federal Employees Retirement Contribution Act of 1983 (PL 96-168), provided that "post-1983" employees covered under the Civil Service Retirement System (CSRS) would temporarily be subject to a reduced (1.3%) rate of withholding. The reduced rate provisions have now expired.

Therefore, effective May 1, 1986, the withholding from the salaries of "post-83" employees will be as follows:

Firefighters - 7.5% retirement and 7.15% Social Security. Total withholding 14.65%.

Others - 7% retirement and 7.15% Social Security. Total withholding 14.15%.

Please know that this action is taken in accord with NAVCOMPT message 021959 Zulu May 86; this is a temporary measure until Congress either extends the reduced rate or passes retirement legislation. If you have any questions concerning this matter contact the payroll office at NWC ext. 2121.

Kids need school physicals

With kindergarten registration underway throughout Kern County, Dr. Leon M. Hebertson, Director of Public Health Services for the County, reminds parents to get their children ready for school with a complete health checkup.

State law requires a health checkup for all children by the time they start first grade, but many schools prefer that it be given before kindergarten. Physical problems that are undetected can cause learning problems.

School health checkups include a head-toe physical examination and screening

tests for vision, hearing, anemia, diabetes, urinary infection and a tuberculosis skin test. Childhood immunizations can also be brought up to date at this time.

Many children qualify for school health checkups at no cost. Children receiving Medi-Cal benefits are automatically eligible for regular health checkups. Other children from low and moderate income families may also be eligible to have one free checkup anytime within the 18-month period before or 90 days after the child starts first grade. Anyone with questions about the examinations should check with either a private physician or the Health Department.

Mussel quarantine in effect

Leon M. Hebertson, M.D., Kern County Director of Public Health Services, announced the annual quarantine of California mussels began May 1 and will continue through October 31. Mussels along the entire coastline, including all bays and inlets, are included in the quarantine.

The purpose of the quarantine is to protect the shellfishing public from the toxin-causing paralytic shellfish poisoning (PSP)

which may occur in bivalve molluscs, such as mussels, clams, cockles and scallops, during the warm spring, summer and early fall months.

The California quarantine restrictions and recommendations apply only to molluscs collected locally by individuals who harvest molluscs for sport. Mussels and other bivalves sold commercially in California markets and restaurants should pose no PSP risk to consumers.

Check blood pressure in May

May is National High Blood Pressure Month; Leon M. Hebertson, M.D., Kern County Director of Public Health Services, urges everyone to have a regular blood pressure check. If high blood pressure medicine is prescribed, he encourages individuals to maintain the treatment prescribed by their physician.

Blood pressure is the force of blood pushing against the walls of blood vessels. High blood pressure results when blood vessels become narrow, forcing the heart to pump harder to push blood through the body. High blood pressure has been cited as a major cause of stroke, heart attack and kidney failure.

Working at NWC a good way to see California

Accepting a job at the Naval Weapons Center was, for Pamela Sherretz, a way of being able to visit California for a year. "I'd never been west of the Mississippi, and I really wanted to see some of the rest of the country," she says.

However, once she arrived at China Lake, took the various tours that are normal for a Junior Professional employee and discovered the interesting work that she was able to do here, she's reconsidered and is well into her second year on board with an indefinite time ahead.

Currently Ms. Sherretz, a chemist, is working with propellants and explosives in the Properties Analysis Group in the Propellants Branch of the Ordnance Systems Department and is also involved with quality control.

"I never envisioned working in either of

these areas of chemistry," she says. "Since I started college as a biology major before I switched to chemistry, I always thought that I'd use my organic chemistry background to do medical research of some sort."

She left her home town of Reynoldsville, Pennsylvania, to attend Geneva College (also in Pennsylvania) to study biology, discovered that she preferred chemistry and earned her bachelor's degree in that subject before heading to Indiana University to work on a master's degree. On completing that degree, she applied for work at NWC ("I had relatives in town who worked on board and had talked about what a neat place it was to work.") and was hired in late 1984.

The vastness of the areas in the west between towns — and how little in the way of towns existed between Las Vegas and

Ridgecrest in the final stages of her drive west — still astound her. "I was used to small towns and lots of trees and gentle hills," she says, "not the big spaces — and big mountains — that you see around here."

Those big mountains have been put to good use by her, however. Since she's been at China Lake, she's learned how to downhill ski — a lot of fun, Ms. Sherretz says, "once you get over the initial fear!"

Other spare time is spent with training her golden retriever, whom she acquired since she has been at China Lake and with traveling throughout California and the West.

Ms. Sherretz says that she's glad that she decided to come to work at NWC because "the people I work with are great and the work is interesting. It changes from day to day and I enjoy having a wide variety of things to do."



INTERESTING WORK — Pamela Sherretz, an organic chemist, is finding the variety of tasks she has to perform on the job stimulating. She's also enjoying time off in travels around the state.

NWC Rocketeer

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Schiefer talks about past, future ...

(Continued from Page 1)

have as much hands-on work as we ever did. Designing software, for instance, is hands-on work just as working with hardware is."

Schiefer's next assignment was with HARM, where he worked with the missile from the time that the program office had one person — him — until it was a full-fledged development office; he spent five years as program manager.

"The experience was broadening, because I was involved in everything from giving Congressional testimony to working with all levels of government, and developing a close working relationship with industry, which," he says, "is essential for success."

His next assignment was as Naval Science Advisor to OPTEVFOR, also very broadening because, he notes, that "One day you might be associated with a satellite system, a sonar system for a submarine the next and a sewage processing plant the day after."

On returning to China Lake, he became head of the Electronic Warfare Department and emphasized the build-up of Sea Site at Echo Range.

Next he became Test and Evaluation Director, "the jealous guardian of our land mass and air space," he notes. "Again, I was working with instrumentation. I've been interested in instrumentation since I worked for Coleman Engineering under contract to the Air Force."

Schiefer continues, "And then I moved to the Laboratory Directorate, which has been an absolute delight. I've had a very close working relationship with Burrell Hays. I think we've been a good team. There's also the Corporate Board and that makes a very strong team across the Center. We have a depth of management, a depth of commitment. The Corporate Board is concerned most about what's best for China Lake and the Fleet rather than their own careers."

With regard to the future, he says, "I don't plan any big perturbations. Of course,

some things can be bettered, but I propose we continue on the course that's been so successful. I see my responsibility as shielding our people from outside perturbations so they can do the thing they do so well. I also see the need to protect the China Lake culture. I will continue to really work on the military/civilian relationship — to keep it a team effort."

Schiefer feels "We must work smoothly with Washington. This is delicate, because our charter is not to be 'yes men.' We must maintain our technical integrity, and we must measure our decisions by what's best for the Fleet."

"Things are going to be a little tougher. NWC is resilient, however, and has inertia going for it. We've had tough times before. Our people are very committed, very competent, and very patriotic. They generally put Fleet and country before themselves."

As to his personal plans, Schiefer notes that he plans to continue working with Boy

Scouts. "I've been in Scouting for many years, serving in a variety of posts. I feel that working with these young boys is good long term preventive maintenance, and that in Scouting I've made my biggest contribution to the community."

He says that his family all enjoy the out of doors and this gives him the chance to Dutch-oven cook.

"I do that very well," he says, "including making pineapple upside down cake."

Two of the three Schiefer children are married and living in the local area and the third, Charlie, is a senior at Burroughs High School where he holds the pole vaulting record.

Schiefer's wife, Lorretta, has been very active with school committees and the PTA. He says, with pride, that "For the past 10 years, she's been in charge of the Fourth of July pageant our church has put on for the community. She keeps very busy, generally working with youth."

DFG sets trout plants

Barring adverse weather, water or road conditions, the following lakes and streams, listed by county, will be restocked this week with catchable-size rainbow trout from the Department of Fish and Game hatcheries:

KERN — Alder Creek, Cedar Creek, Erskine Creek, Hart Park Lake, Kern River (Democrat Dam to KR1 Powerhouse, Borell Powerhouse to Democrat Dam, Isabella Dam to Borell Powerhouse, KR3 Powerhouse to Lake Isabella).

TULARE — Bone Creek, Deer Creek, Dry Meadow Creek, Kern River (South Fork), Kern River (Fairview Dam to KR3 Powerhouse, Johnsondale Bridge to Fairview Dam), Nobe Young Creek, Peppermint Creek (Upper and Lower), Poso Creek, South Creek, Tule River (Middle Fork, North and South Forks of Main Fork, Cedar Slope area), White River.

INYO — Baker Creek, Big Pine Creek, Bishop Creek (Lower, Middle, South and Intake II), Cottonwood Creek, Georges Creek, Independence Creek, Lone Pine Creek, Owens River (below Tinemaha), Shepherds Creek, Taboose Creek, Tinemaha Creek, Tuttle Creek.

MONO — Bridgeport Reservoir, Buckeye Creek, Convict Creek, Convict Lake, Grant Lake, Gull Lake, Hilton Creek, June Lake, Lee Vining Creek, Little Walker River, Lundy Lake, Mammoth Creek, McGee Creek, Mill Creek, Owens River (Benton Crossing and Big Springs) Pine Creek, Pleasant Valley Reservoir, Reverse Creek, Robinson Creek, Rush Creek, Rock Creek (Paradise Camp to Tom's Place, Tom's Place upstream to Rock Creek Lake), Sherwin Creek, Silver Lake, Swauger Creek, Twin Lakes Bridgeport (Upper and Lower), Virginia Creek, Walker River (Chris Flat Campground to town of Walker, Leavitt Meadows Campground to Sonora Bridge).

