



HARD WORK REWARDED — Volunteers who served in the Thrift Shop operated by WACOM received certificates at the final WACOM meeting for the 1984-85 year held recently. Those present to receive their certificates included (in the order, l. to r., in which they

are seen) Dorothy Jackson, Evelyn Callaway, Mary Sue Hough, Billie Hise, Erlinda Herbster, Ivy Meyer, Jane Guignet, Lesta Hays, Maggie Tate, Diane Collins, and Lesley Shaffer. Some of these were honored for work in prior years. — Photo by PH2 Rick Moore

Suggestions offered for home pool safety

Swimming in the backyard pool during the summer months is not only a good sport, but also an enjoyable one for the whole family. Unfortunately, fun can turn into tragedy unless people are aware of swimming pool safety rules.

The following precautions are the best way to reduce the potential of disaster in the swimming pool area, and are recommended by the Kern County Health Department.

A person should never swim alone, or after eating, drinking, or taking drugs of any kind. Also, a swimmer should never dive into water where the depth is not clearly marked. Young children should be under constant supervision while in or near the pool, and everyone should be made aware that safe conduct is a must when in a swimming pool area.

Pool care awareness is also helpful to swimming pool owners in helping to avoid drownings or injuries. The following swimming pool care rules are recommended.

Mountain Rescue Grp. slates annual class in mountaineering

The annual basic rock climbing/mountaineering class sponsored by the China Lake Mountain Rescue Group will be held from June 11 to July 17.

The class will be held on Tuesdays and Wednesdays, with the Tuesday class meeting from 6:45 to 9 p.m. at the China Lake Activity Center (the old Station restaurant building at the corner of Lauritsen Road and Blandly Avenue). The Wednesday class will convene at the China Lake main gate at 5 p.m. Wednesdays and will last until dark.

Cost of the class is \$10, which includes food at a "close of class" party to be held on July 24.

Those wishing to take the class must be at least 16 years of age. Class membership is limited to 50 participants, with those from previous classes being put on a waiting list until all "first timers" have a chance to register.

The main emphasis of the course will be on hiking and rock climbing.

Those wishing to pre-register may do so by mailing a check to Tom Stogsdill, P. O. Box 2037, Ridgecrest, CA 93555. If any openings remain by the evening of the first class, registrations will also be accepted at that time.

Provide and maintain proper fencing (at least 4 1/2 feet high) around the pool, and make sure that it is designed so that it does not provide handholds that a child could use to climb over it.

Mark the swimming pool depth clearly, and keep walkways around the pool well drained to avoid hazards, such as slipping.

Keep a shepherd's crook attached to a light weight pole at poolside so that a non-swimmer could aid someone in trouble if necessary.

Spring festival underway at fairgrounds promises rides, midway, entertainment

The annual Spring Festival sponsored by the Knights of Columbus is now underway at the Desert Empire Fairgrounds, and will continue through Sunday.

Along with the rides and other attractions of the midway such as carnival games, entertainment begins on the stage at 6:45 tonight and at 7 tomorrow evening.

Food for fairgoers will include something for all tastes, from hot dogs to burgers to burritos, fish and fried chicken, with appropriate beverages available.

guests, the entire swimming pool area should be kept clean, sanitary, and free of litter. Sanitary conditions recommended for a pool are clarity of water, which means the recirculation and purification systems are operating correctly, and disinfection with chlorine to prevent bacteria and algae from growing.

As an added precautionary measure, swimming pool owners should learn how to administer artificial respiration. Posting emergency telephone numbers by the telephone also will be helpful.

Spring festival underway at fairgrounds promises rides, midway, entertainment

Tonight and tomorrow night a DJ dance for those 21 years old and under will be held from 8 until midnight at the exhibit building. A drawing will be held for a record album each hour, and tomorrow night the biggest prize of all, a \$100 gift certificate for a record spree at Loewens will be given away. Admission to the dance is \$4 per person.

Auto parking at the fairgrounds is free and supervised. Admission to the fair itself costs \$1 for adults and .50 cents for children.

Thrift Shop workers receive certificates for Thrift Shop efforts

A highlight of the final meeting of the Women's Auxiliary of the Commissioned Officers' Mess for the 1984-85 year was the presentation of certificates to volunteers for working at the Thrift Shop.

Since this is the last year that certificates will be given (pins will be awarded next year), volunteers who had worked in the past but had not received a certificate were also honored.

Certificates presented included Supervisors' certificates to Lesta Hays, Ivy Meyer and Lesley Shaffer. Mrs. Meyer and Mrs. Shaffer also received, respectively, 200-hour and 100-hour certificates for marking.

Billy Hise received a certificate for service as treasurer, as well as a 20-hour certificate.

Others receiving 20-hour certificates were Eleanor Bescanson, Diane Collins, Fran Fletcher, and Dorothy Jackson. One hundred hour certificates were presented to Erlinda Herbster, Mary Sue Hough, and Gladys Gardner.

Evelyn Callaway was presented a 500-hour certificate, while Maggie Tate was honored for 800 hours of service.

Flight Test Engineers to hear update on F/A-18 Hornet aircraft

Aviation buffs are welcome to attend a meeting of the Ridgecrest Chapter of the Society of Flight Test Engineers at 7:30 p.m. on Thursday, May 30.

The meeting, which will be preceded by a no-host social hour starting at 6:30 p.m., will be held in the Chart Room of the Commissioned Officers' Mess.

Guest speaker for the evening will be Commander Jack Connell, F/A-18 test pilot and West Coast PMA Representative (residing at Northrop). He will present an update of the F/A-18 program and will also show a movie.

Anyone seeking further information about the meeting or about the Society of Flight Test Engineers should telephone Larry Astor, 375-8825; Gary Bartlett, NWC ext. 5942; Steve Davis, NWC ext. 5519; or Fritz Arts, NWC ext. 5663.

Movies

FRIDAY, SATURDAY	MAY 24, 25	
	"THE RIVER"	
	Starring Sissy Spacek and Mel Gibson (Drama, Rated PG-13, 124 min.)	
SATURDAY, WEDNESDAY	MAY 25, 29	
	"THE FLAMINGO KID"	
	Starring Matt Dillon and Richard Crenna (Drama, Rated PG-13, 100 min.)	
MONDAY	MAY 27	
	"IRRECONCILABLE DIFFERENCES"	
	Starring Ryan O'Neal and Shelley Long, Drew Barrymore (Romantic-Comedy, Rated PG, 113 min.)	
FRIDAY	MAY 31	
	"PROTOCOL"	
	Starring Goldie Hawn and Chris Sarandon (Comedy, Rated PG, 95 min.)	

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

(G) ALL AGES ADMITTED
General Audiences

(PG) ALL AGES ADMITTED
Parental Guidance Suggested

(R) RESTRICTED
Under 17 Requires Accompanying
Parent or Adult Guardian

U.S. Government Printing Office:
1985 - No. 20066

FROM: _____ PLACE STAMP HERE

TO: _____



WELCOME GRAFFITI — Paul Colter, president of the Maturango Museum's board of directors, signs a brick that he "owns" on the museum's new building, as Dr. Patricia Brown-Berry, museum curator, collects his \$5 and gets ready to present him with a certificate of ownership. The museum is raising funds to complete its new building by "selling" blocks at \$5 each. — Photo by PH2 Rick Moore

NWC, VX-5 and Clinic join in salute to spouses

Yesterday, May 23, was officially declared Military Spouse Day by the Department of Defense to honor those who contribute so much to the morale, health and welfare of the nation's fighting forces.

Being a military spouse calls for being willing to accept a move to another part of the country (or the world) each two to three years, being willing to shoulder the burdens of serving as both father and mother when the military member is at sea or on any of the many other journeys mandated by the needs of DOD where spouses or families cannot come along, and being willing to still provide cheerful and loving support to someone functioning in a high stress career.

As Monica Rupno, wife of AE2 Robert Rupno from Air Test and Evaluation Squadron Five (VX-5) says, "You are told that the wife isn't in the military, but really we are. We (the family) go through the ups and downs and stress as well."

The positive things about Navy life that stand out for her are the good people she has met over the years. She says that when her husband goes to sea, she joins the wives' club because "We're all going through the same thing together then. You share the problems and help each other out. I helped another Navy wife after she made a suicide attempt, and my girlfriend was with me when the baby was born and Robert was on a ship."

"I've always been proud of being a military wife," Monica continued. "Not too many people are aware of what we do... you can get awfully lonely while he's on those cruises."

She noted that when they married five years ago "He never warned me."

Less than a week after he moved his new wife to Whidby Island, Washington, he was off on an eight-month cruise, leaving

behind a wife who knew no one in town and didn't know the area. "I learned how to fix the car, how to fix



ONLY KIND — Karen Zaffora straightens the clothes of her son, Nicky, while noting a military wife is the only kind of wife she's been thus far.

things around the house — you learn a lot when you have to," she continues. Both the Rupnos look on their time at Whidby Island as a very positive experience, however.

She also has high praise for medical care offered. Monica says that when she was sick, the VX-5 flight surgeon came into the clinic when he was off-duty to see her because she didn't want to be treated by anyone else, and "he didn't have to do that."

Another VX-5 wife, Sandra ("Cindy") Workman, wife of AMSAN Patrick A. Workman really knew what being a military wife was all about when she got married because her father had been a career Navy man.

She chuckles when she says her father's reaction to her getting married to a sailor was "Are you sure that you want to go through all that again?"

The Workmans have been married only 10 months; there was no trauma to moving to the Indian Wells Valley for her because they met here where she has lived for the past 10 years since her father was transferred to China Lake before he retired here.

Cindy and her husband met while she was at work at Thrifty Drug Store where she has worked since 1979. She says that the store tries to give her time off when her husband has time off, too, so that they can spend time together, since his duties as a plane captain have him working odd hours just as she has to.

Keeping them busy are their two dogs (which are mostly Chihuahuas, she thinks). Other spare time when he is on duty she spends in doing crafts.

(Continued on Page 4)

China Lake firefighters concentrate on training

The Naval Weapons Center Fire Division personnel again demonstrated their concern for and involvement with the com-

munity in conducting a day-long fire fighting practice aimed at helping train-

needed to extinguish blazes safely.

With NWC as lead agency, personnel involved in the day-long fire fighting exercise

included 10 call firefighters from Red Mountain, six call firemen from Windy Acres, three call firefighters from other areas of San Bernardino County, Battalion Chief Steve Hile, an acting assistant fire chief, and eight fire fighters from NWC.

The house that was used for the training exercise was one owned by NWC and located south of NWC's boundaries. Before the actual fires were ignited, NWC's Capt. Larry Rizzardini gave a safety lecture and then conducted a walk-through of the house to discuss hazards to fire personnel both inside and outside the house.

Between 9 a.m. and 7:30 p.m., eight interior fires were started and extinguished by handline crews. In each case, two handline crews of three fire fighters each carrying 1 1/2-inch lines entered the burning house, with one crew standing by outside for safety. All personnel involved in fighting the fires wore full protective clothing with self-contained breathing apparatus.

