



Gems, minerals to be displayed

Tomorrow and Sunday the 30th annual Indian Wells Gem and Mineral Show will take place at the Activities Building, corner of Lauritsen Road and Blandy Avenue. This show, sponsored by the Indian Wells Gem and Mineral Society, will be open tomorrow from 8 a.m. to 6 p.m. and on Sunday from 8 a.m. to 5 p.m.

Along with displaying a wide range of hand-crafted jewelry, cut and polished stones and lapidary exhibits, there will be demonstrations of sphere making, faceting and arrowhead making. Food and drink will be available at booths and geodes will be on sale.

Each day there will be a field trip starting at 8:30 a.m. Further information can be obtained by telephoning Virginia Boyd, the show chairman, at 377-4776.

LOOKING FOR TREASURES — Belle examine geodes to see what is found as Sidney, Florance Albright and Virginia Boyd these are cut open.

Community Halloween party tonight Story to talk at luncheon

All young ghosts, goblins and trick-or-treaters aged 13 and under are invited to attend the big, free, community-wide Halloween party tonight at Joshua Hall at the Desert Empire Fairgrounds in Ridgecrest.

Activities will include costume contests (with lots of prizes in all age categories), a spooky movie theater showing films appropriate for both the holiday and the ages of the youngsters, a haunted house, a magic show and lots and lots of games at various booths at which they can add winnings to the candy and goodies in the trick-or-treat

bag that they will receive on entering Joshua Hall.

Everyone will be a winner — and all children are welcome. Service organizations and businesses in town have donated goodies, with Pepsi Cola and McDonald's donating free drinks.

There'll even be people outside entertaining those who are approaching the hall so that they will be able to get into the real spirit of Halloween season.

The community-wide party, designed to provide lots of fun for children while still

keeping them safer than they would be going door-to-door, is sponsored by radio station KLOA, the Daily Independent, the Parks and Recreation Department of the City of Ridgecrest and the Desert Empire Fair Board. Businesses and individuals in the community have donated money, which will be spent on candy and treats and other party expenses (anyone wanting to contribute should make out the check to Halloween Party and mail it to the Parks and Recreation Department, 231 Station Street, Ridgecrest, CA 93555).

Story to talk at luncheon

Reservations must be made by next Wednesday, Nov. 5, to attend the November 12 (Wednesday) luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess when Ralph Story will be the guest speaker.

The meeting will begin with a social hour at 11 a.m., followed by an Italian buffet lunch including chicken cacciatore, stuffed rigatoni, ravioli and lasagne, a salad, garlic bread and spumoni for dessert. Cost of the lunch is \$5 per person. The program will begin at about 12:30 p.m.

Because of the unusual interest in Story's talk, members of WACOM are going to be able to invite their spouses to the meeting, either for the luncheon or just for the program.

Reservations may be made by telephoning Elaine Jenne at 377-5229 or Pat Hazen at 375-9376.

Movies

FRIDAY, SATURDAY	OCT. 31, NOV. 1
"TOP GUN"	Starting Tom Cruise and Kelly McGillis (Adventure/Drama, rated PG, 110 min.)
SUNDAY, MONDAY	NOV. 2, 3
"UPHILL ALL THE WAY"	Starting Roy Clark and Mel Tillis (Comedy/Western, rated PG, 87 min.)
WEDNESDAY, FRIDAY	NOV. 5, 7
"PSYCHO III"	Starting Anthony Perkins and Diane Scarwid (Suspense, rated R, 93 min.)
Starting Time: Evening / 7 pm	
(G) ALL AGES ADMITTED General Audiences (PG) ALL AGES ADMITTED Parental Guidance Suggested (R) RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian	

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FROM	PLACE STAMP HERE
TO	

Capt. Patterson completes lengthy Naval career Presented with prestigious Naval Weapons Center, Navy awards

Capt. John W. Patterson's retirement ceremonies on Tuesday were capped with two prestigious awards: the Navy Meritorious Service Medal and the Center's Michelson Laboratories Award.

Signed by Secretary of the Navy John Lehman on behalf of the President, the Meritorious Service Medal was presented by Capt. John Burt, NWC Commander, at the traditional retirement ceremony held on the Headquarters lawn at sunset Tuesday.

Presentation of the Michelson Laboratories Award was made by Gerry Schiefer, Center Technical Director, at the retirement party held at the Commissioned Officers' Mess following the formal ceremony.

Both honored Capt. Patterson's exceptionally meritorious service at the Naval Weapons Center, where he has held nine different jobs during the two times that he was assigned here in his 28-year military career.

The nomination for the Michelson Laboratories Award noted that "In each of these assignments, Capt. Patterson demonstrated the same exceptional managerial vision and leadership which consistently resulted in improvements in each organization."

These assignments at China Lake included his initial assignment as associate head of the Weapons Department, then as Vice Commander and Support Director. After his return to China Lake as head of the Aircraft Department and Deputy Test and Evaluation Director, he became Deputy Laboratory Director and head of the Naval Science Advisor Program on board.

This was followed by service as Commander, Naval Weapons Center, on the retirement of Capt. K. A. Dickerson until Capt. Burt reported aboard and Capt. Patterson returned to the Deputy Laboratory Director position.

Capt. Will Huff, who was the Center's 21st Commander before his retirement and was the guest speaker at the formal ceremony, joined Schiefer and Capt. Burt in praising Capt. Patterson's skills as a Naval officer, as a Naval aviator, as an engineer and as a manager.

Capt. Huff noted that "Capt. Patterson's role as a Naval Officer and a China Laker

symbolize the best that this nation has to offer." He commented that the military-civilian team here signifies more than it might elsewhere, that both the military and civilians became China Lakers.

"You are the envy of the military-industrial complex," Capt. Huff told those military and civilian Navy personnel gathered for the ceremony, "because you consistently outperform the competition. You are unwilling to be second best."

When Capt. Patterson became the associate head of the Weapons Department, Capt. Huff said, "almost overnight a real China Laker began to evolve. With no fanfare and no fuss, he was just one who quietly got the job done."

Capt. Huff concluded his remarks about

Capt. Patterson with "He has enriched our nation, the Navy, China Lake and our lives."

On presenting the Navy Meritorious Service Medal, Capt. Burt emphasized that Capt. Patterson's career represented the opportunities a Navy career could offer both for the individual and the strong payback to the Navy for the investment made in schooling for such outstanding officers in the quality of service they then give the nation.

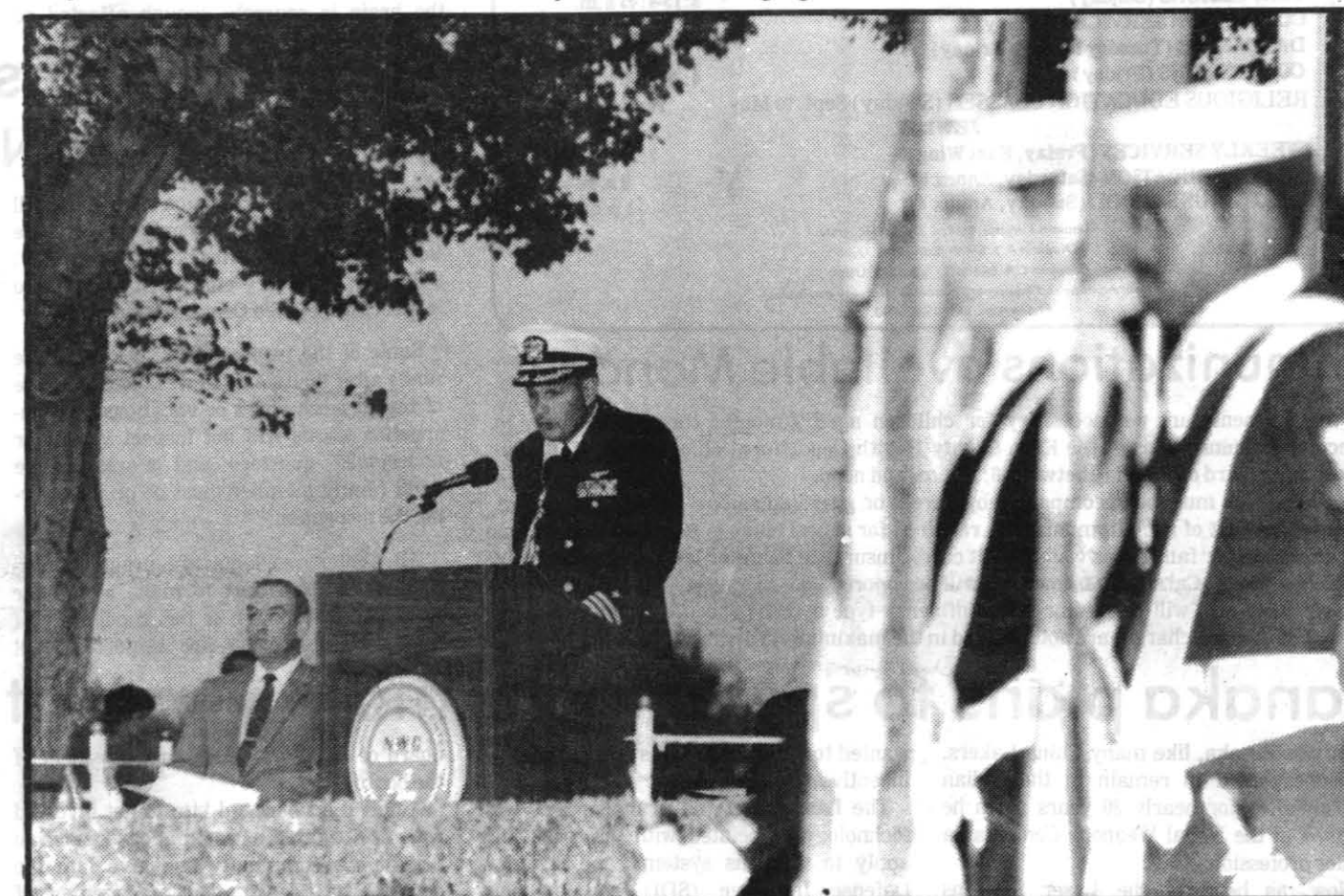
In response, Capt. Patterson added to the assembled military personnel that he felt like he was giving a retirement lecture since he was convinced that the rewards of a Naval career more than make up for the hardships. He recounted highlights of his

duty stations, and then expressed especially his thanks to all those at China Lake and in the Indian Wells Valley.

Evening colors brought the ceremony to a conclusion as the El Toro Marine Corps Band played the Navy hymn, and Capt. J. M. Collins, senior Chaplain for NWC, gave the benediction.

Those present were then invited to the reception given at the COM immediately following the formal retirement, where the other presentations were made to Capt. Patterson and his wife, Pauline.

At the conclusion of the formal presentations made there, Capt. Patterson again expressed his appreciation and once more emphasized that "We're one Center here, military and civilian together. That's what makes China Lake so special."



VALEDICTORY REMARKS — Capt. Patterson offers ceremony held on the lawn of the Headquarters Building on Tuesday afternoon. — Photo by PH2 Rick Moore

AFRS salutes Dr. Kistler for 'outstanding contributions'

Dr. Richard Kistler, head of Central Staff and the Center's Comptroller, recently received the Special Citation of a group that does not ordinarily honor comptrollers — the Armed Forces Recreation Society. He was honored for his outstanding contributions to the quality of life at the Naval Weapons Center.

The Special Citation was presented at the AFRS annual banquet held Sunday, Oct. 19, at Anaheim, Calif., where he was introduced to those present by Capt. Paul J. Valovich, NWC Chief Staff Officer.