Soccer ...

(Continued on Page 6)

Division Three
Tornadoes 4, Diplomats 0
Junior Olympics kept the teams short-handed in this game on Saturday morning.

Roughnecks 6, Surfs 0
Mike Kinney assisted on four of six goals scored by the Roughnecks. Steve Sticht and Pat Garrison scored two goals each for the winners while Andy Scott and Mike Kinney had solo goals. Jeff Bradley, Butch Boswell, Aaron Rife and Stephen Lewis were credited with excellent performances for the Surfs in a losing effort.



SAME OFFICERS — Capt. R.M. Cugowski, NWC Public Works Officer, is the new president of the local chapter of the Society of American Military Engineers. Other officers for the year, pictured above, from left (front row) Cdr. James Ealy, Philip Branson, Joyce Churchill, Capt. Cugowski, Dick Malone and Ens. Gregg Buckle. Back row: Sam Miller, Bill Bonner, Johnny Goodwin and Jon Osgood.

Fishing slows down in Sierra region

Anglers fishing the eastern high Sierra region found windy weather everywhere and good fishing in a few locations. Many spots, such as Crowley Lake, produced only fair results in the past week.

For ice anglers, Lake Sabrina remains mostly frozen. The ice is soft in the afternoons, but is good for ice fishing in the morning and evening. Best results have been with silver and gold Kastmasters. There is open water at the inlet on the west side of the lake and it is producing well for anglers using eggs or floating cheese bait.

Mammoth area lakes Marnie, George and Mary are also still frozen and yielding catches of nice size rainbow trout to hardy anglers who are willing to cut through the ice.

Bishop Creek fishing is only fair. The water is high and fast. Those catching have done best on eggs and worms. Other creeks flowing into the lower Owens River are about the same according to anglers who have tried them all.

The best fishing on the lower Owens has been reported between Highway 168 east of Big Pine and Stewart Lane, just south of Big Pine. Anglers there are using crickets, Panther Martins and other small lures. The river is running high for this time of year.

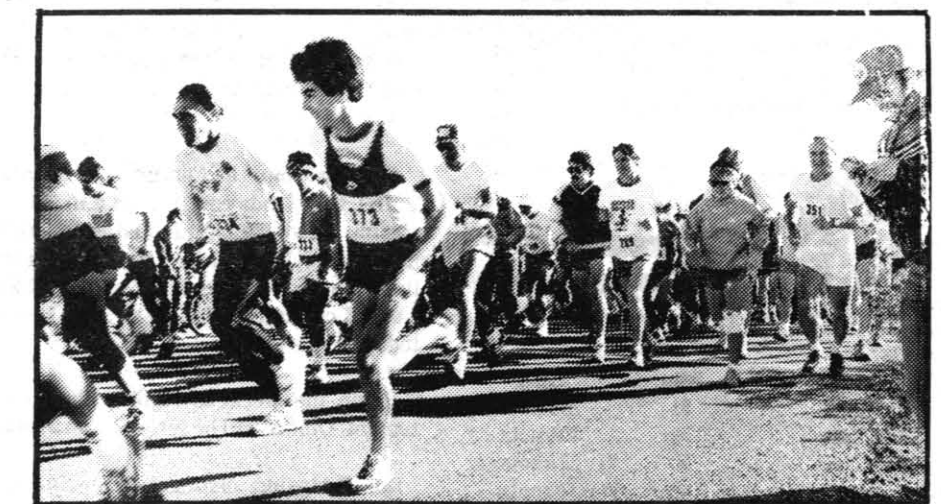
Windy weather is hampering fishing at Pleasant Valley Reservoir. Anglers are doing best with casting lures, such as spoons during the day. Baits and flies are bringing

results in the evening. Of creeks flowing into the upper Owens River, Hot Creek is by far the best spot for anglers. Fly fishing with elk hair caddis is bringing good results. Along the upper Owens, anglers are bringing in a fair supply of stocked fish and browns ranging up to four pounds in size.

Crowley Lake has been slow. Trollers have done best using a Dave Davis and

Flashers. The best lake fishing in Mono County has come on Convict Lake. Trollers use Rapalas or frog Needlefish. From the shore, the results have been best at the backside of the lake, near the creek inlet.

The big fish of the week, one more than 11 pounds and another more than 12 pounds, were taken out of Upper Twin Lake at Bridgeport. An eight pounder was landed at Lower Twin Lake.



RUNNING START — Over-The-Hill Track Club joined in celebrating Inyokern's birthday with a 10-kilometer road run Sunday. The massed start was captured by the photographer.

Youth Soccer League competition continues

Action continues this week in the Recreational Services Department's Spring Youth Soccer League. Windy Saturday weather didn't prevent the teams from getting in their full schedule.

Division One

Chiefs 2, Fury 2
The Chiefs picked up two goals from Michael Hobson to tie the Fury squad in a Division One clash. The Fury counted goals by Jeff Janson and Ryan Lopez with an assist from Daniel Kelling. Joey Melton was credited with top defensive play.

Rowdies 2, Coyotes 0

Neil Covington keyed a first half shutout for the Rowdies with his play in goal. Moving to offense in the second half, he scored both goals in the win. Mark Garland and Melissa Murphy had starring defensive roles. The Coyotes didn't submit a score sheet.

Cobras 1, Eagles 0

It took only one goal, that early in the first half by Jonathan Mickelsen for the Cobras, to decide the outcome of this contest. James Runyon and Nicholas Ford were strong performers for the Eagles, who blamed the lone goal on the wind.

Roadrunners 3, Apollos 0
Goals by Glenn Baker and Jamie Swader paced the Roadrunners in their 3-0 win. Shelby Hansen, Jason Swing, Mike Wessman and Nathan Turner all had shots on goal in the Saturday morning Knox Field contest. The Apollos did not turn in a score sheet.

Express 2, Owls 0

Vasken Haroutunian accounted for both goals for the Express, one off an assist by Brian Satterthwaite and the other an unassisted effort. Kevin King and Terrance Canterbury also had strong showings. The Owls were blanked on offense, but their defense, led by Jimmy Hutmacher and Eric Bignall kept the Express ever alert.

Division Two

Sockers 2, Cosmos 0

Mark Castillo and Donnie Hill did the scoring for the Sockers. Their coach credited Romin Morin, Brett Becker, Haydn Wilson, Jerry Sparks and Howard Gamble with playing outstanding games in the win. The Cosmos were shorthanded, but played a strong game. Kathleen Garrison, Brett Juskalian, Chris Thornberry and Joshua Benson were team leaders.

Timbers 6, Lancers 1

James Argulus had the only goal for the Lancers with an assist from Sean Waldron. Despite the score, the Lancers had a strong defensive effort throughout the game according to both coaches. Joseph Tuipala, Mike Frederick and Ryan Lilly did the scoring in the win.

Aztecs 2, Strikers 0

Behind solo goals from Ben Friendman and Sean Williams, the Aztecs were easy winners. Outstanding defense by Josh Rogge, Justin Ward, Colby Begin and Miles Ross capped the winning effort. The Strikers got strong performances from Joey Ernst and Adam Summers as they went down to defeat.

Drillers 1, Sting 0

Thanks, in part, to gusty winds, the Drillers nipped the Sting in this battle. Danny Kamben and Nathan Arnold were offensive leaders for the Sting in their vain efforts to score. Kenny Carr booted the long-range goal to give the Drillers the win. Sean Kajiwara and Doug Wilson joined Justin Buckley in assisting with the win.

Blizzard 4, Earthquake 1

Todd Redmond's second half goal was all the scoring the Earthquake squad could muster for the game. Peter Anderson led the defense for the Earthquake. Tommy Ruane scored one goal himself, then assisted on another in the Blizzard win. Jacob Machowsky led the stubborn, winning defense.



Sports

(Continued on Page 7)



RUNNING TRIALS — Youth mini triathlon contestants were able to run for times during last weekend's training session. The Recreational Services Department sponsored event for youngsters 6 to 15 is set for tomorrow (Saturday) at 8 a.m. at the NWC Gym. Late registration will be accepted at 7:30 a.m.

Gym issues camp gear

With summer fast approaching, vacation time will soon be here. Recreational Services Department's Sports Branch has a wide assortment of camping equipment available for military personnel and Center employees.

From a tent trailer for housing to a boat to fish from and a stove to cook on, the Camping Issue Section can take care of recreation equipment needs.

Located in the Center gym, Camping Issue is open 8 a.m. to 9:30 p.m. Monday through Friday. Also, 8 a.m. to 6:30 p.m. Saturdays and noon to 5 p.m. Sundays.

Military personnel may reserve equipment up to 30 days in advance while Center civilian employees can reserve up to 14 days in advance.

For a fishing trip, a ski trip, camping trip or hunting trip, Camping Issue has a great deal of equipment to make the trip more pleasant.

For additional information call NWC ext. 2334.