When the building became unsafe for interior attacks on the flames, the firefighters practiced exterior attacks, including the use of the 750-gallon-per-minute monitor on the Center's 3-A pumper.

When the final fires were totally extinguished, a Public Works Department crew used a front loader to push what was left of the walls in, and firefighters wet down the area to ensure that no live embers remained.

As well as training volunteer firefighters, such fire exercises enable personnel from neighboring areas to become well acquainted with each other and to learn to work together because in a major blaze, the mutual aid agreements between fire departments mean crews would be fighting flames together.



MOVING IN — An interagency group of firefighters — including NWC Fire Division personnel, volunteer call firefighters, and San Bernardino County firefighters — enter a Center-owned building deliberately set on fire for firefighting practice. Such interagency practices are held regularly. — Photo by PHAN Greg Hogan



Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10 a.m.
SUNDAY SCHOOL (Annexes 1, 2 and 4)	8:30 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m.	(Nursery provided)
Wednesday 11:30 a.m.	
Thursday 7 p.m.	Officer's Christian Fellowship Christian Military Fellowship
ROMAN CATHOLIC	
SUNDAY MASS	8:30 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday)	10 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturdays, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sundays, Annex 95)	9 a.m.
Chaplain J. Milton Collins, Capt., CHC, USN Chaplain A. J. Smith, Cdr., CHC, USN Chaplain Jason E. Knott, Lt., CHC, USN Phone, NWC ext. 3506, 3507	

Employee in the Spotlight

Dottie Wright in ideal job for someone who likes to meet people

Since the Badging and Registration Section of the Physical Security Branch in the Safety and Security Department issues an average of 3,000 to 3,500 visitor badges each month as well as issuing another 1,300 to contractors and Center personnel, there's no time for boredom.

Add to that the 1,500 car decals per month that the nine people under section head Dottie Wright apply to vehicles monthly, and there's more than enough to keep them busy during their 7 a.m. to 5 p.m. stint daily.

"This is a really neat job," says Mrs. Wright, a Supervisory Security Specialist, "because you get to meet so many people. I really enjoy people and what makes my job easy is that my crew is so great."

In addition to seeing all the people that need the badges and the decals, she notes, they also have to process all the visit requests.

"It helps a lot when people let us know that they have a visitor scheduled and what areas that visitor will need to have access to, as well as ensuring that the visitor's security clearance is on file. That way we can have the badge prepared and there'll be a minimum of inconvenience for everyone."

Mrs. Wright says that her group prefers to know about visitors a couple of days in advance unless the visitor is part of a group of 10 or more. "In that case," she says,

"we'd like a week's notice if possible."

"I've enjoyed each of the jobs I've had at NWC since I started working here in 1980," Mrs. Wright says, "but this is the best yet."

Prior to becoming the section head in 1983, she had served for nearly a year in charge of foreign visitor contacts ("and that could be awkward," she says, "because there are very specific rules and we had no option but to follow these rules. If there was not a visitor request through the office of the Chief of Naval Operations, we couldn't do anything to help.")

Before moving into the work with foreign visitors, she had served as the court clerk when that function was under the Staff Judge Advocate, a position that she moved to from the WAE pool where she began on board in July 1980.

Although she and her husband, Ronald, an electronics technician in the Fuze and Sensors Department, moved to the local area from Corona in 1970, she didn't apply for work at NWC until a decade later.

"I started in working part time — as a school bus driver. That was a crazy part of my life," she chuckles. "What it takes is someone that likes children and has a lot of patience. About 99 percent of the time the job was wonderful."

Love of children, Mrs. Wright has in ample amount, as her own four can attest.

"They are all grown now," she says,

For better health...

Q — What do you mean by "fever?"

A — On the average, adults and children have an oral temperature very close to 98.6 degrees F, most of the time. Temperature can be raised a few degrees with exercise, and over-dressing can prevent normal heat loss through the skin and raise the temperature. But, in general, any persistent temperature greater than 98.6 degrees F can be called a fever.

Q — How can I safely and accurately measure the temperature of my 2 year old son?

A — All households should own a standard thermometer. With children under 3 or 4 years old, it is usually easiest to measure a rectal temperature, which requires a separate rectal thermometer. For anyone older than 4 years, an oral thermometer is more practical. Either thermometer is available at any pharmacy and should cost less than \$5.00. The fancy electronic types similar to the ones we use in the clinic are nice if you need to measure many temperatures each day, but the old-

fashioned glass thermometers work just as well and never need recharging.

When you are ready to measure the child's temperature, shake the thermometer until the mercury line is below 96 degrees F. Coat the bulb with petroleum jelly and gently insert it into his rectum about one inch. Hold it in place for 2-3 minutes, then remove it. Remember, a normal rectal temperature is 99.6 F degrees F, or one degree higher than an oral temperature.

Q — How do I use the oral thermometer?

A — First of all, make sure not to give any hot or cold liquids to your child for 30 minutes before measuring the temperature. Then, shake the thermometer until the mercury is below the 96 degree F line and place it underneath the tongue for 2-3 minutes. Stay with the child to make sure the thermometer remains under the tongue. A normal oral temperature is considered 98.6 degrees F.

— By David Cink, Lt., MC, USN

Summer courses in tech writing, speed reading slated at college

Elizabeth Babcock will teach a three-unit, five week class entitled "Technical and Report Writing" Monday through Wednesday evenings from 5:30 to 9:30 p.m. starting June 10.

This Cerro Coso Community College course meets minimum proficiency requirements in English.

Those who have average or above average reading skills can register for a summer class at Cerro Coso Community

College entitled "Speed Reading."

Instructor Doris Veneski will present this one-unit class twice: once from June 18 through July 9, and again from July 10 through 30.

Classes will meet Tuesday through Thursday afternoons at the college from noon to 2 p.m.

Registration will be held June 3 through 6 between 9 a.m. and 1 p.m., and from 2:30 to 6:30 p.m. at the college. Fee for these classes is \$5.00.

listing them as Ronda Stone, 23; Douglas, 22; Suzi Woodall, 20; and Kristie, 18.

All the young Wrights were born in Riverside, where she and her husband met, Mrs. Wright says.

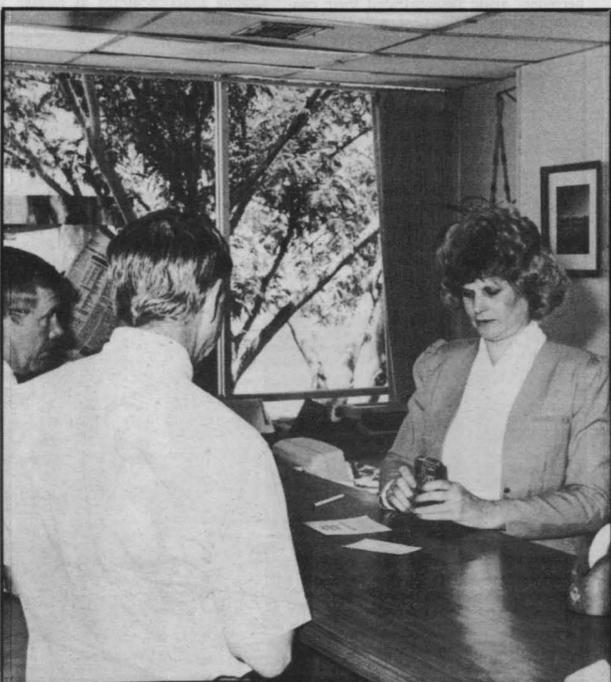
"We met at church, which is great. We both enjoy the same things, have the same ideals and the same goals," she says, adding "and we'll be celebrating our 25th anniversary this summer."

Their togetherness even includes a

mutual hobby — that of teaching ballroom dancing. "Mainly we teach others at the Latter Day Saints Church," she says.

Other free time that she has she spends in doing arts and crafts. "I usually have a booth at Santa's Art Shop," Mrs. Wright adds.

"Here's a good place to live," she notes. "I think we'll be here at least until we both retire. And maybe beyond that."



CHECKING DATE — Dottie Wright looks at the stamp she's about to apply to a visitor vehicle pass at the main gate pass office.

Scorpions capture final two games of season

Despite an opening game thumping, the Ridgecrest Scorpions Soccer Club's Under-19 squad captured the consolation championship in the Inland Empire League Cup Tournament Sunday in Yucaipa.

The tournament wrapped up play in the league's spring schedule as San Bernardino's Cosmos won the overall title.

Ridgecrest's team got off to a slow start against Corona in the first game Saturday morning. The slow start on the part of the Scorpions allowed Corona's Dragons to grab a 3-0 lead at the half and make it a 4-0 game less than a full minute into the second half.

The Scorpions rallied late in the half, playing short handed after Jon Bainbridge

and Neil Johnson left the game with injuries.

A trick free kick touched by Scott Piri and then to Bill Hugo for a goal was the second score for the Scorpions. Earlier Joe Gregory had popped a rebound past the goalie.

After the 6-2 loss, the visiting Scorpion squad came back against Redlands United.

Falling behind 2-0, the Scorpions had to rally in the second half for a lead, then take an overtime win.

Hugo, with an assist from Gregory, got Ridgecrest on the scoreboard. Gregory took an assist from Bill Ledden to knot the game at 2-2.

Just five minutes before the game ended



A LITTLE LEG — Ridgecrest's Under-19 Scorpion Soccer Club was active in League Cup Tournament play over the weekend in Yucaipa. It took more than a "little leg" to win the tourney title as the Scorpions won the Consolation title. — Photo by Steve Boster

Firefighters challenge 'Queen' in charity softball exhibition

China Lake Firefighters will take on a big challenge June 6 when their hot softball squad faces "The Queen and Her Court" in a Muscular Dystrophy fund raising exhibition contest.

Rosie Black, better known as just "The Queen" to softball fans, leads this four-person squad that makes it a habit to beat teams they shouldn't. The Queen has a 96.7 percent winning average, has pitched 441 perfect games, 830 no hitters and 1,039 shutouts in a 21-year career on the pitching mound.

This exhibition contest is the latest in a series of fund raising events sponsored by area firefighters on behalf of the Muscular Dystrophy Association.

Set at NWC's Schoeffel Field at 7:30 p.m.,

the show features a pitcher who can hurl the softball at speeds up to 100 miles per hour and has 16 different pitches ranging from fastball to knuckleball. She strikes out an average of two batters per inning and has fanned 49,108 persons coming into the 1985 season.

The China Lake Firefighters will also face the rest of her team including Scott Elwell, listed as shortstop, but really covering everything left of the centerfield fence. Lotta Chatter takes first base and everything right of centerfield and Mike Griffin behind the plate make up the rest of the squad that wins more than 90 percent of the time.

Tickets for the event are \$3 per person and may be purchased at the gate on June 6.

Isabella fishing improves with the return of summer-like weather

Lake Isabella is rising, and the water is warming. The warm water species have gathered in the south lake area and are ready to spawn.

The south end of the lake provides ideal conditions for spawning, cover soft soil and warm water. The most productive anglers over the past week were fishing for catfish, bass, crappie, and bluegill.