Each year the Armed Forces Recreation Society of the National Recreation and Park Association presents a series of

awards that have become a prestigious honor for persons singled out for their contributions to the Armed Forces Recreation

profession. The Special Citation is awarded to military or civilian personnel who make significant contributions in the areas of leadership, pioneering, public relations,

research and/or service to Armed Forces recreation.

Funding is often not only a basic issue but a problem because of the communications gap between comptrollers, who deal with figures, and recreational services personnel, who deal with people, according to

(Continued on Page 3)

Skilled VX-5 personnel avert major accident

Thanks to excellent training and the courage of personnel at Air Test and Evaluation Squadron Five, a potentially catastrophic accident resulted in relatively minor injuries and in minimal damage to three aircraft.

At 11 p.m. on Oct. 22 AD3 Maria T. Stults, 25, a fully-qualified jet engine mechanic on the A-7E Corsair II aircraft, performed a low-power turnup on an A-7E parked on the ramp outside Hangar One. Following the start, the aircraft went, unassisted and uncontrolled, to full military power.

With Petty Officer Stults in the cockpit, it broke the tie-down chains, jumped over its wheelchocks, traveled 150 feet across the ramp and impacted the west hangar doors. After unhinging these two doors, it and the doors continued into the hangar, where the aircraft and the doors impacted an A-6E Intruder aircraft and nudged into another A-7E.

Skid marks indicated that Petty Officer Stults rode the brakes all the way in, cutting the speed that the aircraft would otherwise have attained, thus reducing

potential damage.

AD3 Timothy Ineichan from the VX-5 Power Plants Shop saw what happened, and, with total disregard for his own life and safety, ran into the hangar to the aircraft and, although the A-7E was still under full military thrust, crawled under the aircraft and manually turned off the engine by disconnecting the fuel source.

Three quick-thinking military personnel each separately turned in fire alarms to summon the crash crew from Fire Station 3 before they joined other night check per-

sonnel in trying to help.

The sprinkler system in the hangar came on, and, with the arrival of the fire trucks, the area was completely doused to ensure that no fire would result.

Petty Officer Stults is being treated for a minor concussion and a broken clavicle. She was the only person injured.

Work is progressing to repair the three aircraft and return them to full flight status as soon as possible. An investigation is underway to determine the cause of the accident.



	Max	Min	Peak Gust
Fri.	84	42	9 knots
Sat.	86	42	9 knots
Sun.	89	45	10 knots
Mon.	89	44	20 knots
Tues.	82	47	10 knots
Wed.	88	46	19 knots
Thurs.	82	62	23 knots

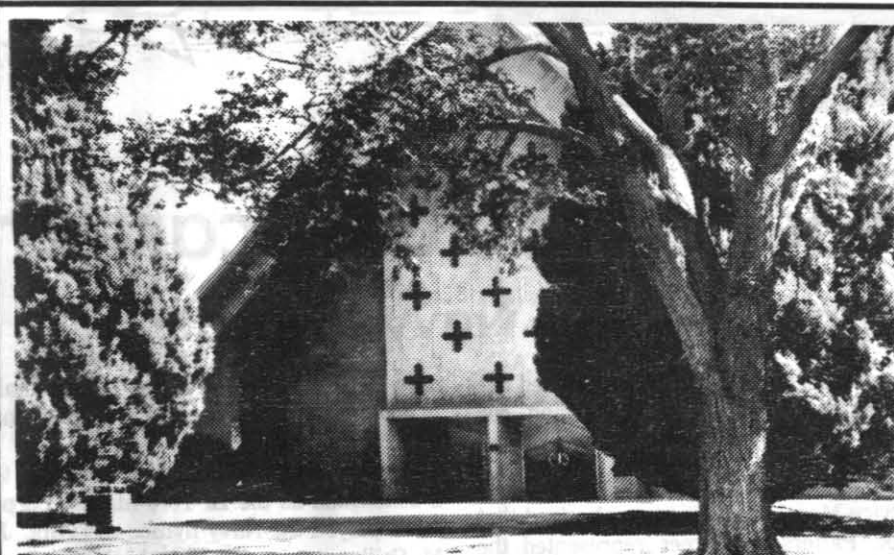
All measurements are made at Armitage Airfield.

Chris Quinnett, an astronomical artist whose work has been featured at both local and California-wide exhibitions, will be guest speaker at Monday's meeting of the China Lake Astronomical Society. The meeting begins at 7:30 p.m. at the Ridgecrest library, 131 E. Las Flores in Ridgecrest.

He will also discuss how he gets ideas for his work and to what extent each of his paintings represents astronomical objects. All interested persons are invited to attend.

Hamil Ma will hold his fourth annual showing of water colors at the Maturango Museum's gallery from Nov. 2 through 30. Sunday from 2 to 4:30 p.m. a reception will be held at the museum honoring the artist; all interested persons are invited to attend. Ma's paintings will be on sale, with a commission benefiting the museum.

In addition, he will conduct a watercolor workshop at the museum on Saturday, Nov. 22, from 9 a.m. to 3 p.m., with an hour break for lunch. Fee for the workshop is \$20 for museum members and \$25 for non-members. Arrangements can be made at the museum to take the workshop.



Divine Services

PROTESTANT
SUNDAY WORSHIP SERVICE 10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing) 9 a.m.
BIBLE STUDY (East Wing)

Wednesday 11:30 a.m. Sept. through June
 Thursday 7:00 p.m. Officer's Christian Fellowship
 Christian Military Fellowship
ROMAN CATHOLIC

SUNDAY MASS 9:00 a.m.
CONFESSIONS (Sunday) 8:15-8:45 a.m.
COMMUNION SERVICE (Monday) 11:35 a.m.
DAILY MASS (Tuesday through Friday) 11:35 a.m.
CONFESSIONS (Friday) 4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May 10:30 a.m.

JEWISH
WEEKLY SERVICES (Friday, East Wing) 7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4) 9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 4) 1 p.m.

Chaplain J. Milton Collins, Capt. CHC, USN

Chaplain A.J. Smith, Cdr., CHC, USN

Chaplain C.R. Beede, Lt. j.g., CHC, USN

Hearing impaired equipment available. Nursery available.

Phone NWC ext. 3506, 2773.

Immunizations available Monday

Appointments are not necessary for children aged 2 months through 17 years to receive immunizations at the Kern County Health Department clinic at 250 W. Ridgecrest Boulevard on Monday between 8:30 a.m. and noon.

All children must be accompanied by parent or guardian since a consent form must be signed. Cost of each immunization required for school entry is \$2, with a maximum charge of \$5 per family per visit. Credit cards, insurance forms or large bills will not be accepted; Medi-Cal stickers, however, will be honored.

Available also will be Haemophilus influenza type b (Hib) vaccine at \$11 per injection. Hib vaccine charges are not included in the maximum \$5 per family fee.

Tanaka plans to spend many more years at China Lake

Wayne Tanaka, like many China Lakers, never expected to remain in the Indian Wells Valley for nearly 20 years when he arrived at the Naval Weapons Center as a junior professional.

Now, as head of the Laser Systems Branch in the Aircraft Weapons Integration Department's Targeting Division, Tanaka looks forward to many more years of very enjoyable and challenging work for the Navy.

In 1969 Tanaka brought his degree in physics from the University of Washington to NWC expecting to stay just a few years. After 10 years he realized he had stayed because of the work environment and his ability to do the kind of work he enjoyed most. He adds that it did take him a while to get used to the desert and the pace of a small town.

Tanaka still remembers his initial interview with NWC recruiters who told him about the junior professional tours and the opportunity to gain experience in various areas on Center, then choose where he

wanted to work. "That was a very powerful incentive," he said.

The Laser Systems Branch works with technology associated with lasers as they apply to weapons systems, the Strategic Defense Initiative (SDI) and avionics. Tanaka noted they stress solid state laser technology, including the YAG and carbon dioxide lasers in the infrared spectrum.

"I enjoy the technical work and my capability to allocate manpower to areas of the technology I want to investigate," added Tanaka. "I find I enjoy staying with the technology, watching it change and mature. I hope to continue to be involved in that end of the field."

In addition to his degree from University of Washington, Tanaka used the NWC Fellowship program to complete work on his master's in physics from the University of Southern California several years ago.

His work keeps him busy, but in his limited spare time he has been active with the Desert Counseling Center (DCC) including being a current member of the

Precautions suggested

With the approach of fall and winter, hikers, backpackers, hunters and anglers need to take a few extra precautions when they venture into the wilds. Sudden storms have cost many lives because those going into the out-of-doors were unprepared for the weather.

First, as at any other time of the year, it's always a good idea to leave word with someone trustworthy about where you'll be and when you plan to be back. This one precaution alone has probably saved more lives than any other single preparedness measure on the part of anyone going into the wilds.

Second, prepare for sudden cold or wet weather. Hypothermia, which is the rapid and progressive mental and physical collapse accompanying the chilling of the body's inner core, is caused by exposure to cold and is intensified by wetness, wind and exhaustion. It can and does occur at temperatures well above freezing.

When a person is chilled and shivering, the body quickly becomes exhausted and the brain is severely enough affected so

judgment and reasoning power are quickly lost. The victim is usually not aware of this happening. Without immediate treatment, the victim can die within a few hours.

The best way to avoid hypothermia is to stay dry. Wool clothing will retain most of its insulating value when wet, but cotton, down and synthetics will not.

Be aware of the wind because even a slight breeze carries heat away from the body.

Use proper clothing. Wear rain gear when necessary and put it on before getting wet. Hats, preferably wool, should be worn both for protection and to retain body heat.

In the case of someone showing signs of hypothermia, start treatment at once. Get the person into a warm sleeping bag, remove wet clothing from the person, give that person warm drinks (even just hot water) and keep the individual from going to sleep. Get a fire going, even if the fire is just that of a backpacker stove, to add any warmth possible.

Hypothermia can be fatal — it's best not to take chances.

Firemen to inspect housing Door-to-door in November

China Lake Fire Division personnel will be conducting door-to-door courtesy fire inspections on all Center housing from Nov. 3 through 21. Every effort will be made to inspect all occupied Center housing.

Some of the inspections may need to be made after hours and on weekends because of tenant work hours or vacations. Fire inspection teams will not inspect vacant or unoccupied quarters and a responsible adult family member must be present during the inspection.

All Center residents are urged to participate in this effort to make all Center families more aware of the importance of fire prevention. The fire inspectors will

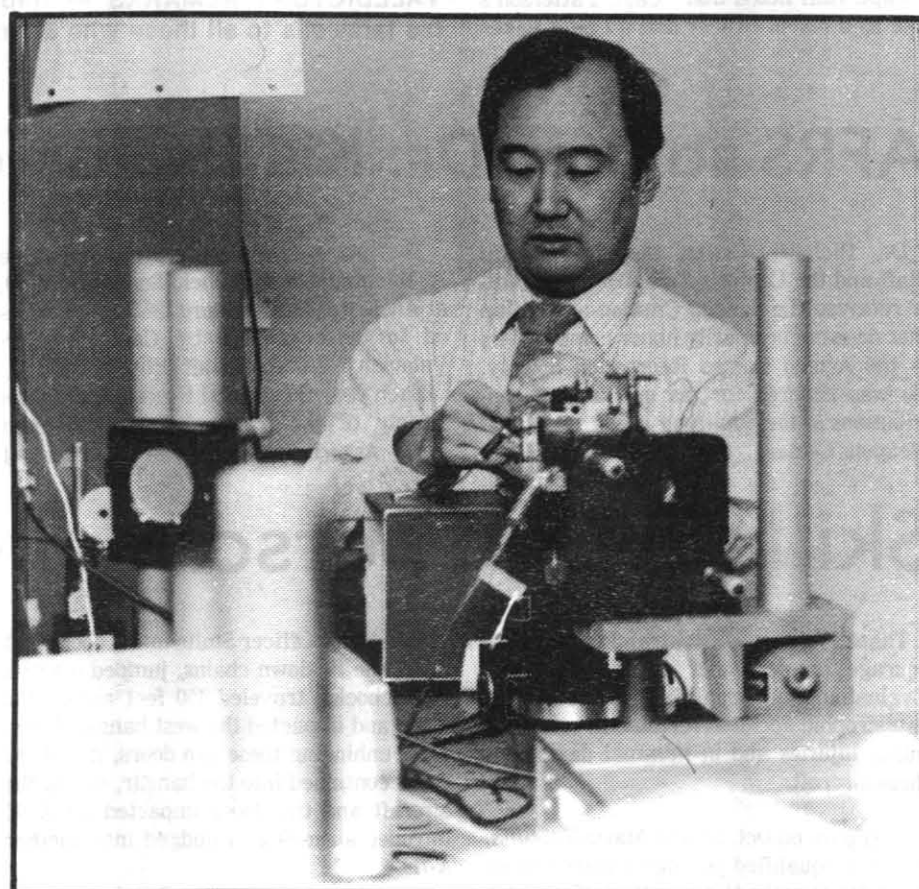
During the inspection, the inspectors may make recommendations and answer any questions.