Scorps drop thriller to San Bernardino Cosmos

Key mistakes led to a 3-1 Inland Empire Youth Soccer League defeat for the Under-19 Scorpions Soccer team on Saturday. The league-leading San Bernardino Cosmos took advantage of the Scorpion errors to walk off with the win playing at Davidove Field.

Bill Ledden and Doug Dragovich led the early Scorpion attack by controlling mid-

field action. Their shots were rebounded by the visitors without damage.

The only score of the first half came when Paul Lehis was tripped, leaving the Cosmos attacker wide open for the shot on goal.

Midway through the second half, the Scorps tied the contest with a dazzling 40-yard run from Scott Piri who passed off to

Scott Bannon for the score.

San Bernardino took the lead for good late in the contest when they grabbed the ball near the Scorps goal and bulled in for the score. They iced the contest with a rebound goal in the closing minutes.

Tomorrow (Saturday) the Scorpions are at home against Deportivo Fontana at a

1:30 p.m. clash. The next day (Sunday), Ridgecrest's team travels to Rialto to face the Rialto Blast.

Coach Karl Kauffman said his team will be hard pressed to catch either the Cosmos or the still undefeated Riverside Devils during the remaining weeks of regular season play in the IEYSL.

Under-16 squad unbowed after thrilling 3-2 victory

Ridgecrest's Under-16 Scorpion Soccer Club remained undefeated when they nipped Moreno Valley's Strikers 3-2 in a game played on China Lake's Davidove Field.

Windy weather dominated the game rather than either team. The gusts turned chip shots into knuckleballs or sweeping curves, hampering scoring efforts on both sides.

The Strikers scored first, but the Scorps quickly evened the score on Matt Ziegler's goal, assisted by Matt Mechtenberg's crossing pass. Later in the first half, Danny Hobson had a ball deflected off the Moreno Valley goalie for a

score and a 2-1 Scorpion lead at the half. Early in the second half the Strikers knotted the score at two all on a penalty kick.

It took an unassisted goal from Armando Valdivia to give the win to the Scorps. Valdivia dribbled from mid-field toward the goal and booted the winning point in.

Coaches cited Valdivia's play as a key factor in the contest that left the Scorps with a 7-0 record in the Inland Empire Soccer League.

The Under-16 Scorpions will return to the battlefield tomorrow (Saturday) when they host Fontana in a game set for 1:30 p.m. at Davidove Field.



The Skipper Sez...

QUESTION

Civilian employee — I have noticed that there are numerous reserved parking spaces around the Michelson Laboratory but there are not many places for visitors to park when you come to visit such places as the photo lab and reproduction. It is almost impossible to park anywhere near the entrances because all of the parking spaces are taken up by reserved parking. Is this right? Thank you.

ANSWER

Parking at Michelson Laboratory has been planned to provide adequate and safe access for all employees. The reserved parking is assigned to the department and employees for their use. An empty space does not mean that it isn't being used. Before you park illegally near the entrance it might perhaps be best to check and see if your department or division would have a space or "A" pass for you to use. We have issued over one hundred twenty "A" passes for codes to use to permit access into the Michelson Laboratory Compound. Furthermore, the reproduction group is located far from the main entrance to Michelson Laboratory. They are located in the northwest corner of the new Engineering building.

All China Laker, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.



HARD WORK RECOGNIZED — Holding the Technical Director's Awards that they have just received are Ron Morey and Crill Maples, as they are joined by Burrell Hays, the Center's former Technical Director, and Capt. K.A. Dickerson, Center Commander. Morey and Maples were honored for their work in building new test facilities and capabilities for missile work.

— Photo by PH2 Rick Moore

Hays tells division members Firefighters tops in nation

"You're the best," Burrell Hays, then NWC Technical Director, told members of the Center's Fire Division at Fire Station One recently.

Occasion for the gathering was the presentation of proof to Center Command that Hays' words were correct — NWC's Fire Division took top honors as the outstanding structural fire department in the large category and outstanding structural fire department, overall, in the 1985 U.S. Navy Fire Protection Association's annual competition.

In addition, the Fire Division also was second runnerup for the Allen G. Ogden Award for crash fire rescue (medium category).

The presentations to NWC were made originally at the annual meeting of the U.S. Navy Fire Protection Association, which is open to the 167 Navy and Marine Corps fire departments world-wide. At this meeting also Lee O'Laughlin, NWC's Fire Chief, was installed as second vice president of the association. Darrell Johnson, Deputy Fire Chief for NWC, is a past president of the association and currently serves as program chairman.

Friday morning Hays and Jim Bowen, Deputy Support Director, represented Command as Fire Chief O'Laughlin made a

presentation of the perpetual trophy that will be in NWC possession for the year, and showed the two trophies and plaques that accompanied this year's awards.

Hays told the assembled firefighters, Roy Parris, new Director of Safety and Security and Don Cortichiatto, who has been acting in that job, that "It's no accident that you've received this award. Everybody here is dedicated. It's truly a China Lake-type organization in which everyone is trying for the same goal — to make China Lake excellent. You're a can-do group and the best. Keep it up!"

In prior years, NWC's Fire Division has received three "outstandings" and two second runnerup awards in the crash category, and in 1984, it also was honored with a second runnerup award in the structural category.

The competition began in 1973 when Major General Harry C. Olson, Quartermaster General of the Marine Corps, challenged Navy and Marine Fire Departments to develop an awards program. First awards were presented in 1974. The Allen G. Ogden crash fire and rescue award was named for the late fire chief at the Marine Corps Air Station at El Toro, who was president of the U.S. Navy Fire Protection Association at the time that the crash and rescue competition began.

Teamwork wins award ...

(Continued from Page 1)
tion process and instrumentation planning/installation."

The letter continues, "Their dedication and technical ingenuity culminated in the successful initial test firing at the Vertical Test Facility and government acceptance of the Radiographic Inspection Facility."

Boyd's nomination concludes that they are "prime examples of the excellent technical management that continues to keep the Naval Weapons Center in its leading position of service to the Fleet."

In commenting on their award, Morey

said that, "This is special to me, but the award is really for everyone who has helped. Their work makes it easy to sell a good product — and we've got a good product to sell."

Maples agreed, saying that "most work rests on many people's shoulders. This has been a super team effort."

Maples holds a degree in mechanical engineering from Oklahoma State University. He has been a Center employee since 1958. Morey holds a bachelor's degree from California State College Bakersfield. He has been at China Lake since 1967.

Community passes issued

On Monday, the Safety and Security Department will begin issuing a Community Pass, 11ND-NWC-5512/34, at the trailer located at the dirt turnout area west and slightly north of the main gate. The passes will be issued from 9 to 11 a.m. and from 12:30 to 6 p.m. Mondays through Fridays.

Applicants need to complete a Community Pass Request, NAVWPNCEN 5510/16, which is available at Telmart. Forms can also be picked up at the trailer.

All individuals must be 16 years of age or older to apply for a Community Pass. Eligible groups include dependents of Center employees and civilian members of various clubs or institutions requiring access to the Center.

Examples include (but are not limited to): Commissioned Officers' Mess, Chief Petty Officers' Mess, Enlisted Mess, Thrift Shop, China Lake Flying Club, Oasis

Garden Club of Indian Wells Valley, Boy Scouts of America, Girl Scouts of America, China Lake Photographic Society, Athletic Association, Sierra Gun Club, Golf Course, China Lake Players, Gem and Mineral Society, Sierra Sands Unified School District and the Naval Weapons Center Federal Credit Union.

Current membership in these groups must be validated at the issuing office. For those organizations that do not issue membership cards or have not provided membership lists to Code 2431, a Community Pass Request must be completed and signed by an individual authorized to validate group membership.

For those individuals who require Center access but are not associated with an eligible group, the Daily Visitor Pass will continue to be required.

Social Security benefits varied

Although the Social Security cash benefits programs and the Supplemental Security Income (SSI) program are administered by the Social Security Administration, the sources of funds required to finance the programs are entirely different.

The Social Security insurance programs are financed almost exclusively by a payroll tax levied against the earnings of workers in Social Security-covered employment, their employers, and the self-employed. The taxes collected are intended to approximate Social Security expenditures; any excess is kept in trust funds and serve as a reserve. By law, these funds can be invested only in federal securities.

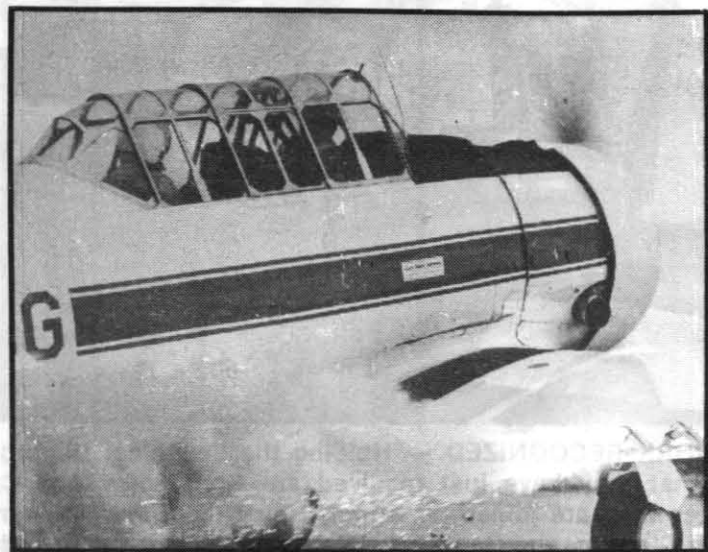
For more information, call the Ridgecrest Social Security Office at 375-7447. The office is open Monday through Wednesday from 8:30 a.m. to 12:30 p.m.