Numbers of good sized white catfish are being caught in the evening at Joughlin Cove, Brown's Cove, and in the south lake trees. Catfish stay deep in the middle of the day, and do not begin to feed until later in the day.

By late afternoon the catfish have moved into the shallow water near shore, and fishing is at its best. By dark most anglers are leaving and their stringers are full.

The most productive baits are clams and mackerel. Bass fishing is great in the morning and evening at Gaultche Point, Joughlin Cove, and in the south lake area.

Anglers are catching two- to five-pound bass 50 to 100 feet offshore in 10 to 20 feet of water. Bass fishermen doing the best are using nightcrawlers, waterdogs, and rubberworms.

Crappie fishing is good all day long. The most active areas to fish are Brown's Cove, Hanning Flat, and the south lake shoreline.

The most commonly used baits are worms, jigs, sassy shads, spinners, and plugs. Fishermen trolling with plugs, and spinners are the most productive.

Many anglers are fishing, and a lot of fish are being caught. Mike Paulcich caught his limit of bass two different days last week, and Fred Clifton brought home a nice stringer of white catfish.

Piri took a pass from Sam Greennum, dribbled through a crowd and fired a go-ahead goal for a 3-2 edge.

Redlands came back quickly to again tie the score and force an overtime.

It was a pair of fatigued soccer clubs that entered overtime. The Scorpions dominated, but were unable to score until Ledden, near the end of the second overtime period, headed a bouncing ball over a charging goalie then saw a Redlands defender send an overhead kick into the wrong goal for a 4-3 Scorpion victory.

Coming back in the consolation championship game on Sunday, the Scorpions demonstrated good recovery powers as they took a 2-0 decision from a strong Riv-

erside Devils team. Hugo, with an assist from Piri opened the scoring with a right-footed shot midway in the first half. Just four minutes from the end Ledden soared to head in a Scott Hannon corner kick for a 2-0 edge.

Scorpion coaches were pleased with a 7-4-1 season this spring following a 4-6-2 fall record. The local squad is made up largely of high school sophomores and juniors while the other teams are older and more experienced. Palm Desert's Kickers, for example, feature five players from the College of the Desert team.

Tomorrow with Scorpions are home against a visiting team from Rosarita Beach, Mexico and will close out the season by hosting a team from West Germany.

Youth soccer league completes 1985 spring season schedule

Games last week wrapped up the 1985 spring soccer season for the China Lake Youth Soccer League sponsored by NWC's Recreation Services Department.

Division 1

Cobras 3, Apollos 1

The Cobras led 1-0 at the half and went on to maintain their lead. Greg Greedy scored twice and Greg Solem picked up the other score. Glen Baker, with an assist from Tracey Cordell, had the only goal of the game for the Apollos. Josh Scarborough and Brian Rey were named top defensive players in the contest.

Chiefs 4, Rowdies 2

Mike Frederick's three goals were the key to victory for the Chiefs. Ryan Lopez counted the other goal for the winners. Team work was the important factor and three players shared in assists. Richard Martin led the defenders. Marv Harbaugh's two goals was the offensive key for the Rowdies. They worked hard in the finale and Jason Bowling was credited with fine defensive work.

Roadrunners 4, Express 1

Vaskan Haroutunian was the top offensive player and notched the only goal in the loss. It was a Roadrunners' offensive show all the way. Chris Thornberry's three goals paced the attack and Jamie Swader added a final point for the victors. Jacob Machowsky was singled out for his defensive effort in the win.

Fury 3, Owls 1

Jeff Brown was a one-man band as he notched three unassisted goals to lead the Fury squad past the Owls. Jerry Sparks got credit for his defensive efforts. Reed Christensen was the best defensive player in the loss, saving at least one goal.

Coyotes 6, Eagles 1

A fast paced game and an exciting team to wrap up the season. Bill Goodwin scored five goals while Ian Leles accounted the final point in the victory. Coaches gave the whole Coyote squad defensive honors against a strong Eagles team.

Division 2

Sockers 2, Lancers 0

A pair of long-range goals by Joseph Tuipala in the closing stages of the game broke a scoreless tie for the Sockers. In the losing effort, Jose Ramirez made several saves as the Lancers' goalie and Jamie Scholl paced the offensive effort.

Strikers 4, Sting 3

Sean Waldren's two goals along with single score by Brad Harper and David Gibson were what the Strikers needed. The defense of Michael Eberhart helped hold off the Sting for a 4-3 win. Beau Arnold notched two goals for the Sting and Jeremy Pierce had the other. Sean Cassidy got an assist.

Aztecs 2, Timbers 1

Strong defense by Jeff Hopper, Chad Killinger and Brett Juskalian preserved the win for the Aztecs after Mike Matson scored twice. Chad Shedlock had the only goal for the Timbers and Kenny Carr led them on defense.

Drillers 1, Cosmos 0

Good action by both teams made this an exciting contest. Patrick Rindt had the only

goal in the 1-0 Driller shutout. Jennifer Ellington, Carl Brown and Jesse Watke keyed the winning defense. David Gartner and Dennis Sarrett made several tries on goal without success in the loss.

Division 3

Surf 4, Diplomats 1

Behind a three-goal explosion from Alan Bullard the Surf moved to an easy win. Joe Nelson accounted the final Surf tally and Danny Phillips was joined by David Caraker in playing solid defense. Derek Lindsey had the only score for the Diplomats with an assist from Steve Mills. Glen Iwamura and Randy Fortune led the defenders for the Diplomats.

Rogues 4, Tornados 3

Offensive play dominated this game. Ryan Christensen and Mike Strathdee had a pair of goals each for the winners while Shawn Hamilton added an assist. For the Tornados, Mike Graves notched two goals and Ted Mechtenberg the other. Jason Crista and Melvin Perze were the defensive leaders in the loss.

Kicks 7, Sounders 2

With a pair of goals to his credit, Brendan Ledden was named top offensive player in the win. Charles Eberhart also scored a pair of goals. Gene Hunter, Jason Rainwater and Loren Letsche added solo goals for the victory. Jay Frederick, Steve Ledesma and Tom Watt keyed the defense. The Sounders failed to turn in a score sheet.

Division 4

Lasers 0, Bandits 0

Closing out their season, the Lasers and Bandits battled to a stubborn 0-0 tie. Excellent defense marked this clash from start to finish. The coach said the Bandits played their best game of the year in the scoreless tie.

Bandits 5, Hotspurs 0

A three-goal outburst by Dean Waldron was all the Bandits needed to stop the Hotspurs. Patrick O'Donovan and Danny Hobson added single goals for the winners. O'Donovan was also named top defensive player in the game. The Hotspurs failed to turn in a score sheet.

Lasers 7, Hotspurs 0

The Lasers got two goals each from Eric Davis, Richard Flores and Andrew Higgins along with a single goal from Todd Henderson for the easy triumph. Chris Chambers and Brian Bartels were named top defensive players for the victors. The Hotspurs failed to turn in a scoresheet.

CLLL...
(Continued from Page 6)

In staying unbeaten this week, the Expos stopped the Braves 18-5, then beat the A's. In other action the Giants defeated both the Angels and A's.

Despite timely hitting from Jerome Davis and Stacey Young, the Braves fell to the Twins, 20-11.

Next week in Major play, the Dodgers will tackle the Red Sox at the Inyokern field on Wednesday while the Red Sox will face the Yankees on Friday.

NWC Rocketeer

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NWC Commander

B. W. Hays
Technical Director

Denny Kline
Public Affairs Officer

Mickey Strang
Editor

Steve Boster
Associate Editor

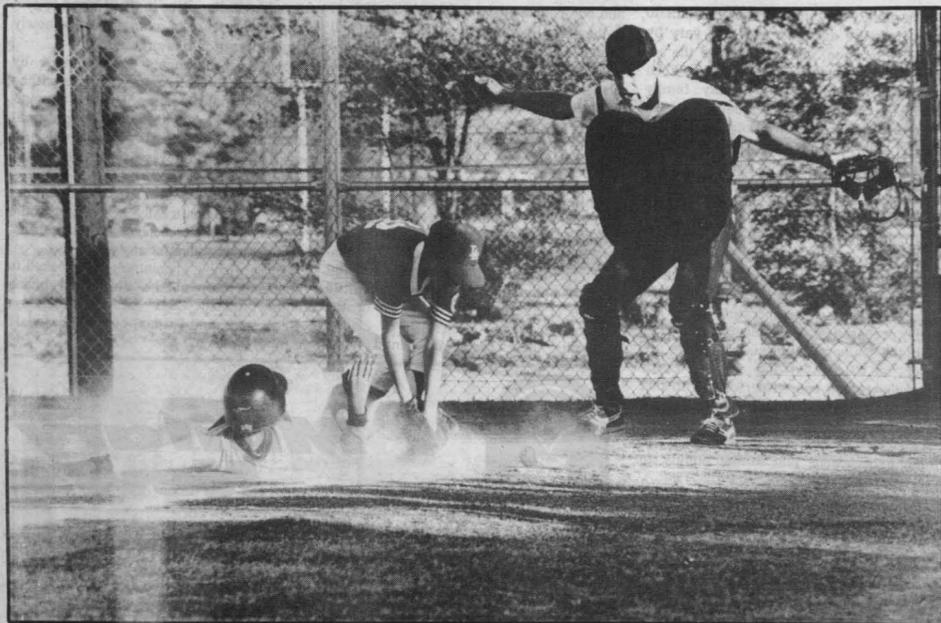
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(619) 939-3354 or 939-3355

Deadlines: News Stories-Tuesday, 4:30 pm / Photographs-11:30 am

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Three CLLL squads stay unbeaten



SAFE — As a Yankee player slides across the plate, the Dodger catcher can't get a handle on the ball and the umpire makes the "safe" call. The Minor Division China Lake Little League game was played despite Mondays' gusty winds. — Photo by Steve Boster

With the China Lake Little League season reaching the halfway mark, one team in each division remains unbeaten. The Tigers are atop the Major Division with a perfect record while the Pirates are unbeaten and leading the Minor Division, and the Expos have yet to be beaten in T-Ball competition. League officials said motorists should remember that East Inyokern Road is blocked off between Dibb Road and Richmond Road on game nights from 5:30 to about 9 p.m. for safety reasons.

Major Division
The explosive Tigers continued their winning ways, clubbing the Red Sox in Inyokern despite high winds. They next whipped the Yankees 13-0 as Lance Moore hurled a no-hitter and fanned 12 batters in six innings. Moore also belted a homer leading the attack.

The Dodgers also won a pair of games, stopping the Yankees 10-3 and rolling over the Red Sox 26-6. In the first game Brian Mather was the winning pitcher despite giving up a triple to Jeff Cowan and a double to Santino Bradford. Against the Inyokern squad, Red Sox, Shawn Hamilton and James Bell provided the pitching that made it look easy.

The Dodgers also won Monday, beating the Yankees again 14-6.

Minor Division
Keeping their record perfect for the season, the Pirates edged the White Sox in a 14-13 thriller.