Residents who will not be home during the normal inspection hours of 8 a.m. to 4:30 p.m. may call NWC ext. 2146 or 2402 to arrange for a special inspection.

Residential inspectors are conducted annually by the Center Fire Division because fire prevention begins at home.

commented, it allowed him to work with some very fine people also involved in helping making this a better community.

Tanaka's wife, Nancy, is a financial management advisor on-Center. His stepson, Troy, attends Burroughs High School.



LASER SYSTEMS — Wayne Tanaka, head, Laser Systems Branch of the Aircraft Weapons Integration Department, is surrounded by laser equipment as he works on setting up a test.

Volunteers seeking contributions to annual CFC

INTERNATIONAL SERVICE AGENCIES Americans...making a world of difference

Your contribution to the International Service Agencies (ISA) through the Combined Federal Campaign, helps ISA respond to the critical needs of our world neighbors. In times of disaster, or in assisting with long-term projects — ISA agencies supply emergency assistance...and we teach families to provide for themselves through farming, job training, medical care, schools, refugee resettlement and clean water systems.

And so little does so much:

\$15 provides safe water for a village overseas through a new clean water system.
 \$25 provides 25 children overseas with immunization against the 6 major childhood diseases.

\$30 provides 40 fruit tree seedlings, supplying vitamin-rich fruit and a source of income for a Third World village.

ISA Member Agencies:

ACCION International
 African Medical & Research
 Foundation/AMREF

Africare

American Jewish World Service

American Leprosy Foundation

American Near East Refugee Aid

CARE

Catholic Relief Services

Church World Service/CROP

Direct Relief International

Foster Parents Plan

Foundation for the Peoples
 of the South Pacific

Heifer Project International

Helen Keller International

Institute for International
 Development

International Eye Foundation

International Human Assistance
 Programs

International Rescue Committee

Ireland Fund

Meals for Millions/Freedom from
 Hunger Foundation

Oxfam America

Pan American Development
 Foundation

Pearl S. Buck Foundation

Planned Parenthood — World
 Population

Project Concern International

Project HOPE

Project ORBIS

Save the Children

Technoserve's World Harvest Fund

U.S. Committee for UNICEF

Unitarian Universalist Service
 Committee

World Education Inc.

World Relief

World Wildlife Fund — U.S.



Your contribution to ISA makes a world of difference!
INTERNATIONAL SERVICE AGENCIES
 4733 Bethesda Avenue, Suite 805 • Bethesda, Maryland 20814 • (301) 652-4944 • (800) 658-8079

This year's Combined Federal Campaign (CFC) fund drive is well underway, aiming for a new record of giving by China Lakers. The month-long drive is the one time each year federal employees, military and civilian alike, are asked to donate to charity.

The CFC combines fund-raising efforts of the United Way, health agencies and national and international service agencies into this one annual government-wide campaign.

Natalie Harrison, NWC Community Liaison Officer, and Loretta King, NWC Assistant Public Affairs Officer, are coordinating the drive again this year. Key persons from every department at China Lake met recently to be briefed on the drive and be given material they are to give to all employees encouraging participation in this year's CFC effort.

Pledge cards include a receipt for donors to keep for their tax records. All contributions are fully tax-deductible for taxpayers who itemize their return. The employee is to be given the second page of the three-

part card as the receipt. The instructions with the cards incorrectly tell key personnel to give employees the third page, according to Mrs. Harrison.

Funds collected are distributed according to the desires of donors when they specify particular charitable organizations. Funds not earmarked for specific organizations go largely to the United Way of the Indian Wells Valley. This umbrella organization distributes funds to many other groups in the valley including the Salvation Army, American Red Cross, Boy and Girl Scouts of America, Civil Air Patrol and many more.

International assistance through CFC donations goes to agencies such as CARE, World Wildlife Fund, Pearl S. Buck Foundation and Heifer Project International, in efforts to spread the benefits of CFC giving throughout the world.

Last year China Lakers established a new record when total pledges and donations topped \$200,000 for the first time. Employees here are asked to once again to dig deep into the pockets and be generous during this once-a-year fund raising effort.

The spirit of America was celebrated this summer at the Statue of Liberty celebration. Let us all take the opportunity provided by the 1986-1987 Combined Federal Campaign to demonstrate once again the American spirit of voluntary giving.

Through the 25 years of the Combined Federal Campaign, Federal civilian employees and members of the Armed Forces have shown their concern for those less fortunate in the United States and around the world by contributing generously through the Campaign.

You have a record of generosity and concern for others. I am confident that the proud record will continue in this fall's Campaign. While the decision to give is personal and voluntary, I encourage each of you to join me in wholeheartedly supporting the 1986-1987 Combined Federal Campaign.

Ronald Reagan

Please support the **leukemia society of america, inc.**



Lupus Foundation of
 America, Inc.

A.D.™ Alzheimer's Disease
 and Related Disorders Association, Inc.

COOLEY'S ANEMIA
FOUNDATION, INC.
 THE FIGHT AGAINST THALASSEMIA



NATIONAL KIDNEY FOUNDATION

NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE

MUSCULAR DYSTROPHY ASSOCIATION

United Way of Indian Wells Valley

JUVENILE DIABETES FOUNDATION INTERNATIONAL

MARCH OF DIMES Preventing Birth Defects

NATIONAL FOUNDATION FOR CANCER RESEARCH

AMERICAN HEART ASSOCIATION

INSTITUTE OF LOGOPEDICS
 2400 Jardine Drive • Wichita, Kansas 67219

CHILD FIND INC.
 7 Innis Avenue, New Paltz, NY 12561

AMERICAN KIDNEY FUND

ARTHRITIS FOUNDATION

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 NWC Commander

Gerald R. Schiefer
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Denny Kline
 Public Affairs Officer

Mickey Strong
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Youth Soccer League ends first month of action

Competition reached the end of the first month in NWC's Youth Soccer League with games last weekend. The 16 teams in three divisions will be back in action at fields on board the Center starting at 8 a.m. tomorrow (Saturday).

Division 1 Sun 4, Coyotes 0

Behind goals by Aaron Franch and Matthew Girardot (two each), the Sun was an easy victor. Andrea Falk, Sean Sewell and Adam Branson were defensive leaders. Luc Marceau, Kevin Wallace, Jesse Coit and John Read led the much-improved Coyotes.

Cobras 0, Apollos 0

These evenly matched teams battled to a scoreless tie. Kevin Nowicki, David McCulley, Jeremy Ellingson and Wesley Drake led the Cobras. Bill Nelson, Anastasia Wunderlich, David Rollingston and Dan Dowling led the Apollos.

Roadrunners 1, Owls 0

It took only one goal, that by Alan Schoenberg, to give the Owls their win. Andrew Hernandez and Jason Schweitzer led the defense. The Roadrunners were led by Adam Freund, Nathan Mickelsen, Brandon Tullio and Vincent LeBlance.

Rowdies 0, Express 0

Monique Robertson made several saves to preserve the tie for the Rowdies. Other key players were Kenny Foley, Robbie Gordon and Kevin Ramsey. Jim Onozco,

Willie Raymond and Peter Greedy were leaders for the Express soccer squad.

Eagles 5, Fury 0

It was a super offensive effort by the Eagles with Kevin Cornett's three goals leading the way. Jodi Sieg and Mitch Fortune had one tally each. Robert Green, Scott Giroux and Curtis Allen were key players for the Fury team in the hard-fought encounter.

Chiefs 2, Bandits 0

Goals by Brian Armstrong and Andrew Gates gave victory to the Chiefs. Katie Pershing, Jeb Pershing and Bret Trahey had strong games. Ray Hyles was in goal for the Bandits and played a good game. Jennifer Conover and Brad Simmons were defensive leaders.

Division 2 Timbers 3, Cosmos 0

Carl James ripped the Cosmos for two goals, while Sam Stevens added the final tally. Brian Mavis was the defensive leader. Aaron Cuevas, Joe Mechtenberg and



Robert Chudy were leaders for the Cosmos.

Drillers 3, Strikers 0

Neil Covington accounted for all three goals by the Drillers, all of them in the second half. It took an overall team effort to pull it off. Tory Flores was the leader for the Strikers in the defeat.

Lancers 1, Earthquakes 1

A lone goal by Danny Hartley was all the scoring the Lancers got. Eric Sievert, Charles Curtis and Danny Haynes were other Lancer leaders. Christian Robertson, Jesse Beines and Kenny Kirschmann were key players for the Earthquakes, with Beines scoring the only goal.

Sting 0, Blizzard 0

No one was able to score in this rugged defensive game. Akini Garrett, Bill Yeager and Greg Zwierchowski were leaders for Sting. Dan Caffery, Bill Freund, Ray Gonzales and Dave Von Elm led the Blizzard.

Division 3 Whitcaps 5, Sounders 2

Two goals by John Trahey led the Whitcaps win. Jerry Green, David Fowler

Sports

and Damon Kelling also scored for the victors. Mike Ogren's two goals were the best offense for the Sounders. Doug Wilson also played a strong overall game in the loss.

Kicks 6, Tornados 0

Josh Benson scored his first goal ever to cap the win by the Kicks. Butch Boswell and Scott Ross scored two goals each and Andy Lopez had one. Kevin Self, David Renner and Carters Jones were top players for the Tornados.

Rogues 1, Surf 0

Eric Armstrong had the only goal needed for the Rogues victory. Aaron Schwartz was the goalie who kept the Surf from scoring. Tom Foisy, Dennis Sarrett, Lee Cox, Jose Rogge and Marcus Lopez led the Surf effort.

Diplomats 5, Roughnecks 1

Behind two goals from Steve Sticht along with solo scores by Jason Duff, Natalie Noel and Charlie Wiles, the Diplomats were easy winners. Jamie Scholl had a fine game in goal for the Roughnecks as they played short handed against the strong Diplomats.

Sockers 3, Aztecs 0

Randy Martin, Adam Summers, Brandon Rey, Avak Haroutunian, Vasken Haroutunian, Chris Patten and Frank Gamble were key people in the Sockers victory. There was no score sheet for the Aztecs.

Scorp teams seek crowns

Two Scorpion Soccer Club teams will battle for the Golden Empire Soccer League Cup championships this weekend in Bakersfield.

Leading the way will be the unbeaten regular season champion under-19 Scorpions facing the third place Inferno squad at 8 a.m. tomorrow.

At 11:30 a.m. the winner of the Scorpion vs. Inferno game will clash with the other semi-final victor for the cup, a perpetual trophy nearly five feet tall.