EXCELLENCE RECOGNIZED — Joining China Lake Firefighters in showing plaques and trophies won by the Center's Fire Division in the Navy Fire Protection Association competition are Burrell Hays, Center Technical Director, and Roy Parris, new head of Code 24. The firefighters were rated tops overall out of 167 departments in the structural division, and second runnerup in the crash category. — Photo by PHAN Bob

Rainmakers bring recognition to NOTS

Among the many and varied projects on which the Naval Ordnance Test Station (now NWC) got involved was weather modification — specifically cloud seeding, hur-



75 Years of Naval Aviation

ricane modification and fog abatement.

Best known of the projects was cloud seeding, which resulted in both rain and snow making in the United States and elsewhere.

Work began on the weather modification projects under Dr. Pierre St. Amand in 1957 when a study involving screening smoke for military use led to a new method of producing an aerosol spray of silver iodide particles. The silver iodide compound's potential for successful cloud seeding was well known, but problems of generation, delivery and control had kept its use limited. NWC chemists developed a method of producing aerosol spray in sufficient quantities for effective cloud seeding and a way of dispensing these. Dispensers were built and mounted on the wings of aircraft.

When suitable clouds were found, the silver iodide particles were dispensed, causing the cloud to precipitate out and drop rain or snow on the land beneath.

China Lake's reputation as reliable rain-makers caused the weather modification group to be sought out by the governments of India, the Philippines and the Azores to relieve droughts. The outstanding success of the rain-making resulted in special commendations from foreign governments to those involved as well as expressions of appreciation to the Navy.

Big celebration planned for local Heritage Week



China Lake Police Reports

Preparations for the first American Heritage Week to be celebrated on board the Naval Weapons Center are getting into high gear. The celebration will take place May 19 through 23.

Monday evening's reception at the lanai of the Commissioned Officers' Mess begins with a social hour (with background music provided by the Dixieland Jazz Band) at 5:30 p.m., to be followed by a program at 7 o'clock.

The program will include entertainment by the Shoshone Indian Tribe, folk dancers and gospel singers. Climaxing the evening will be presentation of the annual Equal Employment Opportunity Awards.

Tickets for the reception are \$5 a person to cover the cost of hors d'oeuvres and other of the evening's expenses. They must be purchased in advance and can be obtained by telephoning Mary Lane, NWC ext. 2738; the Program Coordinator's Office in Michelson Laboratory, NWC ext. 1365; Sharon Allen, NWC ext. 7200; or SH1 Madison Bryson, NWC ext. 5522.

Those who plan to wear costumes on Tuesday (and military personnel are going to be able to wear costumes depicting their

national heritage rather than uniforms on that day) are busy getting the costumes ready now.

They'll be able to show off their costumes at Administration Circle during the lunch hour, when they'll also be able to purchase a variety of ethnic food from food booths sponsored by a variety of department recreation committees and local organizations. (Any such group that would like to be able to set up a booth should contact Natalie Harrison in the Program Coordinator's Office, NWC ext. 1362, promptly.)

Wednesday's activities will take place at the Administration lawn (and Wednesday and Thursday food will also be available for those who'd like to buy lunch). Wednesday will be a day of international sporting events: a 5 kilometer fun run (registration will take place that day), a living chess game, a gymnastics exhibition and a karate exhibition.

Thursday, international music and dance will be the highlight of that day's celebration and Friday will be the occasion to display arts and crafts at the Flight Deck room of the Enlisted Mess.

Purdue honors Dr. Derr

Dr. Ronald L. Derr was one of nine of America's leading engineers honored on April 25 at the Purdue University campus as Distinguished Engineering Alumni. He holds a doctorate in mechanical engineering from that university.

Dr. Derr came to NWC as head of the Aerothermochemistry Division in 1973 and

then became head of the Engineering Sciences Division of the Research Department in 1982. He has been head of the Research Department since last Monday.

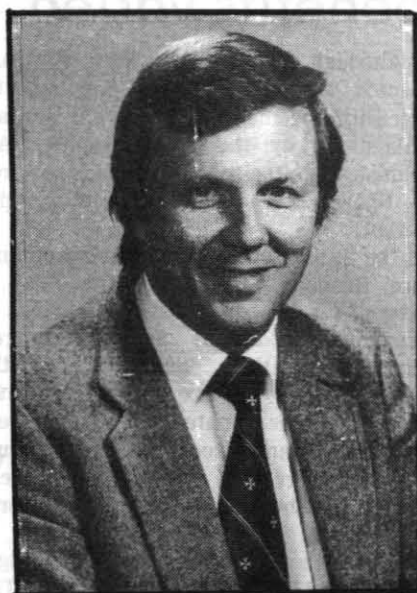
He was honored by Purdue for his leadership ability and scientific and technical achievements as an engineer. His major area of study and research at Purdue was in solid propellant combustion and combustion instability.

Internationally recognized as an expert in combustion of rocket propellants and the interaction of combustion and flow in rocket motors, he is the United States Principal Member of NATO AC/310, the group on safety and suitability for service use of munitions and explosives.

He has also been recognized twice by the Joint Army-Navy-NASA-Air Force (JANNAF) Interagency Propulsion Committee, the highest form of award that JANNAF can bestow on individuals.

During a 15-month tour of duty as liaison technologist at the Office of Naval Research in London, the results of findings, led him to become active in promoting formal exchanges with European countries.

In 1984 he was presented the I.T.E. Thompson Award, the highest award that NWC bestows. He has also published extensively.



Dr. Ron Derr

At 7:45 a.m. last Friday a frantic babysitter phoned police to say that a six-month-old child had fallen and was not breathing. Officer Tom Whalen of China Lake police was first on the scene, immediately began administering cardiopulmonary resuscitation and had the little girl breathing again by the time the Fire Division ambulance arrived on the scene. The baby was transported to Ridgecrest Community Hospital and has been sent down to Loma Linda for treatment according to police reports.

A man was arrested on South Knox Road when he was found to be driving while under the influence of alcohol. Another was picked up while parked in the traffic circle — also for driving under the influence. Both were held for five hours, then cited and released.

A civilian reported that someone driving at Nimitz and Bluebridge was driving while under the influence. By the time that the police arrived, the individual was no longer driving, but was arrested for being drunk in public.

A bicycle was found at the soccer field at Randolph and Knox. It can be identified and reclaimed at the police station by the owner. Another bike was found in the east parking lot at Bank of America.

A 15-year-old boy was arrested for possession of nunchakus, which is a felony. He was released to his stepfather.

A man reported that his wallet was stolen from an unlocked, unattended locker in the gym.

Several vandalism reports were received by the police this past week. At the Harpoon Barracks, someone broke wood off a wooden shack back of the barracks and used the wood as fuel for a barbecue. Someone also broke the plastic grill off a Ford van while it was parked at the Public Works Department parking lot. And, finally, a man reported that someone scratched the paint on his vehicle while it was parked at the Little League Diamond Four.

At 11 p.m. one day last week a 17-year-old female was escorted from the BEQ. Another unauthorized civilian female was also asked to leave the Harpoon Barracks.

When a fire alarm was received from Murray Junior High School, it was found to

have resulted from juveniles tampering with the alarm.

A series of minor traffic accidents occurred on board during the week. A driver in the parking lot south of Harpoon Barracks attempted to make a left turn and struck another vehicle, causing minor damage. In the parking lot at 505 Blandy Avenue, someone hit a vehicle while it was parked, causing damage to the door of vehicle, and departed without notifying the owner. A noninjury accident took place at Sandquist and Inyokern when both drivers tried to make a left turn and get into the same lane at the same time. A man on travel driving a rental car reported that a rock kicked up by the wheel of a truck in Red Rock Canyon flew up and cracked the windshield of his car. And at Knox and Monterey, a Navy vehicle sustained damage to its left grill when it was struck by a soccer ball.

Early one morning, a man arrested for driving while under the influence of alcohol stated he had trouble breathing and hyperventilated. He was transported to the Branch Medical Clinic by ambulance, where it was determined that he was in good enough physical condition to be incarcerated for five hours before being cited into court and released.

A suspicious briefcase was found at 75 Parsons. Police had just responded and were telephoning the EOD unit when the owner of the briefcase appeared and reclaimed his property. At Michelson Laboratory, a Garfield lunch box was found. EOD checked out that the lunch box was empty and police have it in their lost property locker at the station where its owner can reclaim it.

Police investigated a case of possible child neglect at Lane Haven trailer park. Four minor children — aged 4 through 10 years — were living in unsanitary conditions and no food was on hand. Child Protective Services was called with regard to the case. The children have been released to their mother, but an investigation continues.

NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)

500 jumps recorded

UNIQUE MILESTONE — PR1 Harvey L. Hartman (right) and PR1 William E. Leuallen chose Friday, April 25 to make their 500th premeditated parachute jump. Jumping together in support of research, development, test and evaluation, the left NWC's UC-8A Buffalo from an altitude of 15,000 feet over the G-Range drop zone. Both are Naval Test Parachutists assigned to the Aerosystems Department. They are only the 11th and 12th parachutists to have reached this milestone in more than 40 years of parachute testing.