In other action, the Padres nipped the Royals in a 23-22 contest while taking advantage of numerous walks. The Royals came back the next time out with a sixth inning rally to stop the Cubs, 17-16.

(Continued on Page 7)



The Skipper Sez...

QUESTION

Civilian Employee — I work at Lauritsen Laboratory and we generate an awful lot of computer paper here. I know there is a facility for recycling that in Michelson Laboratory. I think it would be good idea for this base to create some sort of facility in several other places or even a mobile group to come around occasionally to pick that up. We generate so much of that paper here, I think it would really pay us to recycle it.

ANSWER

The Employee Services Board (ESB) operates the recycling center here on base. They recycle newspaper, computer paper, computer tab cards, glass and aluminum cans. Newspaper, glass, and aluminum cans can be taken to the recycling center on Richmond Rd. near the back gate and dropped off in the appropriate area at anytime. Aluminum cans are only purchased on Saturday mornings from 8 a.m. till 12 noon.

The ESB has established regular pickup stations throughout the Center for aluminum cans, computer paper, and computer tab cards. If your paper is not being picked up, I would appreciate you calling the ESB office at NWC ext. 2929 between 1 p.m. and 3 p.m. on regular working days or call the ESB Recycling Chairman, Jim Fath, at extension 3411 x379 to establish a pickup.

In some cases, in areas not accessible to the recycling concessionaire or where space is not physically available, special arrangements will have to be worked out in advance of any scheduled pickups. The recycling concessionaire usually collects at stations on each Friday of the week. Lauritsen Laboratory will have to be coordinated with Dan Butler, Laboratory Coordinator and the ESB Recycling Chairman.

Thank you for your concern as the Center feels recycling is an important effort and encourages everyone to participate.

QUESTION

Military — I'd like to see about having the bushes trimmed along Inyokern Road beside the bike path to the main gate. The cars can't see the cyclists and the cyclists can't see the car's signals of intent to turn. I alone have almost been hit twice this week.

ANSWER

The oleanders along Inyokern Road have been scheduled to be trimmed within the next few weeks, and there after will be maintained to a height not to exceed 4 feet up from ground level and 1 feet in on each side. This will better enable both the cyclist and motorist to see each other, thus avoiding any further safety hazard.

QUESTION

Civilian Employee — I work out at the airfield and the flag has pretty high grass around it. It doesn't look very good at all. I thought it should be cut and weeded so it would look nice. Thank you.

ANSWER

The Grounds Maintenance Contract when awarded did not include the area around the Airfield flag pole. A Work Order was issued to the Contractor to cut and trim the area on May 6. A Change Order has been initiated to provide routine maintenance in the future.

All China Lakers, 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.

Ceremonies honoring Memorial Day slated Monday at cemetery

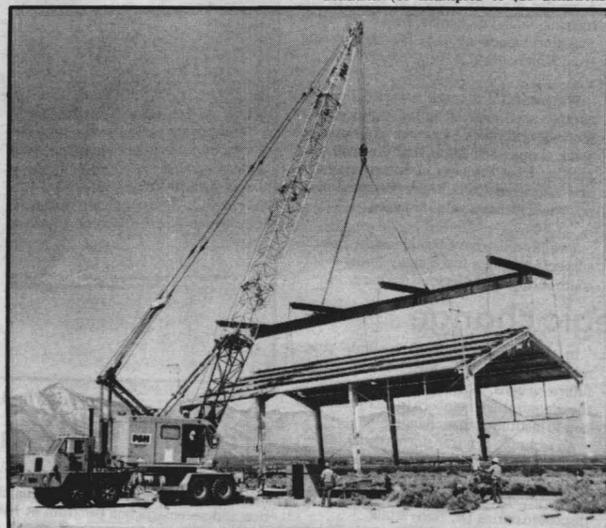
The annual Memorial Day ceremonies will be held at Desert Memorial Park on Monday at 10 a.m. The short patriotic service will be followed by lunch at the American Legion Hall, with lunch free for those who attend the ceremonies.

Organized as a valley-wide event, the ceremonies are sponsored by the Veterans of Foreign Wars and its auxiliary; the American Legion and its auxiliary; the Pearl Harbor Survivor's Association; the Disabled American Veterans; the Fleet Reserve Association; Gold Star Mothers; the Emblem Club of the Elks; and the Chief Petty Officers' Association.

Major Roy Springer (USAF, Ret.) will introduce the guest speaker, Wally Baker, who is secretary-treasurer of the Fleet Reserve Association.

Skip Bennett, FRA Chaplain, will give the invocation and benediction. Sea Cadets will provide the color guard, and the firing squad will be made up of members of both the VFW and the American Legion. A male barbershop quartet will sing at the ceremonies.

All local residents are invited to attend. Further information can be obtained by telephoning George Leithiser at 375-7155.



MASSIVE TASK — An overhead, measuring 40 feet by 60 feet and weighing more than 10 tons, was recently moved from the old Baker-4 track at the Supersonic Naval Ordnance Research Track facility to the end of the new machine shop. Aim of the move was to give personnel more room to work outside and in the shade. A 25-ton crane was required to do the job. — Photo by PH2 Rick Moore



TOP PRIZES — Marc Maxwell from Bob's Super Cycle and Eric Holtrp from T. J. Frisbee's bike shop stand by the Suzuki Quadrunner all terrain vehicle and the 10-speed bike that winners may choose in the drawing at the conclusion of the Navy Relief Society fund drive.

Tickets provided for donors to Navy Relief drive can win big prizes

Tables at which all local residents can make a donation to the Navy Relief Society fund drive will be set up around the Center and in town until the current drive ends on June 6.

Those who make a donation to this superb cause will receive tickets to a drawing — with outstanding prizes being offered to winners who will be selected on Thursday, June 6, the day that the fund drive ends.

Top winner in the drawing will be able to choose one of the basic models of a Suzuki Quadrunner all terrain vehicle. Bob Foster's Super Cycle in Ridgecrest will also allow a winner to pick the new sports model if that's what he or she would prefer.

The second ticket drawn will be for a new 10-speed Schwinn bicycle from T. J. Frisbee's bike shop. The winner may choose either an adult or child's bike.

The winner of third place in the drawing will have the opportunity to take a \$25 gift certificate for dinner for two from either LeParc Restaurant in Ridgecrest, or for dinner for two from the Hideaway restaurant, with the fourth ticket drawn receiving the other set of dinners.

Tickets will be issued at a rate of one for each \$2 donation, or six tickets for a \$10 donation (or multiples of \$10 donations).

Military personnel will be able to turn in an allotment for their donations so that they can spread the amount they donate throughout the year; they will receive their tickets when they can show that their allotment has been made.

The Navy Relief Society is always in need of funds to help active duty and retired Navy and Marine Corps personnel and their dependents to meet a variety of emergency financial needs.

All money donated during the annual fund drive goes into direct service to clients; all overhead is covered by interest from funds that were donated many years ago and that were invested at that time.

Locally, the organization made interest-free loans or grants totalling in excess of \$37,000 last year, with the majority of that money going for emergency leave expenses.

Last year's NRS drive raised in excess of \$16,600. NRS campaign co-chairman LCdr. Rich Bruce and Lt. Brice Hammerstein for NWC and Lt. Sarah Clinkscales of VX-5 hope to at least double that amount in the 1985 campaign.

Thompson, McLean Award luncheon scheduled June 7

The L. T. E. Thompson Award and the William B. McLean Award will be presented on Friday, June 7, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess starting at 11:30 a.m.

The Thompson Award is the Center's highest recognition for outstanding individual achievement. It is given for notable contributions to the advancement of ordnance towards fulfillment of the mission of NWC — thereby aiding the forces of the U.S. Navy.

The McLean Award was established to recognize outstanding creativity among employees in furthering the mission of the Center, as evidenced by significant inventions.

Reservations for the awards luncheon can be made by calling either NWC ext. 2018 or 2592 by 11:30 a.m. on Tuesday, June 4. Luncheon choices are chef salad or roast beef (both \$5).

Navy Hotline
for Fraud, Waste and Abuse
Call: NWC ext. 3521
or call the Inspector General at:
(800) 522-2451 (toll free)
288-6743 (Autovon)
(202) 433-6743 (commercial)



Sports

Doc's leading military softball leading standings after 4 games

There are no unbeaten teams in the Military League Softball standings this week. Doc's with a 3-1 record lead the loop while the Outlaws, VX-5, NWC's and the Bears have 2-1 records.

Only the Hornets, with an 0-3 mark, are still seeking a first victory for the 1985 season.

Doc's 15, Devils 0

Tony Bookout allowed just two hits and walked one batter as the Doc's rolled to an easy win. Blevins homered in the win while Ruiz added three hits in four at bats including a pair of doubles. Deter added a double and single to the attack.

For the Devils, a double by Tony and a single by Pierce was all the offense they could muster.

NWC's 20, Hornets 4

Behind the seven-hit pitching of Lucchesi, the NWC's rolled to a easy win. Knott's three hits, including a double, led the winners 14-hit attack. Maholic and Lucchesi had two hits each.

D. Bouchard, L. Price and L. Daws had one hit each in the loss while G. Naldrett was the losing pitcher.

NWCO's 16, DOC's 15

A real slugfest found the NWCO's edging Doc's by a single run thanks to a two-run rally in the sixth inning. Carl Schmidt's three singles keyed a 17-hit attack for the winners and Lucchesi pitched the winning game.

Corder's homer and two singles paced the Doc's attack while Tony Bookout was on the mound.

Outlaws 28, Devils 12

The Outlaws amassed 24 hits and took advantage of eight walks in the easy win. John Gilman had five hits and Dennis Kopnicky four hits for the winners as Bill Killinger pitched five innings for the victory.

Harvey Pierce homered and singled for the Devils while Joe Idlet added a pair of doubles. The Devils picked up 15 hits in the lopsided defeat.

Anglers still taking lunkers from Sierra waters

Fishing remains good in the Eastern Sierra region. According to reports from the Department of Fish and Game and Bishop Chamber of Commerce, anglers fishing most of the major lakes in the region are catching lots of plants and the occasional lunker.

The big fish of the week was a nine-pound seven-ounce brown trout taken from Rush Creek. A rainbow at nearly three pounds was pulled from Convict Lake, taken with a green Needlefish lure.

At Lake Sabrina, anglers are catching lots of limits of planted rainbows while fishing from shore with bait; the water

level remains low.

South Lake and the creek are producing a number of larger fish with bait and marshmallows.

At Rock Creek Lake, now totally ice free, salmon eggs are the primary bait used in landing numerous limits of plants.

Anglers report Crowley Lake is really hot for both trout and Sacramento perch. Nightcrawlers and cheese are good trout baits while the perch are being taken with jigs and worms. Trolling is slowing down.

All lakes in the Mammoth Lakes area are now ice free and boats are out on Lake

George. Mostly pan-sized plants are being taken with eggs, inflated worms and cheese producing results.

The upper Owens River and creeks feeding it are reported to offer fair results of late.