Under-16 Scorpions, fourth place finishers in the regular season, will face the Blues Brothers, league champions in regular season play, in a 10 a.m. game. An upset win by the Scorp would move them into the semi-final round tomorrow afternoon. The title clash is set for Sunday.

Cagers eyed

In just two weeks, the Naval Weapons Center Intramural Basketball League will begin play for the 1986-87 season. This program is open to military personnel and dependents 18 years of age and older and DOD employees and their eligible dependents.

League action, said Craig Ulrich, head of Recreational Services Department's Sports Branch, is scheduled to begin in the second week of November. All games are scheduled after normal working hours in the Center gym.

Anyone interested in intramural basketball or anyone with a team to enter can call the Sports Office at NWC ext. 2334 for additional information.

Karate class

Martial arts training for youngsters nine to 15 years of age is possible this fall at China Lake, thanks to NWC's Recreational Services Department's Youth Activities Branch. Classes in Tae Kwon Do begin November 3.

This youth karate class will teach basics on Monday and Wednesday evenings at the NWC Gym Annex. Class sessions begin at 6 p.m.

Dependents of active duty military personnel will pay a \$14 fee while DOD employee dependents will pay \$15 and all others will be assessed a \$16 per person fee.

Coyote Chase on Saturday

Area runners can join Cerro Coso Community College students in a Coyote Chase two-mile run tomorrow (Saturday) morning starting at the college parking lot. Registration is at 8 a.m. and runners start at 9 a.m.

For additional information call Betty Miller, race director, at 375-5001, ext. 353.

Scorpion teams take their lumps

Scorpion Soccer Club teams took their lumps on Saturday in Golden Empire Soccer League action. The under-14 Scorp were humbled 3-0 by the Outlaws at Davidove Field, while the under-16 team saw a 1-0 early lead turn into a 2-1 loss at the hands of the Bakersfield Soccer Club.

The under-16 game found an early goal by Matt Ziegler providing the local club with a 1-0 lead at the half. Ziegler scored on a breakaway after being set up by the play of Matt Mechtenberg.

Sixty minutes into the contest, the Scor-

pions hit a goal kick right at the feet on a BSC player. He quickly controlled the ball and scored for a 1-1 deadlock.

Just five minutes later the visitors from Bakersfield scored on a corner kick for a 2-1 lead and the eventual victory.

The home team was unable to come up with the equalizer and ended regular season league competition on a losing note.

In under-14 action, the youngest Scorpion team saw the Outlaws gain a 2-0 edge before halftime and go on for a 3-0 shutout triumph.

keep the ball under Scorpion control in a regular season contest at Murray School. They are in league tourney play tomorrow. — Photo by Steve Boster

CROWDED FIELD — Players controlling the ball seem to attract a crowd when it comes to soccer action. The under-19 Scorpion is attempting to



The Skipper Sez...

QUESTION

Civilian employee — I wanted to tell you that you can't use the bicycle paths going in and out of the front gate. When you come in the front gate, they have it dug up right there at the edge so you can't get on it; and the problem the other way is they dug a big hole with a great big mound of dirt right in the middle of the path and when you get by the Armitage Field road, it is all dug up. So, you can't use them and there isn't enough space in the gutter, but that's where I've been riding, but it's pretty scary. I think if I keep it up long enough I am going to get hit. I would really appreciate it if you guys could take an emergency action and tell them to go out and fill in the holes because the work out there has been done. I think the contractor just didn't do that part, because I think, they think they are done. Thank you very much.

ANSWER

The bike paths on either side of Inyokern Road were disrupted during the construction of the new flood control channel. They are now restored to approximate pre-construction configuration. The concerned areas were reshaped and primed earlier this month. Final paving for the bike paths has now been accomplished.

I recognize that the construction efforts have caused some level of inconvenience. I want to thank all of our bike riders for their understanding and patience.

All China Lakeers, 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. J.W. Patterson. 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.

Computer meeting set

On Thursday, the Information Systems Group will host an all day symposium on supercomputers — their history, characteristics and application to laboratory projects.

During the morning, the symposium will be held in the Center theater, with parallel sessions held in the Chart Room and Mojave Room of the Commissioned Officers' Mess. Afternoon sessions will all be held in the Center theater.

No tuition or fee is charged for attendance; attendees charge time to their own job order number. Within the physical limits of the facilities, there is no limit to attendance, but those who plan to attend are asked to get in touch with Bob Estell, Code 1407, NWC ext. 3481 in advance so that adequate amounts of the handouts and other materials will be available. Estell can also be reached via E-Mail on SEFE = ESTELL.

Code 004 (Human Resources Development Division) will supply rosters for those who wish training credit for attendance. Each person must provide name, code and social security number to receive credit.

The sessions open at the Center theater at 8:15 a.m. with a welcome entitled "CRAY in the Labs," by Bob Ewald, CRAY Research, followed at 9:15 by Bill Kirtlow, CRAY Research, with a "CRAY Product Overview."

At the Center theater at 9:30 a.m., Emily Nagle of OMNIBUS Computer Graphics will talk about "Computational Sciences and Graphics;" at 10:20 a.m., Carlos Marino, CRAY Research, on "C.A.E.;" and at 11:10 a.m., Arnold Karo, Livermore National Laboratories, on "Detonation Physics."

At the Chart Room at 9:30 a.m., Bill Samayoa, CRAY Research will discuss "Image Processing;" at 10:20 a.m., Loren Lemmerman, CRAY Research, "Computational Fluid Dynamics;" and at 11:10 a.m., Samoyoa will discuss "Signal Processing."

At the Mojave Room at 9:30 a.m., Evans Harrigan of CRAY Research will talk about "Simulation Techniques;" at 10:20 a.m., Denny Olson, CRAY Research, "Artificial Intelligence;" and at 11:10 a.m., Harrigan will discuss "Computational Methods for RCS."

When the afternoon session begins at 1 o'clock at the Center theater, Jack Worlton of Los Alamos National Laboratories will talk about "Supercomputing: Past, Present and Future." He will be followed by Dale Henderson of Los Alamos National Laboratories on "DETEC: Simulating with a Supercomputer" and Dave Thompson, CRAY Research on "Networking." Final talk of the day will be by Kirtlow on "Supercomputer Futures."

DOD asks contractors to report cases of fraud

The Defense Department has started a program to encourage defense contractors to report possible cases of fraud before they're caught.

The program, recently announced by DOD Deputy Inspector General Derek J. Vander Schaaf, calls on defense contractors to voluntarily disclose potential civil or criminal issues and assist the appropriate contracting officer, Defense Contract Audit Agency auditor or Inspector General in the follow-up investigation or audit.

The contractors receive no immunity from prosecution by the Justice Department. However, DOD agrees to expedite

the investigation. If fraud is uncovered, DOD will advise the Justice Department of the voluntary disclosure, the extent of contractor cooperation and the types of corrective action taken by the contractor.

"The contractors understand the department's view that early voluntary disclosure, coupled with full cooperation and complete access to necessary records, are strong indications of an attitude of contractor integrity even in the wake of disclosure of potential criminal liability," according to Deputy Secretary of Defense William H. Taft IV.

"We will consider such cooperation as an

important factor in any decisions that the department takes in the matter."

The program is part of a Defense Department-wide crackdown on the many types of contractor fraud: product substitution, false claims, bribery and labor hour mischarging.

Mike Eberhardt, assistant Inspector General for criminal investigations policy and oversight, said his office is now giving special attention to two more types of fraud: kickbacks from contractors to subcontractors and bid rigging among competing contractors.

In nearly every kind of contractor fraud, the government ultimately pays an artificially inflated price for products or services. But, Eberhardt said, it is product substitution and bid rigging that have the greatest impact on individual service members.

Eberhardt said cooperation provided by the FBI, the Justice Department and defense contractors themselves is helping DOD crack down on contractor fraud.

By Donna Bolinger
American Forces Information Service

Dr. Kistler wins award from AFRS . . .

(Continued from Page 1)

members of the AFRS.

The nomination for Dr. Kistler noted that recreational needs of military personnel as well as the needs of 5,000 Department of Defense civilians employed at China Lake must be met by the Navy because the small town of Ridgecrest is unable to meet a quality recreation program for all these personnel.

It continues that Kistler is a "can-do" comptroller who actively addresses ways of getting things done within the system and making the system work to maximize the quality of life at China Lake. His behind-the-scenes efforts have been of paramount importance to recreation services at China Lake and he sees the value of contributions made to a person's family, work performance and community involvement.

"His creative thinking and innovative ways to accomplish goals have provided ways to finally help the Recreation Program," the nomination says, continuing that "His leadership, financial pioneering, direction, initiative have been monumental."

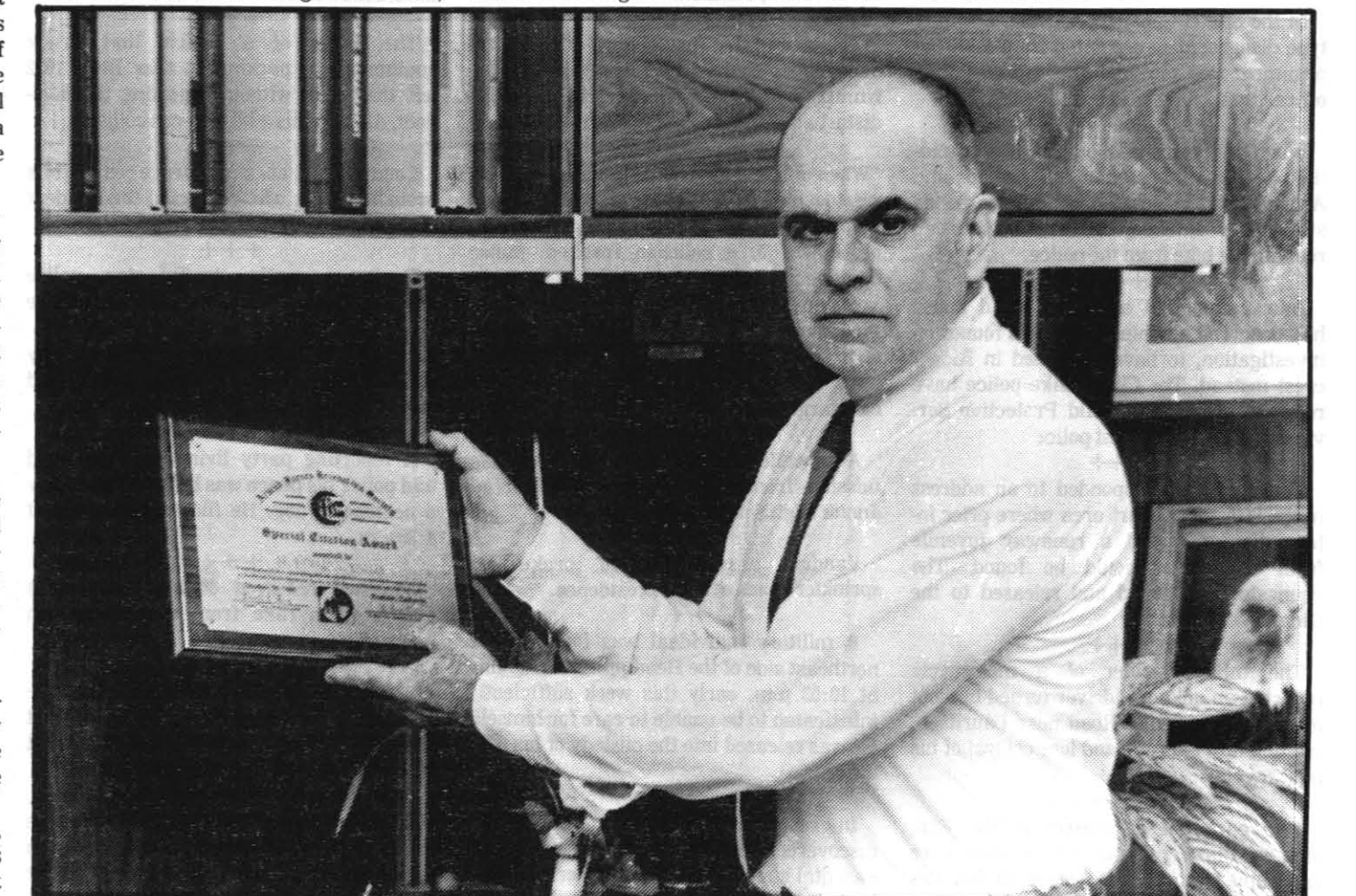
Dr. Kistler is the first civilian comptroller to have been honored in this way by the AFRS. Other honors held by him are the Michelson Laboratory Award and the Navy Superior Civilian Service Award.