— Photo by PRCM Bob Hudson



FRA readies installation of officers program

China Lake Branch 95, Fleet Reserve Association will hold its 41st installation of officers on Saturday, May 17, at the Chief Petty Officers' Mess.

The evening will begin with a social hour at 6, to be followed by dinner at 7 o'clock. After installation of officers, dancing will complete the evening. Dinner tickets are \$8.25 each, and must be purchased from

either one of the officers or the manager of the CPO Mess no later than May 13.

Officers being installed include A.C. (Skip) Bennett, president; Tina L. Evans,

vice president; W.E. (Wally) Baker, secretary/treasurer; and on the board of directors, H.J. (Joe) Tavare, Opel Anders, Verne C. Tracey, David C. Huntsman, Robert J. Schwaiger and James W. Unger.

All members, their guests, and active duty and retired personnel of the Navy, Marine Corps and Coast Guard are welcome and invited to attend.



Military News

CHAMPUS announces revised policy

Starting July 1 of this year, CHAMPUS will pay for care in residential treatment centers (RTCs) on the basis of fixed daily rates rather than paying billed charges.

CHAMPUS has asked RTCs to sign new participation agreements which will set payment rates for each center up to a maximum daily rate of \$284 per day. The agreements are also expected to allow greater control of the quality of care in RTCs.

Under the new payment system, RTCs

must agree to accept the CHAMPUS-determined daily rate as their full fee. This means they may not charge the patient's family for any difference between the fixed rate and what they would otherwise charge for the care. For active-duty families this amounts to \$7.30 each day or \$25 per admission, whichever is greater. Retiree families pay 25 percent of the new fixed daily rate.

Whether or not an RTC signs an agreement, CHAMPUS will continue to pay at

the current rate for patients admitted prior to July 1, until the patient is either discharged or transferred or Aug. 31, whichever comes first. Families will have time to make other arrangements, if necessary, and patients can stay in the RTC through the end of the summer.

CHAMPUS will contact families of RTC patients who are in facilities that don't have agreements and will assist families with arrangements for transfer, if necessary.

AE3 Marty Chilton receives honor ...

(Continued from Page 1)

After he became qualified as a plane captain in minimum time, Petty Officer Chilton was assigned as the Line Division Training Petty Officer, responsible for monitoring the training of all newly assigned plane captains.

Additionally, in the course of his duties as a plane captain for the Hornet, AE3 Chilton recognized an inherent design problem with F/A-18 exhaust covers. He developed a solution, submitted it as a beneficial suggestion, and has seen it introduced throughout the Fleet.

Active in church, command and com-

munity activities, Petty Officer Chilton was a four-sport athlete in high school, as well as taking part in several extra-curricular clubs. In addition, he worked in the family restaurant and as a stock clerk while helping his brother in weight lifting instruction.

Other contributions, outside the workplace have included participation in Project Community Pride, the Navy Birthday Celebration at NWC and his church's Outreach Ministry Program.

He and his wife, Susie, were also honored in the past year for having the Yard of the Month in the Center's residential area.

In addition to a full work schedule, Petty

Officer Chilton has pursued a college education, completing a year's worth of college work at Cerro Coso Community College while assigned to NWC.

Admiral Clark told the first term sailor his "contributions to the command have undoubtedly enhanced the Naval Weapons Center's readiness to fulfill its mission. You can take pride in your contribution to your command and the Navy. Well done!"

Petty Officer Chilton will represent the Space and Naval Warfare Systems Command in the Navy's Shore Sailor of the Year competition.

Sports Branch offers aerobics, sailing

Center employees and military personnel interested in getting or staying in top physical condition can take part in dance aerobics class being offered starting Monday, May 12. The program being offered by the NWC Sports Branch, will be held 11:30 to 12:30 Mondays and Wednesdays.

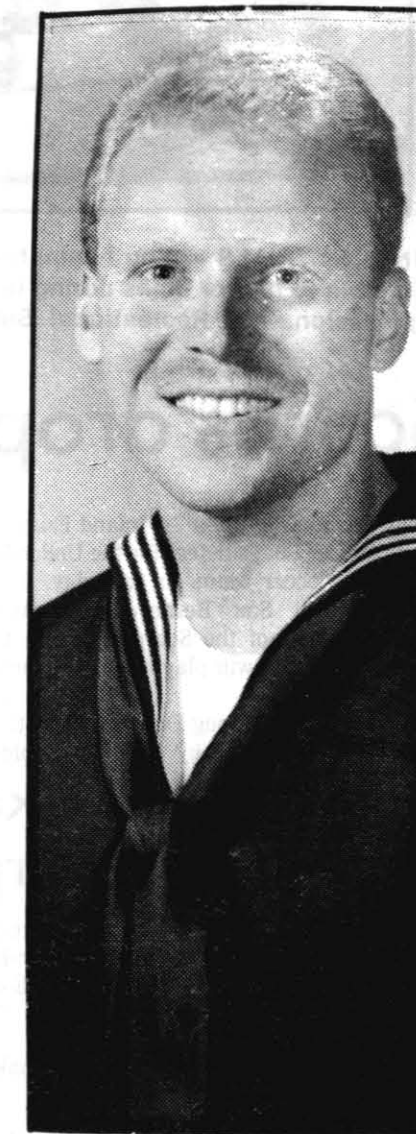
There is a \$16 fee for the program. To register call 446-5206.

Also, military personnel can take part in the Navy Regional Sailing competition on June 9-13 at the Naval Amphibious Base, Coronado.

Health tip

In addition to the human costs of health risks associated with smoking, there are economic costs. For example, absenteeism among male smokers is 57 percent higher

than for male non-smokers; female smokers have a 45 percent higher absenteeism rate compared to their non-smoking counterparts.



TOP SAILOR — AE3 Marty Chilton has been named the Space and Naval Warfare Systems Command Shore Sailor of the Year for 1986. Petty Officer Chilton, NWC's Sailor of the Year, will not compete for the Navy Shore Sailor of the Year.

Computer Science classes

COMPUTER SCIENCE STUDENTS PLEASE NOTE!

CS49 — Assemblers (a Cerro Coso Community College course) will be held at the Training Center on Tuesdays, Wednesdays and Fridays from 11:30 a.m. to 12:30 p.m., July 8 through August 14.

This class is designed for those individuals who have had some assembly language experience or have had a formal course in assembly language programming some time ago. This 1-unit class is designed to prepare those individuals for CSCI 171 — Computer Architecture, which will be offered in the fall. Vic Stone is the instructor.

COMPUTER SCIENCE STUDENTS PLEASE NOTE — A new course has been added to the schedule for this academic year. The course is CSCI 397C: Special Problems: Workshop/Practicum on Computer Programming Management. Class will be held on June 7-8, July 12-13 and August 23-24. For more information, consult the summer course schedule advertised in "NWC Announcements" and "Rocketeer" or call Cecil Webb at NWC ext. 2648.

CSB MPA program altered

Effective July 1, a new master's program, M.S. in Administration, will take the place of the Master of Public Administration program offered at NWC through Cal-State Bakersfield (CSB). There will be a two-year transition period to accommodate current MPA students so that they can finish degree requirements. Individuals making application to the program after June 30 will earn the M.S. in Administration. Courses will transfer between programs during the two-year period so that there should be no loss of units.

CSB advocated the change because of changing on-campus MPA program requirements difficult to implement at NWC and because the new program is even more related to the administration work of NWC. The curriculum for the new program is specifically designed for NWC.

Current MPA students and those interested in the new program are urged to attend an information briefing on the transition to the M.S. in Administration program which will be held at the Commissioned Officers' Mess on May 23 at 10:30 a.m.

Computer Science classes

Cerro Coso Community College will offer five Computer Science courses during the summer 1986 semester which begins June 23.

Computer Science 15 was designed for computer science majors as an introduction to elementary PASCAL language. Computer laboratory activity will be required. Classes will meet on Monday, Tuesday and Thursday evenings from 6 to 10 p.m. beginning June 23 and ending August 14.

Computer Literacy, a hands-on microcomputer course, is designed for people who have had little or no exposure to computers. It will cover simple programming, word processing, spreadsheeting and

records management. Classes will be from June 24 through July 27 on Tuesday, Wednesday and Thursday evenings from 5 to 8 p.m.

Other Computer Science courses being offered include: **Computer Applications — Word Processing; Assemblers; and Text Editor for CP/M Operating Systems.**

Registration for Computer Science courses will take place on June 17, 18 and 19 for both new and continuing students from 9 a.m. to 1 p.m. and between 2:30 and 6:30 p.m. No appointments are necessary.

For information on receiving tuition support from NWC, see article entitled Cerro Coso Sets Registration.

Engineering drawing taught

Cerro Coso Community College will offer two course in **Engineering Drawing** beginning June 23.

Engineering Drawing 1a will be a fundamental class based upon the American Standards Association "Drawing and Drafting Room Practices;" lettering; freehand detail drawing; and so forth. William Boland will instruct the course on Monday, Tuesday and Wednesday evenings from 5:30 to 9:30 p.m.

William Maxwell will instruct **Engineering Drawing 30b, 30c**, on Monday, Tuesday and Wednesday afternoons from 1 to 5 p.m. This course will cover advanced work in fundamentals, techniques and so forth.