Lakes in the June Lake Loop continue to be good fishing spots. Gull Lake remains the best single lake for lunker trout this season with another five pounder taken last week. At June Lake the trout are biting close to the surface and at Grant Lake trolling is getting the best results.

Upper Twin at Bridgeport is giving up lots of limits of pan-size plants. Lower Twin

certified instructors of the Sierra Desert Gun Club at the club's rifle and pistol target range and clubhouse facilities on the Naval Weapons Center. The class will involve approximately fifteen hours of classroom instruction, including a one-hour written final examination.

Advance registration and sign-up for the school is required, as the class will be limited to 50 students. Interested persons may register at the sign-up table set up in the lobby of the Ridgecrest Police Station. The sign-up table will be open tomorrow from 9 a.m. to 1 p.m., and Tuesday, from 7 to 9 p.m. A \$10 registration fee will be collected at the time of sign-up. Eight dollars of the fee will be refunded to students completing the class.

Deep sea anglers enjoying good results this season

Anglers who like to drop a line into the briny deep are continuing to head out to sea for one-day fishing trips from the Central California ports of Morro Bay and San Simeon.

Last week those taking the 7 a.m. to 3 p.m. trips averaged a catch of 14 fish each, with the majority of the fish being rock cod and varieties of bass as well as red snapper.

Biggest fish of the week caught was a

19-pound lingcod. (One local fisherman didn't even need to go to sea to catch his lingcod; he caught a 12-pounder off the breakwater.)

Reservations are advised for those planning to head out on the sport boats daily. Tackle can be rented from the boat owners by those who don't have salt water gear of their own.

These trips make a fine family outing because kids are welcome on the boats.

isn't giving up many limits, mostly two to three fish per person, but they are larger. Bridgeport Reservoir is producing good sized trout for trollers, but few limits. Blades, Needlefish and worms are bringing best results.

South of Bishop, good anglers are finding brown trout in all creeks near the mouths of the canyons. Many anglers are getting good results fishing for rainbow plants. Reasonably good anglers should do well for the summer thanks to the plants.

Bass fishing on the lower Owens River has been spotty in recent days.

Salute to military spouses. . .

(Continued from Page 1)

Having an extremely positive view of the Navy are HM3 Miguel M. Munoz and his wife, Blanca, who have been at China Lake a little under a year.

He was substituting as a physical education teacher in El Centro (which both list as

Victor and Cynthia, who is a 20-month-old charmer.

Blanca adds that she's very happy that so far they have been able to remain in California because their families are close by.



Blanca Munoz, with Victor and Cynthia

their home), when they decided that a Navy career offered definite benefits.

"He had better opportunities for a career in the Navy," Blanca says of their joint decision that he should enlist. "He's been getting a lot of education and hopes to get more in the medical field, and the Navy does offer security for a family."

The family in their case, is 7-year-old

"We've got a nice place to live here, and Miguel is very happy with what he's doing," she adds, "so I'm happy with being a Navy wife."

"I can't say whether I'm happy with being a Navy wife," says Karen Zaffora. "But that's because I've never been any other kind of a wife," she adds with a smile.

Karen and her husband, AC1 Dominic

Zaffora, met because his sister worked at the same computer facility where Karen worked in Baltimore. "She kept telling me all about her brother who was in the Navy at Lakehurst," Karen says, "and when he came down to visit her, she introduced us. And from there it was love at first sight."

The Zafforas have been at China Lake since February and are looking forward to spending the next 5 1/2 years here before he has to go to sea once more.

The last time that her husband went to sea, Karen says, she was 7 months pregnant. He was able to take leave when the baby was due, however, and so he was home when young Nicky was born 14 months ago.

Since she is once more expecting a baby, having him be stationed in the desert is just fine with her ("and, besides, I like it here," she adds).

Karen says that she didn't quite know what to expect of military life when they married because she never had the opportunity to talk with other military wives.

"My older brother is in the Marine Corps," she says, "but he's single, so I didn't have a sister-in-law to tell me what being a service wife was like."

Both the Zafforas hope that future years in the Navy will mean travel as a family for them and their youngsters.

The best understanding of what military life is all about comes when both members of a couple are in the Navy.

John and Nora Tidwell were stationed at Norfolk when they met and married. Today AD2 John Tidwell and AZ2 Nora Tidwell are assigned to the Aircraft Department at NWC and looking at Naval careers.

They say they have no regrets about life as a married couple in the Navy.

"From a wife's point of view you get to know what the men go through a lot better," commented Nora. When it comes to extra duty or long hours "you're right there with them and know what it's like," she added.

"It really hasn't been bad. Commands have worked with us on duty and child care needs. The Navy will work with you as long as you work with them," said John.

Married five years, the couple was in

Sicily before being assigned to NWC. Their son was born while they were overseas and Nora noted the hospital in Naples, Italy was very good.

The lack of medical facilities in Sicily was one problem they encountered. While the Navy was able to quickly fly patients to Naples for treatment, more medical people at the clinic would have helped.

John noted they both like their Navy jobs and looked forward to improved pay as they moved up in rank. He is an eight-year veteran of the Navy and Nora has been in six years.

While John is looking at retirement from



Cindy Workman

the Navy in the future, Nora says her career decision will hinge on how well they can cope with Navy life and at least one more child.

"We've really had an easy time of it. The details have been helpful and we like it," the couple added.

As a married Navy couple, the only time they've really been apart has been when John went on deployments.

They feel the Navy has improved its family programs considerably in the past five years.



John and Nora Tidwell

Training staff moves next week

Training Center staff will move late this month to make way for a major rehabilitation and reconstruction program at NWC's Training Center.

For about six months Training Center personnel will be working out of buildings northwest of the Training Center, the Chapel Annex and a white trailer. The self-study learning center (PLATO and Computer-Assisted Instruction) now in Room 109 will move to Building 95, the Chapel

Annex. Classes being held in the Training Center will be moved and those locations published at a later date.

The move will take place May 29 and 30, days the staff will not be available for normal activities. Telephone service will be out during the move, but should be reestablished by May 31. Telephone numbers will not change.

Dependent dental care rules change on July 1

Effective July 1, 1985, all military dental treatment facilities will be authorized to provide dental care to dependents of active duty and retired members of the armed forces. This authorization is the result of enactment of Public Law 98-525, also known as the Department of Defense Authorization Act for 1985.

This new law alters Section 1077 of U.S. Code, Title 10, and permits dependents to apply for space available treatment. Previously dependents were eligible for space available treatment only overseas, and at remote locations in the United States designated by the Department of Defense as underserved by civilian dentists. Retired service members were previously authorized to apply for space available dental care in the United States.

Congress has emphasized and Defense regulations state that for readiness purposes the needs of active duty members have first priority for all medical and dental care. Military dental treatment facilities are prevented from increasing their staff or the size of their facilities based on increased workloads created by the space available dependents care authorization.

The ability of military dental clinics to provide space available care will vary by service, location, and the needs of the active duty members they serve. When space is available, active duty family members and family members of those who died while on active duty are next in line of priority over retired members and their families.

Clinic directors are preparing plans for access of newly eligible patients, but see little room for a net increase of space available in support of new authorization. Navy dental clinics expect that the maximum space available will be about 15% of their scheduled appointments, and less when units of the operating forces are being prepared for deployments.

In the southern California area there are over 526,000 Navy and Marine Corps dependents and retired persons. With this many patients competing for limited space available, Medical Department officials are concerned over the morale impact of high expectations and limited ability to provide restorations.

Specialty care will be greatly limited. For example, there is only one orthodontist

and one pedodontist (children's specialist) in the area. Prosthodontics (false teeth and bridge work specialists) are already appointed far in advance with active duty patients.

When insufficient or no space is available, dependents and retirees may elect to seek care from civilian practitioners, but must do so at their own expense. There is no provision in existing authorizations permitting reimbursement from the government for routine dental care. CHAMPUS only covers dental care as a necessary adjunct to medical treatment. The Pentagon has prepared legislation for a dental insurance plan, but it appears to have little chance of approval by the OMB or the Congress this year.

Despite these problems, dental clinic

directors are positive in their intent to provide quality care to as many of the newly eligible beneficiaries as possible.

Dental appointments can be made by telephone only. Emergency patients will be seen anytime, of course. Routine appointments for treatment cannot begin until after July 1. A valid ID card and DEERS verification are necessary to determine eligibility.

Sponsors with children are asked that only the child being treated be brought to the clinics. A parent or legal guardian must accompany a minor for any visit.

Those wishing appointments are asked to telephone only at the times and phone number listed: 2911 ext. 221, Monday, Wednesday, and Friday, between 8 and 11 a.m.



Military News

CHAMPUS establishes new position

WASHINGTON (NES)...CHAMPUS officials have established a senior enlisted representative position at the Aurora, Colo., headquarters to assist enlisted members with health benefits.

The SER position was established when results from the Defense Department's Health Care Survey of 1984 revealed enlisted members needed to be better informed about health care benefits. Also, survey results revealed that 20 percent of enlisted members relied on their chain of command to give them CHAMPUS information.

For further information about CHAMPUS, call AUTOVON 943-3800, or (303) 361-3800.

IRS warns of benefit loss

WASHINGTON (NES)...U.S. citizens who lived and worked overseas in 1982 and 1983 and have not filed an individual income tax return for those years face a substantial loss of tax benefits, according to the Internal Revenue Service.

"Newly amended regulations stipulate that outstanding 1982 and '83 individual income tax returns must be filed no later than July 23, for those persons who qualify to claim the benefits of the foreign earned income exclusion," said IRS spokesman Robert J. Kobel.

He said the new regulations specify that, beginning with 1984, returns must be filed within one year of the due date.

U.S. government employees and military people stationed overseas cannot claim the exclusion against their government wages or salaries. However, government employees, military members and their families might be able to claim an exclusion on income earned while working in the local foreign economy.

NEX offering holiday sales

Those who plan to take advantage of the swimming pools at the three clubs on base opening this weekend still have today and tomorrow to take advantage of the annual swimwear sale at the Navy Exchange retail store.

The other big sale slated to give military shoppers the most for their money begins Tuesday and will last through June 8: the sight and sound sale.



JOINT OPERATION — In an unusual re-enlistment ceremony Cdr. Del Oakes and his wife, Lt. Deborah Oakes, swear in AK2 Vickie Hill and her husband, AMSC Alvin Hill, AK2 Hill works in Warehouse 64 at the airfield, and AMSC Hill is Aircraft Division CPO.

He is completing 12 years of military service; his wife has 10. They are the parents of Robert Lee, 10, and Christopher Allen, 3. The four members of the Hill family will be off in July to their new duty station in Hawaii.

Runners, bikers conquer 'B' Mountain

A total of 43 runners and six mountain bikers puffed their way up B Mountain last Saturday in the Navy Relief Society benefit run, earning more than \$1,000 towards that good cause.

Youth was in the fore for the runners: the top three finishers are all Burroughs High School track team members.