He has been at China Lake since 1962, when he was employed in the Weapons Planning Group as an operations analyst and moved to Central Staff in 1970. He became head of that organization and Comptroller in 1975.

Before arriving at China Lake, he earned a bachelor's degree in mathematics from Lewis and Clark College in Portland,

Oregon, a master's degree in education from the University of Portland and a doctorate in management science from Stan-

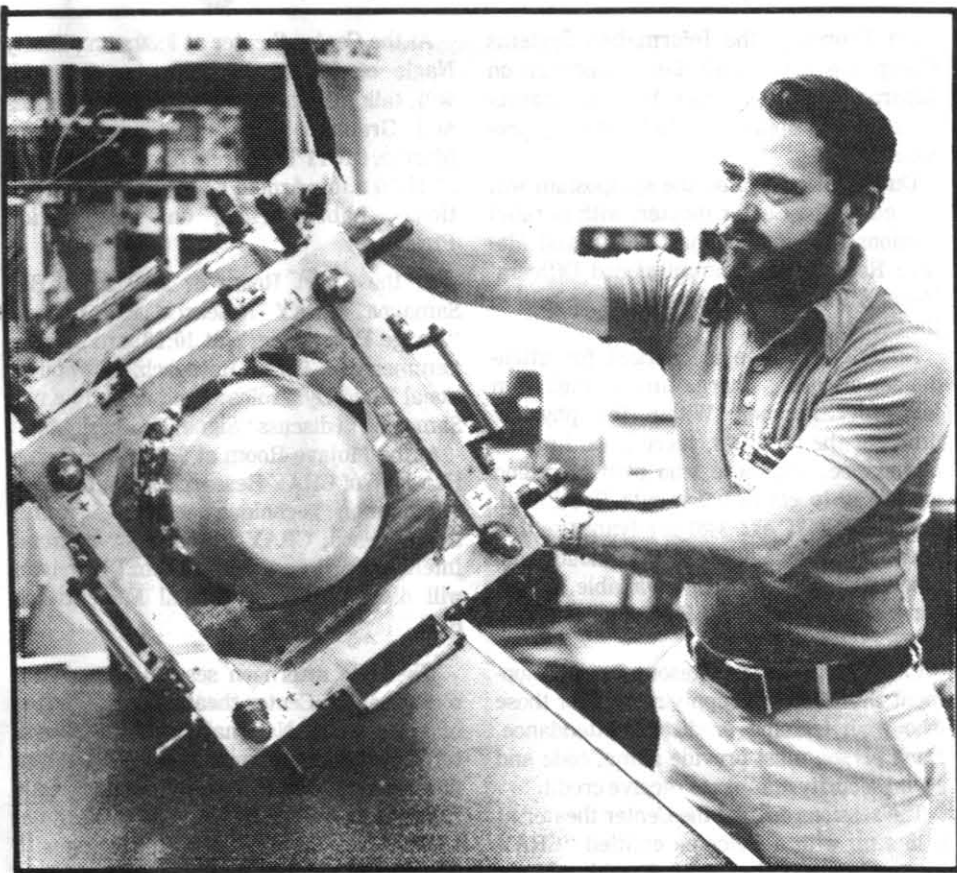
dord University, where he taught mathematics in the Stanford Graduate School of Business.



PROUD ACQUISITION — Dr. Dick Kistler gets ready to hang the special citation plaque that he received from

the Armed Forces Recreation Society at their recent convention. — Photo by PH2 Rick Moore

Center, contractor join in developing laser gyro

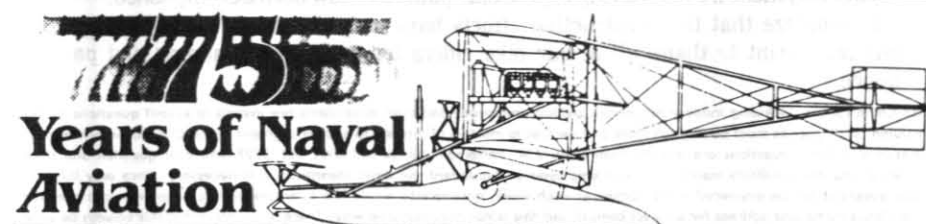


Underscoring technology transfer between government and private industry has been the laser gyro inertial reference system being used in the Boeing 757 and 767 commercial aircraft. This system developed by Honeywell is a spin off from the Advanced Tactical Inertial Guidance System (ATIGS) under development from 1968 into the 1970s at NWC.

NWC was interested in the laser gyro for use as a sensor in mid-course guidance systems for medium- and long-range guided missiles. The laser gyro, in contrast to a conventional or gimbal gyro, has no moving parts, has the ability to withstand high "g" forces and has a long shelf life without needing recalibration.

The basic component of ATIGS, a ring laser gyro, was developed by Honeywell, then Navy personnel at China Lake integrated the first functional laser guidance navigation system and both organizations worked together to develop the resulting applications of the new technology.

A laser gyro uses two beams that are reflected with mirrors or prisms in opposite directions in an enclosed area to produce a ring configuration. During rotation there is a difference in the path length the laser light must travel around the ring in the two opposite directions which leads to a difference in the signal outputs of the beams, indicating that the gyro has rotated.



Surplus property auctions scheduled on Nov. 13

Public Auction IFB 41-7067 will be held Thursday, Nov. 13, according to the Defense Reutilization and Marketing Office, China Lake. The sale will start at 9:30 a.m. in Building 1073, Warehouse 41 and the public is encouraged to bid.

Among the 222 items to be offered will be photographic equipment including a Graflex camera, MP cameras, electron tubes, tube tester, HP spectrum analyzer, oscilloscopes, voltmeters, power supplies,

measuring tools and inspection gages, typewriters, books and periodicals, generator sets, evaporative coolers, wood pallets, storage cabinets, workbenches, shelving, desks, chairs, paints and coatings, and pickup trucks.

The items will be on display for inspection beginning Nov. 4 and will be shown daily from 8 a.m. to 3 p.m. except weekends and Veterans Day. A complete list as well as sale terms and conditions

may be seen in Building 1073, Warehouse 41.

Registration will begin at 7:30 p.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted.

Items purchased may be removed on the sale day provided full payment is made. Payment must be in cash or guaranteed instrument (money order, cashier's checks, travelers checks, etc.). Purchasers will

have until Nov. 20 to pay for and remove items before storage charges are applied.

Because the Defense Reutilization and Marketing Office is located within the Naval Weapons Center's interior security fence line, prospective bidders must stop at the main gate and obtain a pass before coming aboard.

For further details, contact Greg Berry at Building 1073, Code 97 or telephone NWC ext. 2502 or 2538.

Help sought for holidays

Many Center organizations have indicated their wish to take part in the Salvation Army Holiday Basket Program, according to Brenda Blowers, who is coordinating the program this year.

Those who have already committed themselves to preparing one or more baskets and contact persons include: Code 0821, Marie Gutzman, NWC ext. 2455; Code 0862, Katrina Nason, NWC ext. 2151; Code 3907DM, Julia Wade; Code 2522, Beverly Parsons or Maggie Green, NWC ext. 3647 and 3648; Code 61 secretaries, Jennie Canfield and Ruth Taylor, NWC ext. 5405 and 5929; All Faith Chapel, Agnes Winter, Eleanor Hartwig and Debbie Schwartz.

Anyone with questions about the program can obtain additional information by telephoning the Salvation Army at 377-5319.

Chili feed set

Not only alumni of Cerro Coso Community College but also everyone who likes chili will benefit at the Alumni Association's fourth annual chili feed to be held Sunday, Nov. 2 from 11 a.m. until 8 p.m. at Cerro Coso. A small charge of only \$2 will give chili lovers a choice of a bowl of either mild or hot chili and a heaping helping of buttered cornbread, or a chili dog with all the trimmings, or a chili size (burger).

Proceeds from the chili feed will go into the Alumni Association's Scholarship fund.

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

Petty Officer Boron recognized as leading sailor

HM3 Joseph Boron was honored as Sailor of the Quarter for the third quarter at NWC's Branch Medical Clinic last week. A pharmacy technician, Petty Officer Boron is the petty officer in charge of the Clinic's pharmacy department.

The new Sailor of the Quarter is responsible for dispensing pharmacy items for patients and for ensuring other hospital corpsmen are trained in pharmacy activities.

"I like the responsibility I have here ... at a large hospital I'd just be another pharmacy technician, one of many," com-

mented Petty Officer Boron.

HM3 Boron has been at China Lake for two years and has spent three years in the Navy. He noted he plans to ship over for

another tour when this enlistment is up.

A native of Canada, he calls Farmington, New Mexico, home and says he joined the Navy for the training and career oppor-

tunities available to military personnel.

Active with racquetball, bowling and other sports, he enjoys the opportunities and facilities at China Lake.

Future plans include getting married early next year and continuing his education with an eye towards a bachelor's degree, probably in a medical field of some type. This week he began training in San Diego for an emergency medical technician's certificate.

The new Sailor of the Quarter was nominated by his supervisor and selected by a screening board of senior clinic personnel.



Military News

FRA Branch 95 has Monday night meeting

China Lake Branch 95 of the Fleet Reserve Association will hold its regular monthly meeting Monday at 7:30 p.m. at the Chief Petty Officers' Mess.

Agenda items include final plans for the Veteran's Day program on Nov. 11 at the VFW in Ridgecrest and plans for the official visit of the regional president next January.

The China Lake branch will be repre-

sented at the annual USS Arizona Memorial Services in Tucson, Arizona on the weekend of Dec. 5 through 7, when the Old Pueblo Branch of the Fleet Reserve Association, the USS Arizona Reunion Association, The Tucson Council of the Navy League and the Student Union of the University of Arizona will join to hear Sen. Barry Goldwater.

All active duty and retired members of the Navy, Marine Corps and Coast Guard are invited to attend the branch meeting.

New CO assumes post at reserve unit 0176

Twenty years after beginning his Naval Reserve career at China Lake, Capt. James Fagnant returned as commanding officer for NWC Support Unit 0176 last Saturday.

Capt. Fagnant relieved Capt. John L. Bloore as CO of the NWC-based reserve unit in ceremonies held in front of Hangar Three. He told assembled members of the unit he was glad to be back at China Lake.

For Capt. Bloore, who retired from the reserves at the end of his tour at NWC 0176, this was the second time he had been the unit's commanding officer. As Cdr. John Bloore in 1978, he succeeded Capt. Gary Bailey in command of the unit. He was the second CO of the unit which was commissioned in 1976.

Guest speaker last week was Capt. Bailey, the plank owner commanding officer, who is retired from the reserves and now serves as associate division head for NWC's Aircraft Department's Airfield Operations Division. He talked about the early days of the unit and the number of people who had climbed the ladder since NWC 0176 was first commissioned.