Preparation of detailed working drawings, exploded views, assembly drawings and an introduction to reproduction processes will also be covered. Emphasis will be placed on team design work. Field trips will be offered.

Continuing students may register on June 16 from 9 a.m. to 12 noon and from 2 to 6:30 p.m. New and continuing students may register on June 17, 18 and 19 from 9 a.m. to 1 p.m. and from 2:30 to 6:30 p.m. An enrollment fee of \$15 will be due at the time of registration for each of these courses.

For information on receiving tuition support from NWC, see article entitled Cerro Coso Sets Registration.

Writing competency test set

The Upper Division Writing Competency Examination will be given on June 18.

Cal-State Bakersfield students (both undergraduate and graduate) may satisfy the writing competency requirements by passing this examination.

Cal-State Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to taking

the exam.

Those individuals planning to take the Cal-State Chico course CSCI 172, Systems Architecture, must pass the writing exam prior to the beginning of the course.

The examination fee is \$10. Checks must be made payable to Cal-State Bakersfield.

Contact Kit Driscoll at NWC ext. 2648 to arrange to take the exam.



Personnel Development Opportunity

INTRO TO VAX/VMS & DCL COMMANDS

9-13 June; Monday-Friday 0730-1130; Training Center. By: Walter Gallant, Mini&Micro Ed. Svc.

Intended Audience: Nonprogrammers. This course is for the individual who will be using Digital's VAX/VMS system but will not be writing programs.

Course Objectives: Upon completion of this course, individuals should be able to use Digital's VAX/VMS system as a tool. Individuals will be able to log into the system, run canned software packages such as wordprocessor and electronic mail, and get off the VAX.

Course Topics: Introduction to computers, what is a VAX, operating systems, VMS, command language--DCL, terminal types, logging into the VMS system, directories and subdirectories, changing the default directories, file specification and file types, file protection, understanding error messages, command procedures, and much more. This course is also recommended for Micro VAX users.

Deadline 23 May.

READING THE NIF 009 "DETAIL"

3 and 4 June, Tuesday and Wednesday, 0800-1130, Training Center. By: Hank Snell.

Scope: Designed to help you read and understand one of the most important reports produced by the Center's Navy Industrial Fund (NIF) financial system. This course covers the basic NIF concepts of cost center, accounting shop, job order structure, labor acceleration, stabilized rates, and applied overhead. The job order transaction cycle (commitment, obligation, accrual, and cost) is covered, for labor, inventory issues; DES orders and contracts for material, services, and equipment; travel; cost distributions and transfers; and "bad charges." A financial report overview covers the CFM004, the CFM070, and the DES005 and other Center financial reports.

Deadline: 20 May.

BETTER BRIEFINGS

10 and 11 June; Tuesday, 0800-1600; Wednesday, 0800-1700; Training Center. By: M. Cartwright.

Scope: Addresses the three goals that most people have when they make technical presentations.

(1) to communicate information effectively, (2) to demonstrate technical competence, and (3) to not appear nervous. You will learn techniques that will give you confidence in all three areas. Topics include goals for different types of presentations and audiences, organization of material, nonlinear outlining, level of detail, visual aids, making good viewgraphs, preparations for being seen and heard, handling nervousness, delivery, and handling questions. For the final activity you will give a short presentation that will be videotaped, played back, and discussed.

Deadline: 27 May.

DONT—PREVENTION OF SEXUAL HARASSMENT CLASS FOR SUPERVISORS

12 June, Thursday, 0800-1530, Training Center. By: NWC Sexual Harassment Prevention Training Staff.

Scope: This is the Department of Navy approved "Prevention of Sexual Harassment" training course that is mandatory for all supervisors. This course includes defining sex discrimination and sexual harassment, the legal and regulatory bases, organizational responsibility for prevention, supervisor counseling skills, and other related topics.

Deadline: 29 May.

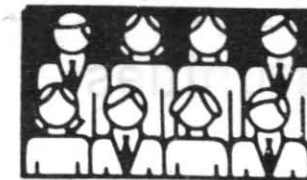
MANAGING FOR THE NINETIES: GLOBAL ACCOUNTABILITIES

June 11-13, 0800-1600; Training Center. By: McFletcher Associates.

Scope: This class surveys the skills and insights needed to make effective decisions in our fast-moving and increasingly unpredictable culture. Emphasis is placed on understanding the nature of our changing work force, how organizations became the way they are and how managers at all

levels can help their organizations adapt to change. The session will be conducted using "think tank" approach where students will consider and challenge conflicting organizational theories and practices, such as how to use the concept of "simple form and lean staff" in a DOD bureaucracy. This class is for managers and supervisors at all levels. This class involves student participation and pre-class reading.

Deadline: May 23.



Personnel News & Notes

No. 61, May 9, 1986

Naval Weapons Center, China Lake, California 93555 6001

Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed.

APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledges/Skills/ Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. ASF-86-17(LC), Copier/Duplicating Equipment Operator, GS-350-4, Navy Publications and Printing Service, Code 8300 — Duties: Sets up, adjusts, monitors, operates and performs preventive and minor maintenance on a high-speed off-line electronic page printing system to produce printed pages from 9-track magnetic tape. Mounts magnetic tapes onto tape drive unit. Enters commands into CPU via keyboard to initiate EPPS software and describe the format of the jobs to be run. Controls all processing and printing of job(s) run. Reviews sample output copies to ensure continuing quality of printed pages. Interprets systems diagnostic messages and takes appropriate corrective action. May operate other equipment; e.g., copier duplicators, diazo equipment, etc., and perform simple bindery functions.

Qualifications: Applicants must have twelve months of equipment operating experience at the next lower grade level or at an equivalent level of operating difficulty of which nine months must be specific operating experience and three months of specialized operating experience. Specialized Operating Experience is experience in the operation of microform equipment, mail processing equipment, duplicating equipment or peripheral equipment. Specific Operating Experience is experience in the operation of xerographic or electrostatic copiers, telecopiers, magnetic computer tape to hard copy equipment, high-speed copier/duplicators, diazo equipment, photostat equipment, and fluid and stencil equipment. Elements: Knowledge of data processing and computer language techniques; ability to follow directions, instructions and job specifications; ability to operate peripheral and support equipment comparable to the Electronic Page Printing System (EPPS). Note: Candidate must be willing to work any shift, any day of the week and at any location of the NPPSDBO, China Lake. **Physical Requirements:** Applicants must be able to occasionally lift moderately heavy (up to about 50 pounds) supplies such as boxes of paper. Applications (SF-171) and Supplemental Qualification Statement can be picked up at NP-PSDBO, Building 1041. Applications and supplements will be accepted at NP-PSDBO, Building 1041.

No. 08-031, Clerk-Typist, GS-322-2/3/4, Code 0854 — This position is located in the Travel Branch of the Customer Services Division. The incumbent receives phone calls and answers routine questions; reviews travel orders; verifies entitlements; provides estimates and computer per diem, mileage and other transportation costs; and performs other related duties. **Abilities:** to plan, organize and accomplish work independently; to research, comprehend and apply travel regulations; to perform routine clerical functions; to use a typewriter and calculator; and to interact tactfully with all levels of NWC personnel. Promotion potential to GS-4.

No. 08-032, Supervisory Accounting Technician, GS-325-7, Code 08621 — This is a temporary position not to exceed one year. This position is located in the Cost Accounting Branch, Accounting Division, Central Staff. Incumbent serves as a supervisor in the control and maintenance of Cost Accounting records and subsidiary ledgers for the Commercial Orders Section, night shift. The tour of duty is 1500-2330 (1/2 hour lunch). Duties include supervising six accounting technicians; providing on-the-job training and reviewing the work of employees; preparing performance plans and monitoring the work performance of employees; maintaining a current knowl-

edge of and answering questions concerning procedures, policies and directives used in the section; reconciling subsidiary ledger accounts to general ledger accounts; validating costs and accounting records; and researching aged financial transactions to clear accounts. **Knowledge:** of the Integrated Disbursing and Accounting System; of the Document Entry System; of NAVCOMP regulations; and of NWC Personnel, Policies and Procedures. **Abilities:** to supervise employees in the performance of their duties; to communicate effectively, both orally and in writing; to meet financial deadlines; to interpret and apply a body of regulations and procedures. Must be willing to support the EEO program.

No. 08-033, Lead Accounting Technician, GS-525-6, Code 08621 — This position is located in the Cost Accounting Branch, Accounting Division, Central Staff. Incumbent serves as Lead Accounting Technician in the control and maintenance of cost accounting records and subsidiary ledgers for the Commercial Orders Section. Duties include providing on-the-job training to new employees; maintaining a current knowledge of and answering questions of other employees on procedures, policies and directives used in the section; reviewing, revising and updating desk procedures used in the section; reviewing incoming BPAs and amendments for accuracy and completeness; reconciling subsidiary ledger accounts to GLA accounts; auditing computer reports for accuracy; validating costs and accounting transactions; researching aged financial information to clear accounts; and assumption of supervisory duties in the absence of the Section Head. Incumbent has extensive contact with NWC project, budget and supply personnel and provides information on various vendor inquiries. **Knowledge:** of the Integrated Disbursing and Accounting System; of the Document Entry System; of NAVCOMP regulations, in particular Volumes IV and V; and of NWC Personnel, policies and procedures. **Ability:** to lead/supervise employees in the performance of their duties; to communicate effectively both orally and in writing; to meet financial work deadlines; to interpret and apply a body of regulations and procedures; and to deal effectively with people. Promotion potential to GS-6.