Taking only 21 minutes, 10 seconds to run the 2.45 miles with an elevation gain of 1,070 feet was 18-year-old Jan Barglowski. In second place was Ron Ryan, 17, with a time of 21:33, and 18-year-old Howard Miller finished in 22:39 to nab third.

The fastest of the 14 military personnel

entered was Dr. Joe Forrester, 29, whose time of 24:40 put him into sixth place overall.

Fastest time for the women runners was logged by Barbara Banaszynski, 31, with 31:04, followed by Ens. Marty Vanderkamp, 29, with 32:45, and Bonnie Forrester, 28, at 33:11.

For the mountain bikers, Bryce Richards, 18, topped the list with a time of 26:16, followed by Rick Wheeler, 37, with 27:17, and Kevin Seymour, 35, at 31:42. The only woman to finish was Mary Ann Gallagher, 43, 33:45.

Although the fastest runners were among

the youngest, several of the runners were in their 50s. Oldest in the group was another Barglowski — Leo — who is 57.

The final tally of funds raised in this run will be reported as soon as the runners and bikers have had the opportunity to talk with their sponsors in the B Mountain race.

DEERS number

Active duty and retired beneficiaries of the Defense Enrollment Eligibility Reporting System (DEERS) can now call the Santa Barbara Facility toll-free at (800) 334-4162.

ENGR 260L: ELECTRICAL ENGINEERING FUNDAMENTALS LABORATORY (1 unit)
1 June-27 July, Saturdays, 1400-1700, Cerro Coso Community College. By: Professor Jagdish Prabhakar, CSUN.

Scope: Laboratory for ENGR 260 listed above.
BUSINESS AND PUBLIC ADMINISTRATION

BA 383 - INVESTMENTS (5 quarter units)
18 June-23 July (4 July is a holiday), Tuesdays and Thursdays, 1600-2100 (1-hour dinner break), Safety Building Classroom. By: Professor Ken Shakoori, CSUB.

Prerequisite: BA 381 (Financial Management) or consent of instructor.

Scope: Topics include supply and demand for capital; principles of analysis of various types of securities, security markets, and financial institutions; and formulations of investment strategies.

BA 677 - FUTURISM (5 quarter units)
18 June-23 July (4 July is a holiday), Tuesdays and Thursdays, 1600-2100 (1-hour dinner break), Safety Building Classroom. By: Professor Richard Graves, CSUB.

Scope: An introduction and critical overview of the science and art of futurism—the orderly study of the future. The course will explore the challenge for human survival in the face of resource shortages, population growth, and environmental degradation.

BA 340 - MARKETING (5 quarter units)
30 July-29 August, Tuesdays and Thursdays, 1600-2100 (1-hour dinner break), Safety Building Classroom. By: Professor Dennis Guseman, CSUB.

Scope: Provides a study of the nature and role of marketing in advanced economics in a managerial context; an analysis of consumer wants, motivation and purchasing power; and introduction to and formulation of optimizing mixes between product, pricing, distribution, and promotional variables.

CSB advisors visit Center

Dr. Roy Dull, Dr. James Vigen and Dr. Richard Graves of Cal-State College Bakersfield will be on Center on Tuesday, June 11 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Bakersfield include a bachelor's

degree in business administration and a master's degree in public administration. Bakersfield also provides math courses in other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Kit Driscoll at NWC ext. 2648.

Personnel servicing teams operating now

This is the seventh of 8 articles featuring the personnel servicing teams. The Personnel Department recently organized the Service Division into 8 personnel servicing teams. Each team is composed of 4

members: 2 Personnel Management Advisors and 2 Personnel Assistants. This week the spotlight is on the team providing personnel services to Codes 12 and 26. Team members are:



SUE SWETT KITTY O'LAUGHLIN EVELYN MCMURDO JAN TOWN

Jan Town came to the Naval Weapons Center Personnel Department in November 1983 from Sharpe Army Depot located in Lathrop, California where she served as a Classification Specialist. Prior to that, she worked at GSA in Auburn, Washington as a Personnel Management Specialist. She is now the Lead PMA for Codes 12 and 26.

Evelyn McMurdo is new to Civil Service, starting in September 1984. Prior to moving to Ridgecrest, she was employed with Reserve Oil and Gas Company in Apple Valley as payroll supervisor for 10 years. Evelyn is a graduate of Miami Jacobs Business College in Dayton, Ohio and worked on her AA in Business Administration at Victor Valley College in Victorville.

Cerro Coso classes available

The Center will pay your full tuition if you are enrolled in courses provided under the NWC/Cerro Coso Contract. If you can show that courses are job-related or will strengthen your contributions to the Center's mission, your tuition will be paid directly to the college by Code 094.

If you are not a co-op student, you must submit a DD Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement) via department channels to Code 094. The form must arrive in Code 094 at least five working days prior to registration.

If a course is not directly job-related, submit NAVWPNCEN 12410/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, describing how the

course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

If you are not yet a California resident, please include a statement from your supervisor indicating the negative impact to NWC of postponing the training until residency is established. Code 094 will return the approved form to you. You must take it with you to Cerro Coso when you register in order for NWC to pay your tuition.

If you are a co-op student, a DD 1556 is not required, simply tell the registrar that you are an NWC co-op student when you register. If you have any questions, call Kit Driscoll or Cecil Webb, NWC ext. 2648 (Code 094).

Recent additions

CODE	NAME	TITLE
0833	Eiband, Cheryl R.	Admin. Junior Professional
091	Zigler, Charlene F.	Clerk-Typist
09201	Brown, Lanette (NMN)	Clerk-Typist
097	Rodriguez, Julie A.	Clerk-Typist
121	White, Charles R.	Intelligence Operation
2405	Kritzmire, Thomas L.	Safety & Occup. Health
24322	Moreland, Marianna M.	Clerk-Typist
2522	Cooper, Alva A.	Clerk-Typist
25242	Schultz, Gary L.	Admin. Junior Professional
2634	Nguyen, Thang L.	Mechanical Engr.
26416	Newman, Stephen A.	Laborer
26418	Cracraft, Ned O.	Carpenter
26418	Henderson, Paul G.	Carpenter
26418	Kirkpatrick, Robert W.	Carpenter
26448	Knight, Wilford A.	Carpenter
3337	Beres, Albert T.	Program Analyst
343	Wells, Kimberly M.	Clerk-Typist
3431	Colianni, Trevelin D.	Laborer
3453	Holmes, Dawn G.	Clerk-Typist
35025	Carrasco, Catherine L.	Clerk-Typist
35027	Caffery, Dennis E.	Admin. Junior Professional
3507	Alger, Reba J.	Secretary (Typing)
35503	Guile, Samuel H.	Operations Research An.
3608	Cooper, Michael T.	Chemical Engr.
3653	Ratcliff, Theresa L.	Engrg. Tech.
366	Watkins, Kathleen H.	Clerk-Typist
64242	Unger, James C.	Electronics Tech.

Recent departures

26025	Dorsett, Stephan L.	Electrician (High Volt.)
26429	Williams, Reggie M.	Laborer
32703	Thelen, Charles J.	Physical Scientist
333	Pracchia, Nancy J.	Clerk-Typist
3523	Petty, Corinne S.	Computer Spec.
35552	Burns, John E.	Flight Test Spec.
3656	Holden, Mary L.	Clerk
3664	Brown, William P.	Logistics Mgt. Spec.
3914	LaJeunesse, Thomas J.	Aerospace Engr. Supvy.
62123	Ferguson, Rickey L.	Ordnance Equip. Mech.
6236	Todd, Donald K.	Electronics Tech.



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. CG-8529, Mechanic, NA-5823-08, \$6.21 per hour, Permanent Full-Time plus benefits, Code 2244 — Incumbent inspects, diagnoses, and repairs mechanical problems with gasoline diesel powered tractors, trucks, sweepers, mowers, and a variety of other equipment utilized in golf course operations. Work also requires machining, welding, body work, preventive maintenance, and inventory control and ordering of required repair parts. **Qualification Requirements:** Must be able to use a variety of electrical, hydraulic, automotive, diesel and small engine repair tools. Ability to make various types of engine repairs. Knowledge of theory, care and operation of internal combustion engines. This is not a Civil Service position.

No. 00-015, Motion Picture Projectionist, WG-3910-7, Code 0031 — The incumbent will operate and maintain a variety of audio-visual equipment which includes 8, 16, and 35mm motion picture projectors, several types of slide projectors, overhead and opaque projectors, video and audio players and recorders. **Job Elements:** Knowledge of audio-visual equipment operation; ability to do routine maintenance on audio-visual equipment; and ability to deal effectively with senior Center personnel. Supplemental required.

No. 00-018, Budget Clerk/Assistant, GS-561-4/5, Code 087 — This position is located in the Corporate Budget Staff, Office of Finance and Management. Incumbent will coordinate the centralized job order input/output and fund document acceptance processes for the Center. Responsible for assuring the accuracy of information provided by departments on job orders and assures the accuracy and completeness of the Master Job Order file. Enters all incoming fund documents in an automated fund document data file and coordinates the acceptance of the fund documents by the department and the Center. Review documents for completeness of data and compliance with NAVCOMPT regulations. **Job Elements:** Ability to use remote computer terminal with on-line interactive programming; knowledge of the automated billing system; knowledge of NWC job order processing procedures and policy. Potential is GS-5.

No. 00-020, Supervisory Management Assistant, GS-344-7/8, Code 0823 — Position is that of head, Office Systems Support Branch. Branch is responsible for the coordination of the acquisition and management of word processing equipment, typewriters, facsimile and dictation equipment, management of a word processing center. Serves as Technical Coordinator for a contract operation word processing center. Incumbent provides overall direction, coordination and management of branch activities. **Job Elements:** Knowledge of: The configuration for office systems to manage productivity and efficiency, including hardware and software; techniques for analysis and comparison of the respective office system equipment alternatives; cost benefit and analysis used to make lease or purchase decisions for equipment; policy for the acquisition and management of office equipment as articulated by his/her Navy Authority and GSA; of technology as related to office equipment controlled by CNO; the procurement process related to the acquisition of equipment; to evaluate requirements and determine the proper equipment configuration to meet these requirements. **Ability to:** communicate and interface ef-

fectively with all levels both orally and in writing; supervise the work of others. Understanding of NWC personnel policies and procedures; support of NWC EEO policies and goals. If filled at GS-7, promotion potential is to GS-8, but not guaranteed.

No. 09-44, Clerk Typist, GS-322-3/4 or Personnel Assistant, GS-203-3/4/5/6, Code 096 (2 vacancies — 1 vacancy is full-time and the other vacancy may be filled with two part-time employees working approximately 20 hours per week) — Performs the following duties for a major department(s): processes all actions effecting appointments, pay, separation, conversions of appointment, etc.; performs competitive and noncompetitive qualification ratings; performs ranking and may conduct ranking/selection panels; and drafts vacancy announcements for recruitment. At the higher levels, incumbent advises and recommends to supervisors and managers, recruitment options for certain occupations (e.g. clerical); participates in various phases of crediting plan development which may include, but is not limited to, job analysis and establishing KSAs. **Elements:** Knowledge: of personnel policies and procedures related to staffing. **Ability:** to plan, organize and accomplish work independently; to perform a variety of clerical/technical functions; to research, comprehend and apply complex regulatory information. Promotion potential to GS-7. Status eligibles may apply. Readvertise-ment — previous applicants need not reapply.