The new CO comes to the Naval Weapons Center Support Unit from duty with VT 0276 at NAS Pt. Mugu, where he had been Executive Officer. Capt. Fagnant reported he

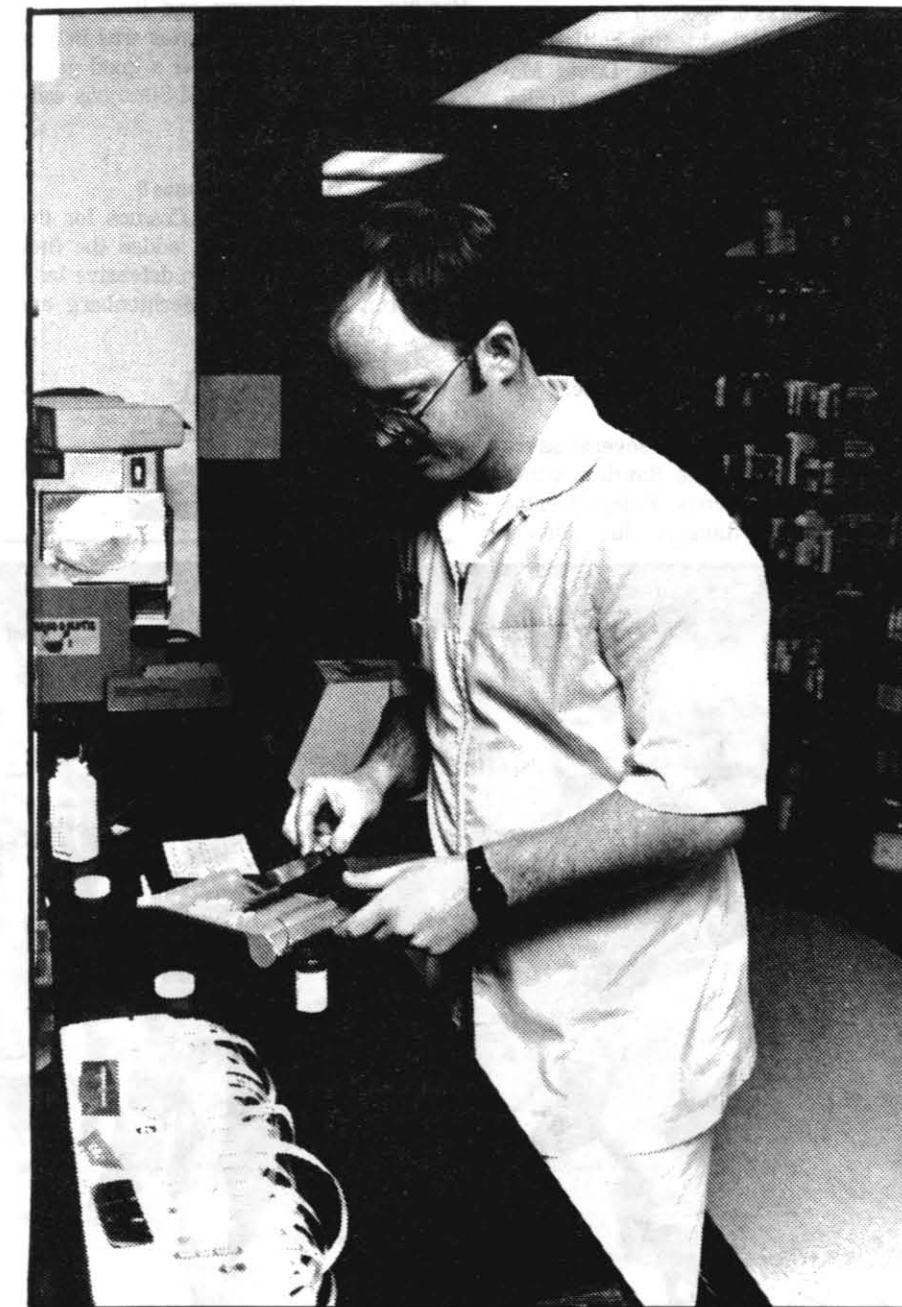
assumed command to Capt. Lloyd, Commanding Officer, Naval Air Reserve, Pt. Mugu, NWC 0176's parent organization, who attended the ceremony.

This reserve unit has an authorized strength of 16 officers and 70 enlisted personnel. Its mission is, when called upon, to mobilize at NWC and provide fully qualified personnel to technical and support departments, largely at Armitage Field under the Aircraft Department.

A 1954 graduate of Burroughs High School, Capt. Fagnant graduated from the University of Portland and earned an ROTC commission in the Air Force. He was a helicopter pilot with the Strategic Air Command in the 1960s.

The new CO left the Air Force in 1966 and received an interservice transfer to the Naval Reserve later that year, was designated a Naval Aviator and assigned to HS-771.

Capt. Fagnant is married to the former Donna McArthur of Highland Park, Mich.



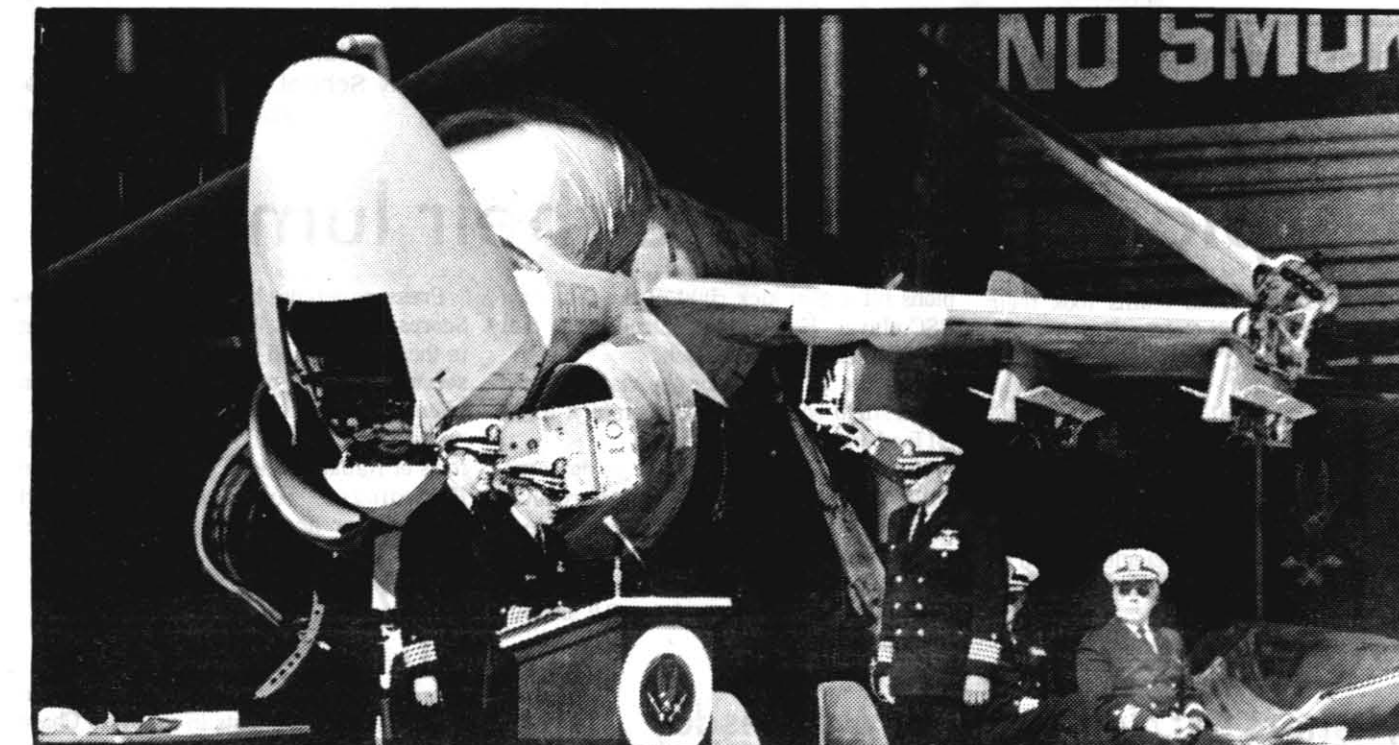
LEADING SAILOR — HM3 Joseph Boron supervises work at NWC's Branch Medical Clinic's pharmacy and is the Clinic's Sailor of the Quarter. In addition to counting pills, he trains other hospital corpsmen in the proper dispensing of pharmacy items.

NEX News

Christmas has arrived at the Navy Exchange, with loads of the latest fashions displayed on racks in the newly remodeled store, as well as Christmas cards and other beautiful items on display.

Those who are new on board and aren't aware of special benefits at the NEX for any organization planning to hold a Christmas party and that would like to save money to do so by using the NEX charge sales program to order toys. Items ordered through the charge sales program will be sold at cost plus 10 percent. Further information about this program can be obtained by telephoning either Cora Pajarillo or Barbara Leblanc at 446-2586.

Now is the time to save towards another Super Sunday Sale — the next will be held on Nov. 9.



NEW CO — Capt. James Fagnant addresses the men and women of NWC Reserve Support Unit 0176 as he assumed command of the unit last Saturday. Capt. John Bloore (standing at rear) who was relieved as

commanding officer, and Capt. G.T. Lloyd, Commanding Officer, Naval Air Reserve, NAS Point Mugu (at right) listen to Capt. Fagnant read his orders assigning him to China Lake.

— Photo by Steve Boster



China Lake Police Reports

Unknown persons removed a battery from a government vehicle parked at 71 Parsons; this is a petty theft.

In the Site B Capehart housing, a family type disagreement escalated from a verbal argument to a physical altercation. Police officers responded to keep the peace.

When police found a bicycle in the middle of the intersection of Stroop and Ashworth, they took the bike to the police station for safekeeping. The owner can reclaim the bike from the police.

Information that a case of child abuse had occurred at China Lake was found, on investigation, to have happened in Ridgecrest instead. The China Lake police have referred the case to Child Protective Services and the Ridgecrest police.

Police officers responded to an address in the Site A Capehart area where prior information indicated a runaway juvenile from Ridgecrest could be found. The youngster was found and released to the Ridgecrest police.

The military rider of a motorcycle reported an unknown driver turned in front of him on Sandquist Road near Lauritsen, causing him to brake and lose control of his motorcycle.

Two cars got aggressive in the Bennington Plaza parking lot — both were unoccupied when one, whose brake was apparently not properly set, rolled and struck another parked vehicle.

Unknown persons broke into a vehicle parked in the parking lot of the Technical Information Department and took two Jensen car speakers.

Police were called to quell a domestic disturbance of the peace in a residence on Nimitz. Both parties were advised and the disturbance settled.

When a second vehicle followed a first one too closely while the driver was attempting to park in the parking lot south of Hangar 3, a collision resulted. Minor damage was reported.

Unknown persons pried open the window of a trailer at the storage trailer on the NWC skeet range and removed boxes of clay targets.

A juvenile reported that his bike was missing from the bike rack at Murray Junior High School.

Vandals unscrewed and broke off sprinkler heads at a base residence.

A military individual was found at the northeast side of the Headquarters Building at 10:53 p.m. early this week sufficiently intoxicated to be unable to care for himself. He was released into the custody of his duty officer.

In responding to a 911 call, police discovered four children in a house without parental supervision. The mother was contacted and advised about laws regarding child care.

A vehicle passing another on Howitzer Road at the Randsburg Wash facility kicked up a rock, which struck the windshield of the second vehicle.

The driver of a vehicle that struck another in the parking lot near Bldg. 1032 left the scene without reporting the accident, making this a hit-and-run collision.

Loud music at a residence on Nimitz brought police, who contacted the resident and the resident turned down the volume.

During a routine traffic stop, police discovered that the driver did not have either any license or any identification. After he had been properly identified, they cited him into court for not having a valid driver's license.

A reporting party living on Dobb Road told police his peace was being disturbed by a neighbor's dog. He filed a complaint at 4:30 a.m.