No. 22-8618, Lifeguard/Swimming Instructor, PS-0189-4, \$4.89 per hour, Temporary Not To Exceed 9/15/86, Code 2226 — Incumbent monitors activities and maintains order in and around a pool, performs cleaning and maintenance duties as required. Instructs all levels of swimming classes. **Qualification Requirements:** American Red Cross Advanced Lifesaving, WSI and good physical condition. CPR and First Aid certification recommended. This is not a Civil Service position.

No. 22-8617, Head Lifeguard, PS-0189-5, \$5.19 per hour, Temporary Not To Exceed 9/15/86, Code 2226 — Incumbent monitors activities and maintains order in and around the pool. Supervises the personnel assigned to the facility. Insures that the pool is properly cleaned and maintained. Performs necessary administrative tasks, instructs all levels of swimming classes, conducts in service training of staff. **Qualification Requirements:** American Red Cross Advanced Lifesaving, WSI, good physical condition and one year previous lifeguarding experience. CPR and First Aid certification recommended. This is not a Civil Service position.

No. 22-8619, Lifeguard, PS-0189-3, \$4.58 per hour, Temporary Not To Exceed 9/15/86, Code 2226 — Incumbent monitors activities and maintains order in and around a pool, provides a safe environment for pool patrons, performs cleaning and maintenance duties as required. **Qualification Requirements:** American Red Cross

Advanced Lifesaving and good physical condition. CPR and First Aid Certification recommended. This is not a Civil Service position.

No. 25-008, Clerk-Typist, GS-322-3/4, Code 2502 — This position is located in the Administrative Services Section of the Staff Office, Supply Department. The duties include receiving, reviewing and distributing all correspondence for Code 25, maintaining library and central files; and maintaining distribution lists for all types of Supply Publications. The incumbent also provides clerical and typing support to the Staff Office Secretary and to the Department Secretary. **Ability:** to index and file; to work independently; to receive and distribute incoming and outgoing correspondence. Promotion potential to GS-4.

No. 31-137, Supervisory Interdisciplinary General/Mechanical/Electronics/Electrical/Physicist/Mathematician/Operation Research Analyst, DP-801/830/855/1310/1520/1515-3/4, Code 3192 — This position is that of Head, A-6E Project Branch, Systems Engineering Division, Aircraft Weapons Integration Department. As branch head, the incumbent will direct a multidisciplinary staff which provides tactical system design, algorithm development, functional analysis, tactical software design, system and software testing and implementation for the A-6E aircraft. Elements: Knowledge of operational software development, knowledge of digital computer simulation; knowledge of and ability to support NWC EEO Program; ability to lead and manage a project branch. Promotion potential to DP-4.

No. 31-139, Clerk-Typist, GS-322-3/4, Code 3107 — This position is located in the F/A-18 Program Office, Aircraft Weapons Department. The incumbent is responsible for providing clerical support in the form of typing, filing and maintains the F/A-18 WSSA briefing material files; compiling briefings upon request. Position requires frequent personal and telephone contact with individuals at all levels of the Navy. Elements: Ability to use tact and diplomacy in dealing with both on and off center personnel; ability to screen and distribute incoming mail; ability to work well under pressure; ability to use or learn to use the IBS DisplayWriter. Promotion potential GS-4.

No. 34-011, Acquisition Technician, GS-303-4/5, Code 3433 — This position is in the Technical Services Branch of the Technical Library. This branch is responsible for the acquisition, cataloging and processing of materials, supplies, systems and services for the division including ADP, online systems and services. The incumbent acts as contracting and ordering officer with primary responsibility for the acquisition function. Responsible for data input, operation and maintenance of the periodicals data base. KSAs: Knowledge of principles, practices and execution of Blanket Purchase Agreements. Ability to prepare stubs, statements of work, independent government estimates and delivery orders on existing contracts. Knowledge of library materials, systems and services. Demonstrated use of oral and written communication skills in dealing with difficult situations. Promotion potential to GS-6, subject to classification. Applicants who lack the required 6 month directly related specialized experience will be considered for a 6 month detail to gain that experience.

No. 35-038, Supervisory Electronics Engineer/Physicist, DP-855/1310-3/4, Code 3543 — Incumbent will plan branch objectives and programs, manage and provide technical direction of advanced electronic warfare exploratory and development programs assigned to the Countermeasures Branch. Will provide supervision and guidance to approximately 12 subordinate personnel, including engineers and techni-

cians. Responsible for support of the EEO program. Knowledge: electronic warfare concepts and technology; radar theory and techniques; affirmative action principles including a willingness to implement EEO practices. Abilities: perform as a first-line supervisor; manage an organization; plan,

organize and manage a technical program; influence and motivate others; communicate in writing. Selection at the DP-3 level does not guarantee promotion to DP-4. Required supplemental form is available in Room 100 of the Personnel Building.

Reassignment opportunities

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

No. 31-130, Interdisciplinary Physicist/Mathematician/Mechanical/Aerospace/General Engineer, DP-1310/1520/830/861/801-2 or 3, Code 3196 — This position is located in the Systems Analysis Branch of the System Engineering Division, Aircraft Weapons Integration Department. The incumbent will be responsible for contributing to a wide variety of tactical aircraft weapons systems and mission effectiveness analyses. General tasks involve deriving performance requirements for advanced concepts and implementing proposed changes to current systems. Knowledge of or experience in one or more of the following is required: mathematical modeling, simulation, weapon ballistics, sensitivity analyses, digital filters and algorithm development. To apply for this position, send a current SF-171 to R.L. Rockwell, Code 3196, NWC ext. 5431.

No. 31-138, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Computer Scientist/Physicist/Mathematician, DP-855/861/830/801/1310/1520-2/3, Code 3146 — This position is in the A-6/AH-1 Weapons Integration Branch, System Integration & Evaluation Division, Aircraft Weapons Integration Department. The incumbent performs software engineering for the A-6F Stores Management System (SMS). Duties include analysis of SMS software design, modeling of critical elements, prototyping of software fixes and upgrades, and system integration and testing with other aircraft subsystems. Frequent contact with sponsors, aircrew personnel, contractors and other government agencies is required. Moderate travel. To apply, send updated SF-171 to D.L. Watt, Code 3146, NWC ext. 5201.

No. 39-021, Interdisciplinary General/Electronics/Mechanical/Aerospace/

Industrial Engineer/Physicist, DP-801/855/830/861/896/1310-3, Code 39B4 — This position is in the RAM project office as manager for Rolling Airframe Missile (RAM) Government Furnished Material (GFM) components. RAM is in the final phase of FSED testing and is going into the production phase. Duties of the position involve the management of the Contact Fuze, Proximity Fuze, Arming-Firing Device, Reduced Smoke Rocket Motor and applicable Test Sets. Responsibilities include overseeing development efforts, maintaining product assurance, coordinating environmental qualifications, maintaining GFM inventory and monitoring of GFM performance for Test and Evaluation. The ability to participate effectively as a member of a technical team and to communicate both orally and in writing is necessary. Please submit current SF-171 to B. Campbell, Code 39B4, NWC ext. 3741.

No. 625-011, Electronics Engineer, DP-855-1/2/3, Code 6255 — This position is in the Advanced Systems Branch of the Data Systems Division of the Range Department. The branch is responsible for the development of advanced range instrumentation systems. The incumbent will participate in the analysis, design and development of electronic components associated with range weapons test support instrumentation, including optical, radar and laser tracking systems. Position requires the following: ability to design electronic circuitry utilizing microprocessors, digital and analog components. Knowledge of structured design procedures. Ability to use DEC mini's. Knowledge of video, optical and/or radar instrumentation system. Promotion potential to DP-3. Send SF-171's to Bob Harriman, Code 6255, NWC ext. 6337.

Secretarial opportunities

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

Applicants will be rated against 4 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 positions; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/5/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; 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.

No. 32-211, Secretary (Typing), GS-318-4/5, Code 3273B — Provides secretarial support to the Vertical Launch Program office. Promotion potential to GS-5.

No. 35-026, Secretary (Typing), GS-318-4/5, Code 3522 — Provides secretarial support to the Advanced Technology Branch. Knowledge of Xerox 860 desirable. Promotion potential to GS-5, however it is not guaranteed.

No. 32-210, Secretary (Typing), GS-318-4/5, Code 3242 — Incumbent provides secretarial support to the Thermal/Structures Branch located in the M/L compound.

Promotion potential to GS-5.

No. 39-022, Secretary (Typing), GS-318-5/6, Code 391 — Provides secretarial support to the Weapons Synthesis Division. Promotion potential is GS-6.

No. 622-001, Secretary (Typist), GS-318-4/5, Code 6222 — This position is located in the Track Operations Branch, Range Operations Division, Range Department at SNORT. The employee provides all the secretarial help needed at the SNORT facility. Promotion potential to GS-5, but not guaranteed. Experience on IBM PC and/or Mag Card A preferable but will train.