No. 09-45, Computer Clerk/Assistant, GS-335-3/4/5, Code 09803 — Provides support in the data entry/transactions processing functions. Duties include coding and keying personnel transaction, error checking and correction, and data base maintenance. **Elements:** Knowledge: of UNIVAC operating systems, of System 2000 (S2K) retrieval language and updates, of full range of personnel actions, of COBOL language. **Ability:** to operate a computer terminal. Status eligibles may apply.

No. 09-46, Computer Assistant, GS-355-4/5/6, Code 09803 — Inputs personnel transactions into the automated personnel system, runs programs and checks results to ensure proper systems operations and that output products are correct. Traces and corrects errors. Prepares and modifies runstreams and local system control cards to produce proper file updates and desired outputs. Performs database maintenance via (S2K). **Elements:** Knowledge: of UNIVAC operating systems; of System 2000 (S2K) retrieval language and updates; of full range of personnel actions; of COBOL language. **Ability:** to operate a computer terminal. Status eligibles may apply.

No. 14-027, Supervisory (Interdisciplinary) General, Mechanical, Electronics Engineer, Physicist, Mathematician, Computer Scientist, DP-801/830/855/1310/1520/1550-3/4, Code 1412 — The incumbent serves as the head, S & E Applications and Tools Branch, in the User Technologies and Applications Division. Incumbent plans and directs the branch in providing specialized computing and information systems support especially for scientists and engineers. Branch efforts include consulting in the use of higher order languages, software tools and library routines, and in the development of analytical and engineering applications. Directs initiatives in software engineering environment developments including support for Ada, Unix-based systems and artificial intelligence systems. **Job Elements:** Ability to lead, supervise, plan, and schedule the activities of a branch; knowledge of computer hardware and software in common engineering use; ability to communicate well in writing with all levels of personnel both on and off center; ability to com-

municate well orally in formal and informal situations as a representative of the Center to all levels of personnel both on and off Center; ability to support EEO policies. Promotion to DP-4 dependent upon Center approval. Status eligibles may apply.

No. 14-028, Interdisciplinary, Electronics Engineer, Physicist: Electrical Engineer, 855/1310/850, DP-3 Code 14203 — This position is located in the Communications Systems Division of the Information Systems Group. The System Engineer's responsibilities include defining technical strategies, performing requirements analysis, architecture definition, system integration, standard and guidelines, and experiments as they relate to Integrated Communications Systems (ICS) development. It will be required of the incumbent to identify projects and milestones done by others within the Division. **Job Elements:** Knowledge of Protocol standards, communication control mechanisms and transmission techniques; knowledge of computer networking; ability to technically direct and provide leadership to a multi-disciplined group of engineers and technicians; ability to communicate well, both orally and in writing; ability to develop communication systems. Promotion potential to DP-4; however, promotion is not guaranteed.

No. 14-029, Computer Specialist, Computer Systems Analyst, Computer Equipment Specialist, DS-334-2/3, Code 1412 — Incumbent will be responsible for Integrated Logistics Support (ILS) for the Software Engineering Environment-Insertion of Technology (SEE-IT) Project. This will include the design and development of an inventory database management system, hardware and software equipment inventory by location, and coordination of all user support services including maintenance, integration, training and spare parts provisioning. Incumbent will also be responsible for performing productivity analysis and metrics studies, and the preparation and oversight of procurement packages and delivery orders. **Job Elements:** Knowledge of inventory and database management systems, and Integrated Logistics Support (ILS) procedures; ability to communicate well, both orally and in writing. Ability to interface with all levels of center and contractor personnel on a regular basis. Promotion potential to DP-3, however promotion is not guaranteed.

No. 14-030, Computer Specialist, DS-334-1, Code 1432 — The incumbent provides systems programming support for the Information Systems Group (ISG) complex of the DEC VAX computer systems. Assists in installation of new releases of DEC operating systems, compilers, utilities, and third party DEC system software. Develops local utility programs and subprograms for the ISG computer systems. Provides consultative services to users of the ISG computer systems. Trains computer operators in procedures for operation of the ISG complex of DEC VAX computer systems in a production environment. Nature of the position may require frequent performance of duties outside of normal first-shift work-hours. **Job Elements:** Knowledge of the DEC VMS operating system and associated utility programs. Skill in operation of a DEC VAX system in a production environment. Ability to communicate effectively, both orally and in writing. Ability to write utility programs. Promotion potential to DS-2.

No. 24-137, Security Clerk, GS-303-4/5, Code 24311 — This position is located in the Physical Security Branch of the Security Division Safety and Security Department. The incumbent is assigned to the Foreign Visitors Office, and as such implements the administrative and technical requirements for the Foreign Visitor Office and applies

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security policies in carrying out the requirements for the processing of the Center's foreign visitor programs. Elements: Knowledge of Naval Security and Department of Defense policies and regulations and Naval Weapons Center security practices and procedures as they apply to foreign visitors. Knowledge of physical and personnel security requirements. Ability to apply tact, diplomacy, and skills required to deal with and maintain liaison under adverse, stressful conditions with personnel of all levels of government and private industry. Promotion potential to GS-5.

No. 24-138, Security Clerk, GS-303-4, Code 24311 — This position is located in the Physical Security Branch of the Security Division Safety and Security Department. Manufactures badges/passes for access to NAVWPNCEN by civilians, military members, contractors, and dependents. Photographs personnel for all badges/passes, I.D. cards, and retirement certificates. Maintains all records and files and prepares input for computerized badge listing. Must be able to assist with training of new employees. Prepares workload reports for each section. Incumbent requires to greet customers in tactful, diplomatic, and courteous manner. Elements: Knowledge of NAVWPNCEN badge/pass and appropriate regulations, instructions, and directives relating to their control and issue. Knowledge of OPNAV; SECNAV; and NAVWPNCEN instructions relating to personnel security. Promotion potential to GS-5.

No. 26-156, Assistant Planner and Estimator (Insulator), WD-3610-5, Code 2613 — Temporary not to exceed one year. Supplemental is required. Assists in the preliminary investigation of buildings for identification of asbestos and other insulation material. Under the direction of a Planner and Estimator prepares detailed documentation of types and amounts of lagging in buildings. Estimates material and labor costs. Conducts work site investigations of assigned projects. Relevant Criteria: Ability to facilitate production, knowledge of technical practices; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; of pertinent tools and equipment.

No. 31-171, Supervisory Interdisciplinary Engineering Psychologist/Operations Research Analyst, DP-1280/1515-2/3, Code 3152 — This position is that of branch head, Human Factors Branch, Code 3152, Aircraft Weapons Integration Department. The incumbent will provide overall conduct of human factors engineering and research programs, including marketing, research proposals and reports to the Human Factors Block, NAVAIR, NWC, program offices, etc. Job Related Criteria: Knowledge of NWC personnel policies and procedures; knowledge of human factors engineering/research techniques, and human performances using Navy and Marine Corps systems. Ability to communicate effectively orally and in writing with all levels of personnel. Knowledge of NWC EEO policies and procedures.

No. 33-018, Security Clerk, GS-303-4/5, Code 3302 — This position is located in the Fuze and Sensors Department, Staff Office. The incumbent will perform the following duties: act as focal point for personnel actions and status; receives and processes incentive awards and serves as secretary to Department Awards Panel; receives and processes mail and messages (classified and unclassified); custody control point for the department. Job Elements: Knowledge of security procedures and control, personnel procedures; ability to plan, organize and accomplish work independently; ability to perform a variety of clerical/staff functions. If filled at GS-4 or GS-5, promotion potential is to the GS-6 level, but not guaranteed. Previous applicants need not reapply.

No. D-34-024, Librarian (Physical Science and Engineering); DA-1410-2, Code 3431 — This position is located in the Information Services Branch, Library Division, Technical Information Department. The incumbent is responsible for performing the following information duties:

Bibliographic verification, indexing, reference, collection development and literature searches for NWC Scientists/Engineers. Job Relevant Criteria: Full professional knowledge of the theories, principles, and techniques of librarianship. Knowledge of literature resources in the Physical Science and Engineering disciplines; ability to communicate effectively both orally and in writing. Promotion potential to DA-3. Status eligibles may apply.

No. 35-062, Clerk-Typist, GS-322-3, Code 3512 — Incumbent performs clerical duties which include typing papers, reports, and statistical tables; filing; and general clerical support. Maintains intelligence documentation library for branch, and maintains intelligence data bases on microcomputer. KSAs: Knowledge of Navy correspondence procedures and of computer data base systems. Ability to operate a computer terminal and electric typewriter.

No. 36-249, Engineering Data Management Specialist, DS-301-1, Code 3651 — Incumbent assists senior specialist to plan, program, implement, and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. Elements: Knowledge of configuration accounting and governing standards, directives and specifications. Ability: to read, comprehend and apply written material and to learn new procedures; to communicate orally and in writing; to do the work of the position without more than normal supervision; to make decisions and accept responsibility for actions; to use tact and accept criticism. A supplemental is required and may be picked up in Personnel, Room 100. Promotion potential to DS-3.

No. D-38-009, Physical Science Technician, DT-1311-1/2 — This position is located in the X-Ray Diffraction Laboratory located in Code 3854. Duties include analysis of crystalline samples using computerized X-ray diffractometers and X-ray diffraction film methods and preparation of small samples for data collection. KSAs: Knowledge of mathematics through trigonometry; knowledge of or willingness to learn some electronics and computing; ability to perform data collection analysis and report writing. Promotion potential to DT-3.

No. D-39-032, Electronics Technician, DT-856-1/2/3, Code 3925 — Provides electronics technician support to the PRV Technology Branch. Working as part of a team, incumbent will fabricate and test prototype hardware for projects such as the QF-86F On-Board Control Panel, Robotic Vehicle Control and future Remotely Piloted Vehicle and missile technology development projects. KSAs: Knowledge of and certified as an operator to WS-6536 Soldering Standard; knowledge of and ability to operate AC, DC, and Digital circuit operation and components; knowledge of and ability to operate electronic test equipment; knowledge of microprocessor and familiar with microprocessor test equipment such as logic analyzers and emulators. Previous applicants need not apply. Status eligibles may apply. Promotion potential to DT-3.

No. D-39-045, Engineering Technician, DT-802-2/3, Code 3941 (One vacancy) — This position is located in the Sensors and Platforms Branch, Electro-Optics Division of the Weapons Department. Specifically, the position is located in the Code 3941 White Room. This branch is heavily involved in the development of advanced state-of-the-art electro-optical seekers. Incumbent's duties will deal with the engineering phase of seeker development including assembly and test of seekers. KSAs — Knowledge: a strong mechanical background via an accredited machinist apprentice program or trade school is a requirement for this position. Experience in electro-optical seeker assembly and test is desirable, but not a requirement. Abilities: to coordinate, plan and meet project work schedules; to communicate orally and in writing; to work and interface with other technicians, senior engineering personnel

and managers at the project office level.