Someone removed 60-watt light bulbs and a grass rake from a residence on Ashworth.

A young boy lost control of his bike in the 1900 block of Mitscher, fell and hurt himself. He was transported to Ridgecrest Hospital by Tri-County ambulance.

In following up on a bicycle that was found, police discovered it had been reported as stolen from Murray Junior High School earlier in the week. It was returned to its owner.

Forty ways to give up the cigarette habit

The following are the different ways smokers have actually used in retraining themselves to live without cigarettes. Any one or several of these methods in combination might be helpful to you. Check the ones you like and from these develop your own retraining program.

1. Before you quit smoking, try wrapping your cigarettes with a sheet of paper like a Christmas present. Every time you want a cigarette, unwrap the pack and write down what you are doing, how you feel and how important this cigarette is to you. Do this for two weeks and you'll have cut down as well as developed new insights into your smoking.
2. If cigarettes give you an energy boost, try gum, modest exercise, a brisk walk or a new hobby. Avoid eating new foods that are high in calories.
3. If cigarettes help you relax, try eating, drinking new beverages, or social activities within reasonable bounds.
4. When you crave cigarettes, you must quit suddenly. Try smoking an excess of cigarettes for a day or two before you quit so that the taste of cigarettes is spoiled. Or, an opportune time to quit is when you are ill with a cold or influenza, and have lost your taste for cigarettes.
5. On a 3" x 5" card, make a list of what you like and dislike about smoking. Add to it and read it daily.
6. Make up a short list of luxuries you have wanted or items you would like to purchase for a loved one. Next to each item write down the cost. Now convert the cost to "packs of cigarettes". If you save the money each day from packs of cigarettes, you will be able to purchase these items. Use a special "piggy" bank for saving your money or start a "Christmas Club" account at your bank.
7. Never smoke after you get a craving for a cigarette until three minutes have passed since you got the urge. During that three minutes change your thinking or activity. Telephone an ex-smoker or somebody you can talk to until the craving subsides.
8. Plan a memorable date for stopping. You might choose your vacation, New Year's Day, your birthday, a holiday, the birthday of your child, your anniversary. But, don't make the date so distant that you lose momentum.
9. If you smoke under stress at work, pick a date for stopping when you will be away from your work.
10. Decide whether you are going to stop suddenly or gradually. If it is to be gradual, work out a tapering system so that you have intermediate goals on your way to an "I.Q." day.
11. Don't store up on cigarettes. Never buy by the carton. Wait until one pack is finished before you buy another.
12. Never carry cigarettes about with you at home or work. Keep your cigarettes as far from you as possible. Leave them with someone or lock them up.
13. Until you quit make yourself a "smoking corner" that is far from anything interesting. If you like to smoke with others, always smoke alone. If you like to smoke alone, always smoke with others, preferably if they are nonsmokers. Never smoke while watching television.
14. Never carry matches or a lighter with you.

33. If the cost of cigarettes is your motivation for quitting, try purchasing a money order equivalent to a year's supply of cigarettes. Give it to a friend. If you smoke in the next year, he cashes the money order and keeps the money. If you don't smoke, he gives back the money order at the end of the year.

34. After you have quit, never face the confusion of "craving a cigarette" alone. Find someone you can call or visit at this critical time.

35. When you feel irritable or tense, shut your eyes and count backward from ten to zero as you imagine yourself descending a flight of stairs or imagine you are looking at the horizon as the sun sets in the west.



36. Get out of your old habits. Seek new activities or perform old activities in new ways. Don't rely on the old ways of solving problems. Do things differently.

37. If you are a "kitchen smoker" in the morning, volunteer your services to schools or non-profit organizations to get you out of the house.

38. Stock up on light reading materials, crossword puzzles and vacation brochures you can read during your coffee breaks.

39. Frequent places you can't smoke, such as libraries, buses, theaters, swimming pools, department stores or just going to bed during the first weeks you are off cigarettes.

40. Give yourself time to think and get fit by walking 1/2 hour each day. If you have a dog, take him for a walk with you.



Personnel Development Opportunities

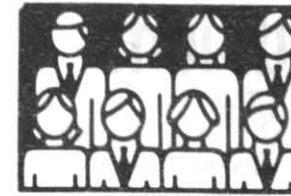
FIBER OPTICS TECHNOLOGY FOR TECHNICIANS

9 and 10 December, Tuesday and Wednesday, 0800-1600, Training Center. By Dr. Richard S. Hughes, Consultant.

Scope:

- I. Physical Optics
 - A. Geometrical optics
 - B. Fresnel equations
 - C. Total internal reflection
 - D. Waveguide modes
- II. Optical Fibers
 - A. Materials
 - B. Loss mechanisms (absorption & scattering)
 - C. Single mode and multimode
 - D. Graded index
 - E. Dispersion, bandwidth & link length/bandwidth product
 - F. Characteristics of state of the art
- III. Optical Sources
 - A. Light-emitting diodes
 - B. Semiconductor injection lasers
 - C. A & B contrasted by bandwidth, coupling efficiency, cost, etc.
- IV. Detectors
 - A. Materials & processes
 - B. PIN photo diodes
 - C. Avalanche photo diodes
 - D. Repeaters (source/detector combination)
- V. Integrated Optical Circuits
 - A. Materials & fabrication techniques
 - B. Sources, detectors, lenses, couplers, modulators, etc.
 - C. Integration of components
- VI. Hardware
 - A. Fibers & cables
 - B. Connectors
 - C. Time domain reflectometers
 - D. Splitters
- VII. Systems Considerations
 - A. Bandwidth, link length
 - B. Environment
 - C. Examples

Note: this course will be taught with a minimal amount of mathematics required to convey key concepts.
Deadline: 17 November.



Personnel News & Notes

No. 70 / October 31, 1986

Naval Weapons Center, China Lake, California 93555 6001

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). 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 then addresses the specific Knowledge/Skills/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on 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. 08-066, Supervisory Program Analyst, DA-345-2, Code 0833 — Position is that of branch head, Payroll Branch. Responsibilities include planning the organization and assignment of work within the branch; maintaining internal controls to insure accurate payrolls and reporting of the distribution of labor; maintaining retirement records and preparing applicable reports; and prepare payroll, tax, labor, and other required reports. Knowledge: of payroll and leave systems; Federal Regulations relating to payroll and leave systems; of data processing as related to payroll, leave and labor accounting. Abilities: to supervise and administrate; to coordinate and control work is imperative. Willingness to support NWC's EEO program and objectives. Previous applicants need not reapply.

No. 08-068, Budget Analyst, DA-560-1, Code 0808 — This position is in the Special Programs Group, Training Coordinator Office, Central Staff. The principal purpose of this position is to provide the incumbent with broad exposure to analysis projects and budget problem areas. The incumbent will gradually assume increasing responsibility for parts of full-scale studies or for researching and analyzing tasks, briefing results and providing necessary documentation for entire studies/projects of limited scope with some supervision. The incumbent is expected to provide support to the training coordinator as well as assume a lead role in coordinating and/or training in one or more STAFS transition area. Abilities: to make effective oral presentations; to analyze financial problems. Knowledge: of General Accounting, Cost Accounting, Disbursing, and STAFS. Promotion potential to DA-3.

No. 08-069, Fiscal Accounting Clerk, GS-503-4/5/6, Code 089 — This position is located in the Disbursing Division of Central Staff. Incumbent will be responsible for, under the direction of the Disbursing Officer, validation and disbursement of civilian payrolls, travel advances and claims, vendor payments, public vouchers and receives plus deposits collections. Knowledge: of Navy Industrial Fund accounting principles; of Joint Travel Regulations; of the document entry system and Integrated Disbursing and Accounting system. Abilities: to work under pressure; to work with changing priorities. Promotion potential to GS-6.

No. 22-8641, Recreation Assistant, PS-189-7, \$5.75 per hour, Regular Full-Time, Code 2227 — Incumbent prepares plans for Youth Sports and Summer Activities, instructs youth in a variety of sports, assists with the conducting of leagues. Supervises and trains staff on policies and procedures. Inventories and orders supplies for youth programs. Qualification Requirements: Position requires knowledge of sports and recreation needs of young people ages 6-18. Knowledge of training techniques, personnel procedures and regulations. Must have three years recreation experience which demonstrates: 1) an understanding of the

goals, principles, methods and techniques of recreation; and 2) an understanding of the interests and motivations of individuals and groups. This work is mostly active, some walking, bending and lifting of children not exceeding 40 lbs. is required. This is not a Civil Service position.

No. 25-029, Procurement Assistant, GS-1106-6/7, Code 25203 — Incumbent is responsible for administering the Defense Coordinated Procurement Program for NWC, providing administrative support to the Supply Department's individual responsible for contract operations and providing assistance to the contracting officers who have authority for contracts over \$1 million. Elements: Knowledge of the Contracts Division's operations and procedures; a working knowledge of FAR/DFAR/NARSUP/ NAVCOMPAN, the capabilities and procedures of other contracting activities, plus knowledge of the functions of the entire Supply Department and the other departments at NAVPNCEN. Ability to communicate well with individuals at all levels within the government and industry; and experience operating various types of office equipment and computer terminals. Promotion potential to GS-7.

No. 25-030, Purchasing Agent, GS-1105-4/5/6, Codes 2522, 25221, 25222, 25223, 25224, Multiple Vacancies — Incumbent is responsible for performing basic purchasing agent functions (e.g., places orders with vendors, issues RFQ's, modifies existing orders, drafts documents) with the assistance of an experienced buyer. Elements: Knowledge of small purchase procedures; of Automated Management Information Systems (OASIS); ability to deal effectively with others; to work under pressure. Promotion potential to GS-6. Status eligibles may apply.

No. 25-031, Procurement Clerk, GS-1106-3/4/5, Codes 2522, 25221, 25222, 25223, 25224, Multiple Vacancies — Incumbent is a follow-up clerk and is responsible for interfacing with Center departments and vendors, to expedite Automated Supply Information System (OASIS), to initiate tracer actions and update delivery status. Documents and initiates follow-up actions required as a result of contract administration. Elements: Knowledge of automated management information systems; communicate diplomatically in relationships with customers and vendors. Promotion potential to GS-5. Status eligibles may apply.

No. 26-076, Housing Manager, DP-1173-3, Code 265, Position NTE 1 year — May be made permanent. Incumbent manages the Center's Housing Program. Responsible for maintenance and operations and personnel support functions of the Center's government owned housing assets. Elements: Knowledge of family housing operations; knowledge of and willingness to support NWC's EEO policies and procedures. Abilities: to work tactfully with higher level management officials; to communicate both orally and in writing.

No. 26-077, Geothermal Operations Assistant, DA-301-1, Code 2606 — The incumbent monitors and documents geothermal development and exploration operations conducted by contractors to NWC Geothermal Program Office, Navy contractors for field and power plant development and the activities of lease holders and designated operators for whom NWC is the surface manager. The incumbent assists in the preparation of contract specifications, operational constraints, the management of the interface between station mission activities and all geothermal activities at Coso and other Navy geothermal project sites. Elements: Knowledge of geothermal drilling; knowledge of contracting procedures; ability to communicate both orally and in writing. Promotion potential to DA-3.

No. 31-162, Interdisciplinary, Supervisory Physicist, General Engineer, Electronics Engineer, Computer Scientist, DP-1310/801/855/1550-4, Code 319 — This position is that of head, Systems Engineering Division, Aircraft Weapons Integration Department. The division provides detailed analysis for strike aircraft tactical systems (such as the A-4/AV-8, A-6, A-7, A/H-1, F/A-18) and the development of tactical system software including software design, implementation, test, verification/validation, documentation and configuration management. The incumbent is responsible for the implementation, technical direction and control of projects assigned to the division. Job Relevant Criteria: Knowledge of physics, analysis of physical systems and avionics; knowledge of operational software development; knowledge of digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with the personnel inside and outside government. Desire and willingness to support NWC EEO policies and goals. Previous applicants need not re-apply.