Recent Separations

Code	Name	Title
01	Hays, Burrell W.	Techl Dir/Consultant
01A2	Jenkins, L. Duane, Jr.	Mathematician
08	Courbron, Toska M.	Accountant
087	Bunch, Mary E.	Budget Analyst
0881	Atencio, Abelino E.	Computer Operator
089	Perkins, Lesley R.	Fiscal Accounting Clerk
2413	Day, Jacquelyn L.	Police Dispatcher
24223	Bailey, David B.	Firefighter
26418	Henderson, Paul G.	Carpenter
31	Claunch, June B.	Secretary (Stenography)
3335	Kirschsieper, Henry J.	Electronics Engr Supvy
3412	Cabe, Georgia M.	Techl Pub W/E (PS&E)
3412	Deis, Helen R.	Techl Pub W/E (PS&E)
36515	Taft, Robert E.	Engrg Data Mgt Spec
36532	Moore, Michael A.	Engrg Tech
3665	Bouclin, Peter	Engrg Tech

Non-appropriated Funds Arrivals

2213	Moreno, Edgar
2213	Lambert, Jonathon
2222	Hensley, Nancy
2213	Powell, Robert
2213	Craddock, Mary

Non-appropriated Funds Departures

2227	Cooper, Amy
2213	Lambert, Jackie

Tickets available for reception

Tickets for the reception that begins American Heritage Week at the Naval Weapons Center are now available. The reception will be held on the lanai of the Commissioned Officers' Mess on Sunday, May 19, starting with a social hour at 5:30 p.m.

At 7 o'clock, presentations will be made by the Shoshone Tribe, a local folk dance group and a gospel choir. Highlight of the evening will be the presentation of Equal Employment Opportunity Awards.

Tickets for the reception are \$5 a person to cover cost of the hors d'oeuvres. They may be purchased from Mary Lane in the Personnel Building, NWC ext. 2738; the Program Coordinator's Office in the lobby of Michelson Laboratory, NWC ext. 1365; Sharon Allen, CLPL, NWC ext. 7200; and SHI Madison Bryson, Hangar 3, NWC ext. 5522. Tickets must be purchased by close of business on May 14.

Everyone at China Lake is invited to attend.

California State University Summer Classes

The following classes are being offered this fall for the Cal-State Chico Computer Science Program (Bachelor's and Master's Degrees), the Cal-State Northridge mechanical Engineering (Master's Degree) and Electrical Engineering (Bachelor's Degree) Programs; and the Cal-State Bakersfield Business (Bachelor's Degree) and Public Administration (Master's Degree) Programs.

To enroll in these classes (other than Cerro Coso), submit a Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Although training requests will be accepted after the deadline, that date will be used to determine whether the class will "go."

The student is expected to have had an introductory course in integral calculus. Note: Statics is not a prerequisite for this course, though normally it is taken first.

Text: "Vector Mechanics For Engineers: Dynamics," Beer and Johnston. McGraw-Hill, 4th Edition.

NOTE: This is a required class for the on-Center Bachelor's program in Electrical Engineering.

Wiley and Sons.

NOTE: EE 360A and ME 316 are classes for the on-Center Bachelor's program in Electrical Engineering.

EE 459: MICROPROCESSOR SYSTEMS (4 units)

June 2-July 29, Lecture on Mondays 1000-1200 and Tuesdays 0730-1000; Laboratory on Mondays 1400-1500. Training Center for Lectures and Cerro Coso Community College for Laboratory. By: Professor Robert Wong, CSUN.

Prerequisite: EE 355 (Theory of Digital Systems).

Scope: Studies of microprocessor architectures and microcomputer systems. Bit-slice, four-bit, eight-bit and sixteen-bit processors. Basic microprocessor software considerations, microprogrammable microprocessors. Microcomputers system design considerations, applications and future trends.

Text: "Microprocessor Systems Engineering," Camp, Smay and Triska, Matrix Publishers Inc., 1979.

NOTE: EE 459 is a senior elective for the on-Center undergraduate degree in electrical engineering. It also carries graduate credit.

EE 360A: LINEAR SYSTEMS (3 units)
May 29-July 25, Thursdays, 1600-1830 and Fridays, 0730-1000; Training Center. By: Professor Jagdish Prabhakar, CSUN.

Prerequisite: EE 260 (Electrical Engineering Fundamentals).

Scope: A systematic development of linear system response models in both the time and frequency domains. Concentrates on continuous system models. Techniques developed include Laplace transform, Fourier analysis, impulse response, convolution and state variables for continuous linear systems.

Text: "Signals and Linear Systems," Second Edition Gabel and Roberts, John

Business and Public Administration

MGT 300: MANAGEMENT AND ORGANIZATIONAL BEHAVIOR (Formerly BA 322) (5 quarter units)

June 16-July 17, Mondays and Thursdays, 1600-2100 (1-hour dinner break); Training Center. By: Professor Martin Marsh, CSB.

Scope: An introduction to organizational and management concepts and theories with special attention to individual and group behavior, perception, motivation, influence processes, interpersonal communication and international issues.

NOTE: This is a required course for the BS in Business Administration and a required foundation course for the Master of Public Administration program.

BA 490: SENIOR SEMINAR IN BUSINESS ADMINISTRATION (5 quarter units)

June 16-July 17, Mondays and Thursdays, 1600-2100 (1-hour dinner break); Training Center. By: Dean Harry Kelsey, Jr., CSB. Prerequisites: BA 370, BA 374, FIN 300 (Formerly BA 381), MGT 302 (Formerly BA 321) and MKT 300 (Formerly BA 340).

Scope: A terminal integrating course. Analysis of a wide range of policy decisions, with focus on the role of the executive in planning and implementing programs.

NOTE: This is a required course for the BS in Business Administration.

PPA 530: ADMINISTRATION IN MULTICULTURAL SETTINGS (5 quarter units)

June 17-July 18, Tuesdays and Fridays, 1600-2100 (1-hour dinner break); Training Center. By: Professor Everett Mann, Jr., CSB and Professor Phillip Paris, CSB.

Scope: The theory and practice of effective management in multicultural contexts is relatively new and is a direct result of more than 10 years of affirmative action process related to realizing a representative bureaucracy. The increased presence of ethnic minorities and women

within the structures of service organizations and increased services to multicultural communities and clients have provided challenges and opportunities to management and supervisors to reassess traditional supervisory practices. This course will explore those facets of organizational culture which have changed or are in the process of change because of this new presence.

NOTE: This class fulfills the CSU Chico ethnic studies requirement and also satisfies an upper division general education requirement for the BS in Business Administration program.

FIN 477: FINANCIAL PLANNING (5 quarter units)

August 4-September 4, Mondays and Thursdays, 1600-2100 (1-hour dinner break); Training Center. By: Professor Shakoari, CSB.

Scope: This course is designed to give students a broad and sound background in the concepts and principles of personal finance. The topics include the basic tools of financial planning and money management, such as decisions on spending and investments, protection of assets and income through various insurance vehicles, retirement planning, tax planning and estate planning. The course includes a few case analyses and projects. Students are required to complete a personal retirement plan by the end of the term.

GENERAL COMMENTS

1. Textbooks are available at local stores locally.

2. Job-related courses other than those listed above must be approved on an off-Center Training Request (DD Form 1556), before registration if NWC is expected to pay for the training. For more information contact Cecil Webb, NWC ext. 2648.

Engr. 23 required

UNDERGRADUATE ENGINEERING STUDENTS PLEASE NOTE!

Engr. 23 — Properties of Materials (a course taught by Cerro Coso Community College and required for the BS degree in electrical engineering) will be held Tuesdays and Thursdays from 4:30 to 6 p.m. this fall.

This change in schedule was made because of the conflict with Math 6C.

The lab portions of Engr. 23 (one three-hour session per week) will probably be held Tuesdays or Thursdays after the lecture.

Cerro Coso sets registration

Cerro Coso Community College has established registration for summer courses on June 16 through June 20. Schedules, which should be released by Cerro Coso approximately May 16, will be available in the Training Center lobby.

The Center will pay for full tuition if the courses are provided under the NWC/Cerro Coso Contract. If courses are job-related or will strengthen an individual's contributions to the Center's mission, tuition will be paid directly to the college by Code 094. A DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) must be submitted via department channels to Code 094.

If a course is not directly job-related, along with the DD Form 1556 a NAVWPNCEN 12420/66 (Academic Enrollment Justification) and a NAVWPNCEN 12410/68 (Individual Development Plan) describing how the course fits into the overall career plan and how attendance at the course will strengthen the individual's contribution to the Center's mission, must be submitted.

If an individual is not yet a California resident, a statement from the supervisor indicating the negative impact to NWC of postponing the training until residence is established, must be submitted.

Code 094 will return the approved DD Form 1556 to the originating party. This must be brought to Cerro Coso during registration in order for NWC to pay tuition.

A DD 1556 is not required for co-op students. Co-op students must inform the registrar that they are co-op students while registering.

Requests for tuition support (DD 1556) must be received by CLOSE OF BUSINESS June 6 so that they may be processed and returned in time for registration. Those received after that date will be returned and employees will have to pay the tuition themselves. EMPLOYEES WHO PAY TUITION WILL NOT BE REIMBURSED.

For further information, contact Cecil Webb, NWC ext. 2648.