No. 62-024, Electronics Technician, DT-856-1/2, Code 6212 — The incumbent sets up, operates, maintains and repairs instrumentation and various electronic devices. Typical equipment and devices include: digital vibration controller and analyzer; tape recorders and plotters; transducers; signal conditioning equip-

ment; oscilloscopes; large, transistorized power amplifiers. The incumbent conducts typical environmental tests, records and analyzes data. Job Elements: Knowledge of environmental testing; knowledge of test measurement equipment; ability to work as a part of a team performing environmental testing of, sometimes, hazardous items.

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. 31-172, (Interdisciplinary) Electronics Engineer, Physicist, DP-855/1310-2/3, Code 3151 — Position is located in the Laser Systems Branch. Duties include: analysis, specification, design and testing of electro-optical sensors. This may require development or exploitation of new technology. Job Relevant Criteria: Knowledge of lasers, infrared detectors, rangefinders, designators, laser radars, and signal processing technology. Ability to communicate effectively with sponsors, technology offices, program offices and with managers and engineers at NWC and at Headquarters; coordinate and administer small programs including scheduling, planning, budgeting and marketing. To apply for this position forward an updated SF-171 to R. Von Elm, Code 31502, Telephone ext. 2979.

No. 31-164, Interdisciplinary General/Electronic/Electrical/Aerospace/Mechanical Engineer/Computer Scientist/Mathematician/Physicist/Operations Research Analyst, DP-801-855-850-861-530-1550-1520-1310-1515-2/3, Code 3191 — This position is located in the Systems Engineering Branch, Systems Engineering Division, Aircraft Weapons Integration Department. The Systems Engineering Branch is responsible for the analysis of avionic and aircraft systems, generally based on contractor generated documentation. The incumbent will be responsible for review of this documentation that includes avionic system requirements, the interface documentation for integration of major subsystems, and the software requirements and design for the mission computer and radar subsystems. If filled at the DP-2 level has potential to DP-3. Promotion is not guaranteed. To apply for this position, forward a current SF-171 to Ann Soto, Code 31902, NWC ext. 5220. Previous applicants need not reapply.

No. 35-048R, Interdisciplinary (General/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-1/2/3, Multiple Vacancies, Code 3512 — Incumbent designs software and/or develops mathematical models for computer simulation of electronic countermeasures, tracking radar systems, and/or aircraft platforms. Work is coordinated with that of other team members. Experience with realtime programs and VAX computers is desirable. Send an updated SF-171 to Terry Wilson, Code 3512. Previous applicants need not reapply.

No. 35-044R, Interdisciplinary (General/Electronic/Aerospace Engineer, Physicist, Mathematician, Computer Scientist), DP-801/855/861/1310/1520/1550-2/3, Multiple Vacancies, Code 3515 — Incumbent supports development of tactical software for EW systems (e.g. HARM, LCS). Uses structured analysis techniques and tools to graphically define software requirements, design and test the software. Writes code in assembly language using VAX editors and cross assemblers. Provides recommendations for approval of tactical software changes, plans and executes validation tests in a Software Sup-

port Facility. To apply for this position, forward an updated SF-171 to Bill Stratton, Code 3515, NWC, X2951. Previous applicants need not reapply.

No. 35-054, Interdisciplinary (General Engineer/Electronics Engineer/Computer Scientist/Physicist/Mathematician/Aerospace Engineer/Mechanical Engineer), DP-810/855/1520/1310/1550/830/861-1/2/3, Code 3551 (Six vacancies) — Incumbents serve as members of a team responsible for the development of a large real-time software program. This software records and processes data from radars and other sensors associated with electronic warfare. Results of tests are presented in real-time to the Operations Center. Missile and AAA simulations as well as a variety of other processes are included in the real-time software. Work schedule is the "First Forty" hours. Promotion potential to DP-3. Send an updated SF-171 to Joy Harrelson (Code 35502). Previous applicants need not reapply.

No. D-39-009, Interdisciplinary (Electronics/Aerospace Engineer/Physicist/Mathematician), DP-855/861/1310/1520-1/2/3, Code 3913 — Incumbent will be responsible for mathematical modeling and development of computer simulation and using these simulations to perform design and evaluation investigations of Tomahawk, Harpoon and Advanced Cruise Missile systems. Promotion potential to DP-3. To apply send an updated SF-171 to Sue Hucek, Code 391, ext. 3249/2086.

No. 61-012, Interdisciplinary (Physicist, Computer Scientist, Mathematician Electronics Engineer), DP-1310/1550/855-2/3, Code 6101 (2 Vacancies) — These positions are located in the Target Control Systems Program Office. Incumbents serve as members of a team responsible for in-service support of Navy Target Control Systems. This includes the accomplishment of basic hardware and software design engineering, configuration management, software support activity and procurement support, including Quality Assurance for the assigned TCS'S. Experience with Data General Components or Target Control Systems hardware is desirable. To apply for this position, forward a current SF-171 to W.E. Johnson, Code 6106, NWC ext. 5556.

No. V-62-009, Mechanical Engineer, DP-830-2/3, Code 6214 — The work of the Branch involves the static test and evaluation of warhead and explosives at firing sites in Area R, Burro Canyon and CT-6. The primary effort of the incumbent is to plan, design, and execute the full spectrum of the test. This will involve any or all of the following activities: Coordination and planning meetings with project personnel, occasional travel, preparing cost estimates and cost tracking, safety considerations, design of test crew to conduct test, and documentation of test results. A secondary effort involves planning and design for improvements and modernization of the test facilities themselves and tracking and review of ongoing projects. Hours are from 0700 - 1600. To apply for this position, send an updated SF-171 to Bill Ledden, Code 6214, extension 6365.

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 organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.



personnel development opportunity

CAL-STATE SUMMER CLASSES

The following classes are being offered this summer for the Cal-State Chico Computer Science Program, the Cal-State, Northridge Electrical and Mechanical Engineering Programs, and the Cal-State Bakersfield Business and Public Administration Programs.

COMPUTER SCIENCE

MATH 477 - NUMERICAL ANALYSIS (5 quarter units)
17 June-22 July, Monday and Wednesday, 1600-1800, Safety Building Classroom. By Chuck Kenney, Ph.D., ext. 3597.

Prerequisite: Differential Equations, FORTRAN.
Scope: Topics include numerical solutions of nonlinear equations; linear systems of equations; estimation of characteristic roots; quadrature; curve fitting; interpolation; numerical solution of ordinary differential equations; basic concepts of numerical error; error propagation.
Text: *An Introduction to Numerical Analysis*. Atkinson, Wiley.

CSCI 370 - SYSTEMS DESIGN THEORY (3 units)
1 and 2 June, 22 and 23 June; Saturday and Sunday, 0800-1600; Safety Building Classroom. By: Professor Arnovick, CSUC.

Prerequisite: CSCI 270 (Systems Design) or consent of instructor.
Scope: Software project management: planning, organization, staffing, and control of a software project. Software cost factors and software cost estimation models. Legal and regulatory aspects of software engineering.
Text: No text.
Note: This is a required class for the MSCS, Software Engineering Option.

CSCI 273: DATA BASE MANAGEMENT (3 units)
20 and 21 July, 17 and 18 August, and 14 and 15 September; Saturday and Sunday, 0800-1600; Safety Building Classroom. By: Professor James Murphy, CSUC.

Prerequisite: CSCI 151 (Data and Program Structures).
Scope: An introduction to data base management systems. Topics include storage structures and data-definition languages and data-manipulation languages for relational, hierarchical, and network approaches to data base management.
Text: To be announced.

CSCI 372: OPERATING SYSTEM THEORY (3 units)
3 and 4 August, 24 and 25 August, and 21 and 22 September; Saturday and Sunday, 0800-1600; Safety Building Classroom. By Professor Larry Wear, CSUC.

Prerequisite: CSCI 272 (Multi-User Operating Systems).
Scope: A review of operating system development. The course involves comparison of various types of multipurpose systems including

No. 00-013, Secretary (Typing), GS-318-5, Code 02A21 — Provides secretarial support to the Planning Manager, Space Resources Office.

No. 00-014, Secretary (Typing), GS-318-5/6, Code 03 — This position is located in the Office of Laboratory Director and provides clerical, typing, and administrative assistance to the Deputy Laboratory Director, the Laboratory Administrator, and staff members. If filled at the GS-5 level, promotion potential is to the GS-6 level, but not guaranteed.

No. 31-170, Secretary (Typing), GS-318-4/5, Code 3153 — Position provides secretarial support to the head, Infrared

Systems Branch. Promotion potential to GS-5.

No. 00-019, Secretary (Typing), GS-318-3/4, Code 3385 — Provides secretarial support to the Design and Fabrication Branch. If filled at GS-3 or GS-4, promotion potential is to the GS-5 level, but not guaranteed.

No. 62-028, Secretary (Typing), 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. Status eligibles may apply.

master/slave and parallel process systems and analysis of multiprocessor system performance and capabilities. Material for this course changes to reflect current research in the field.
Text: To be announced.

MECHANICAL ENGINEERING

ENGR 396 - SELECTED TOPICS IN THERMAL FLUID SYSTEMS (3 units)
5 June-1 August; Wednesdays 1400-1700, and Thursdays 0830-1130, Training Center Annex. By: Professor T. W. Fox.

Scope: An overview of essential theories from thermodynamics, fluid mechanics, and heat transfer, required for engineering analysis of thermal-fluid systems. Topics include first and second laws of thermodynamics; fundamental equations of fluid mechanics; introduction to conduction, convection, and radiative heat transfer.
Text: *Introduction to Thermal Sciences*. Schmidt, Henderson, and Wolgemuth.

CSCI 152 - OPERATING SYSTEMS PROGRAMMING (3 units)
7-9 June, 28-30 June, 26-28 July; Friday, 0800-1200; Saturday and Sunday, 0800-1600; Safety Building Classroom. By: Professor Clement Luk, CSUC.

Prerequisite: CSCI 151 (Data and Program Structures).
Scope: Operating system concepts and techniques are addressed. The course includes study of linkage-editors, loaders, channel operations, and interrupt handlers.
Text: To be announced.

CSCI 350A: LANGUAGE THEORY (3 units)
15 and 16 June, 13 and 14 July, 10 and 11 August; Saturday and Sunday, 0800-1600; Safety Building Classroom. By: Professor Bruce Pumplun, CSUC.

Prerequisite: Discrete Mathematical Structures.
Scope: Use of relations, functions, and graphs in data management; structured programming and flow analysis; applications of regular grammars, finite state automata, regular expressions, context-free grammars, and pushdown automata in language recognition and translation; decidability and its influence on program testing and formal verification; state transition and applicative models of computation; and fundamental results from analysis of algorithms.
Text: To be announced.
Note: This is a required course for the MSCS, Software Engineering Option.