No. 36-195, Clerk-Typist, GS-322-3/4, Code 3604 — This position is located in the Sidewinder Program Office, Engineering Department. The incumbent provides clerical support to the Sidewinder Program Office. Elements: Knowledge: of proper correspondence format; of office procedures. Promotion potential to GS-4.

No. 36-196, Clerk-Typist, GS-322-3, Code 360 — Incumbent provides clerical support to department staff, Program Offices, Mail Room (and other positions as required) during absences of current incumbents. Duties consist of receiving visitors and incoming phone calls; receiving and distributing incoming mail; typing official letters, memoranda, travel orders, travel vouchers and other forms; performing timekeeping duties; maintaining office files, etc. Elements: Knowledge: of office procedures; of correspondence format.

SECRETARIAL OPPORTUNITIES

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

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences. Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/4/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/5/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; and Department Secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 31-163, Secretary (Typing), GS-318-4/5, Code 3158 — This position serves as secretary to the head, Target Recognition Systems Branch. Promotion potential to GS-5.

Promotion potential to GS-4.

No. 36-197, Administrative Assistant/Officer, DA-341-1/2/3, Code 3604 — Supply assistance to the Sidewinder Business Manager in all aspects of Sidewinder production support programs (including ILS/FMS effort). The incumbent will be responsible for all program financial planning and management for production support, with assistance from the Business Manager for overall effectiveness. Elements: Knowledge: of financial planning for technical programs; of the Hewlett-Packard 9845B system; of organization and management principles. Ability: to maintain financial records; to organize and present data in writing. Promotion potential to DA-3.

No. 39-047, Clerk (Typing), GS-303-4/5, Code 3907 — This position is located in the Cruise Missile Program Office, Weapons Department. The incumbent performs clerical duties for the Cruise Missile Program Staff. Duties include typing of letters, memorandums, travel orders, travel itineraries, transmittals, purchase orders, etc.; receiving and directing visitors and incoming telephone calls; preparation of time cards; and arranging travel. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to compose correspondence and/or prepare nontechnical reports; knowledge of filing systems and files management; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Promotion potential to GS-5.

No. 61-016, Supervisory General Engineer, DP-801-3, Code 6133 — This position is located in the Aircraft Department, Engineering Support Division, Systems Engineering Branch. The incumbent serves as branch head to provide professional aircraft systems engineering for all NAVPNCEN projects requiring the utilization of either operational or target aircraft. Provides system engineering for the development of drone technology. The primary focus of the time is devoted to directing and actively participating in the technical tasks of the personnel being supervised. The remaining time is devoted to purely administrative matters, such as hiring and rating personnel, generating budget elements, assuring implementation of local policy and procedures, attending meetings and writing nontechnical memorandums. Knowledge: of engineering design of aircraft systems and their components. Abilities: to supervise; to communicate both orally and in writing; willingness to support the EEO and Affirmative Action plans. Note: All new supervisors must serve a one year supervisory probationary period. Promotion potential to DP-3.

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. 35-062R, Interdisciplinary (Electronics/Aerospace/Mechanical/General Engineer), DP-855/861/830/801-3, Code 35063 — This position is located in the HARM Technical Management Office, Electronic Warfare Department. The incumbent acts as HARM Aircraft Integration Engineer, managing and coordinating the initial and block improvement integration of the AGM-88A HARM missile with various Navy aircraft and their associated on-board avionics suites. Responsibilities include planning, scheduling, system engineering and coordination of technical government and contractor support for the integration efforts through system deployment in the fleet. Send updated SF-171 to Pete Chmelir, Code 35063.

No. 39-046, Interdisciplinary (Physicist/Electronics Engineer) DP-1310/855-2/3, Code 39403 — This position is head, Target Signatures Project Office. The incumbent manages the Navy Wide Target Signatures Program including target, atmospheric and background measurements and modeling. Responsibilities also include staying abreast of current Navy requirements for IR Signatures, organizing, planning and controlling specific programs which lead to answering questions and issues in these areas. The position requires a cooperative effort with other government agencies and with industry. Experience in atmospheric phenomenology and spectral measurements desirable. Send copy of current SF-171 to Wayne Doucette, Code 394, NWC ext. 3528.

Health benefits open season

The annual Open Season for the Federal Employees' Health Benefits Program begins on Monday, November 10 and will continue through Friday, December 5.

Employees who do not want to make any change in their enrollment need take no action during this time. However, any eligible employee who is not currently registered may enroll and enrolled employees may change from one plan or option to another, or from self-only to self and family, or a combination of both.

Employees who want to enroll or make some other permissible change in coverage should go to Room 100 in the Personnel Building. New enrollments and changes in current enrollments made during the open season will become effective on January 4, 1987.

Employees are urged to make any desired change in the Federal Employees' Health Benefits Program as soon as they have the information literature they need. Information materials have not arrived but will be distributed as soon as they are received.

For further information contact Sandra Tofson or Amy Toy at NWC ext. 2018 or 2592.

Blue Cross rep plans visit

Kathleen Keller, an accounts representative with the Blue Cross Health benefits plan, will be at NWC on Thursday, November 6 to meet with interested employees who may be having difficulties with their health benefits coverage or any who just wish to hear about any changes.

Kathleen Keller will be at the Personnel Building, Conference Room, 505 Blandy. You do not need an appointment, just come in any time between 9 a.m. and 1:30 p.m.

For further information contact Sandra Tofson or Amy Toy at NWC ext. 2018 or 2592.

Federal regulations require handicapped statistics

Federal reporting requirements were established in 1983 by OPM, DON and EEOC require every activity to monitor and report employment statistics that target handicapped individuals — those who have a "physical or mental impairment that substantially limits a life activity." These reporting requirements were established to ensure privacy for employees who do not wish to be specific about their disability. Disabilities are normally identified when an employee is hired at an activity. However, disabilities that occur after that time are sometimes never identified.

Identification of a handicapping condition will assist the Center in meeting and setting goals for handicap placements and barrier removal, will ensure accurate data for federal reporting requirements, and will assist in the development of a local Handicap Development Program that more closely addresses the needs and issues relevant to handicapped employees.

If any employee wishes to update the disability information currently on file, contact Jana Dove, HDP Manager (NWC ext. 3129), your code PMA, or you may pick up the form in Room 100 of the Personnel Building, 505 Blandy.

College night planned

Cerro Coso Community College will host the California College and University Night on Tuesday, Nov. 18. Representatives of more than 26 California colleges and universities will visit the Cerro Coso campus to provide prospective students with up-to-date information about their institutions.

Taking place in the College Campus Center, from 7 to 9 p.m., this event will afford both high school students and their parents the opportunity to talk with of-

ficials of the California State University system, independent colleges and universities and receive the most accurate and comprehensive information available regarding educational opportunities, according to Don Mourtou, Student Services Dean.

All Cerro Coso students who plan to eventually transfer to a four-year institution are encouraged to attend as well as all interested community citizens.

For more information, contact the college at 375-5001.

Recent Additions

Code	Name	Title
0853	Wadley, Joyce A.	Payroll Tech.
08612	Scheiderer, Debra A.	Clerk-Typist
08623	Obergfell, Robert L.	Accounting Tech.
08C3	Patterson, Brenda S.	Clerk
25246	Holcomb, Mary A.	Procurement Clerk (Typ.)
265	McCaughan, Eva J.	Housing Mgt. Asst.
2671	Haywood, John P.	Custodial Work Inspect.
3331	Puterbaugh, Herbert J.	Electronics Engr.

Recent Separations

Code	Name	Title
08	Therning, Dennis K.	Financial Mgt. Advisor
08621	Rivera, Socorro C.	Clerk-Typist
0883	Gustavson, George B.	Computer Spec.
2413	Marr, Mark D.	Police Officer
2522	Foust, Ella M.	Procurement Clerk
25246	Brander, Helene V.	Contract Spec.
2671	Blose, Melanie B.	Custodial Work Inspect.
26931	Beideman, Kenneth W.	Architect
31451	Elloway, Donald J.	Electronics Engr.
31942	Pon, Kenneth L.	Computer Scientist
32723	Gaustad, Richard L.	Explosives Operator
3411	Estes, Renee L.	Techl. Pub. W/E (PS&E)
35062	Moore, Daryl G.	Aerospace Engr.
3517	Byrne, Leslie A.	Clerk-Typist
3656	West, Lynda C.	Clerk-Typist

CAL-STATE UNIVERSITY NORTHRIDGE ADVISOR TO BE AT NWC

Dr. Arnold Roe of Cal-State University Northridge will be at NWC on Monday, 3 November, to advise current and prospective students in the external-degree programs offered by the school. Dr. Roe is particularly available to counsel students in applied mechanics.

Cal-State Northridge has external-degree programs in electrical engineering, applied mechanics, and mechanical engineering available at NWC that lead to a master's degree; and an external-degree program in electrical engineering that leads to a bachelor's degree. To make an appointment to see Dr. Roe, call Cyndi Jones, ext. 2648 (Code 094)



Personnel Development Opportunities

MIL-STD-1553 2-DAY SEMINAR

2 and 3 December, Monday and Tuesday, 0800-1600, Training Center. By Leroy Earhart, founder and president of Test Systems, Inc.

Intended Audience: People who are required to specify, design, or test MIL-STD-1553-compatible equipment, or who perform integration of systems using the standard.

Scope: MIL-STD-1553 is a multiplex data bus standard that defines a high-speed digital transmission system for the interchange of information between equipment internal to a vehicle.

OUTLINE

- 2 December
 - I Introduction to Multiplexing & MIL-STD-1553
 - II MIL-STD-1553: Definitions & Protocol
 - III MIL-STD-1553: Terminal Operation
 - IV MIL-STD-1553: Hardware Characteristics
 - V Hardware Design
 - 3 December
 - VI System Design
 - VII Philosophy of Testing & Phases of Testing
 - VIII Test Requirements
 - IX Test Equipment: Requirements & Overview
- Deadline: 14 November.

OFFICE MANAGEMENT SKILLS

2-4 December, Tuesday-Thursday, 0800-1700, Cerro Coso City Center, Room 107. By Victoria Slywka.

Scope: Examines contractual fundamentals of office management from a problem-solving perspective. Includes the social, economic, and technical aspects of management. Topics include communication, managing paperwork, and office diplomacy.

Deadline: 14 November.

PROGRAM MANAGEMENT, PART II

1 and 2 December, Monday and Tuesday, 0800-1600, Training Center. By Charlie May, Code 01A5.

Prerequisite: This course should be taken near the end of the Technical Management Curriculum (TMC) program

Intended Audience: TMC participants.

Scope: This is a summary course intended to tie the curriculum together and to gauge each student's understanding of the material.

Deadline: 10 November.

RELIABILITY IN ENGINEERING DESIGN AND DEVELOPMENT

15-19 December, Monday-Friday, 0800-1600, Training Center. By Professor Max Woods, NPG, Monterey, CA.

Intended Audience: Practitioners in the fields of product assurance, reliability, design, or program management.

Scope: Topics include

New reliability & maintainability initiatives
Basic reliability concepts
Reliability modeling
Design tools
Optimal reliability allocation
Optimal redundancy
Fault-tree analysis
Derating and electrical part stress analysis
Reliability prediction
Mechanical stress analysis
Environmental stress screening
Integrated test programs
Reliability estimation
Burn-in testing
Accelerated life test
Deadline: 28 November.

BASIC NAVAL CORRESPONDENCE

10 December, Wednesday, 0800-1600, Training Center. By Odessa Newman.

Scope: Focuses on the policies and procedures for typing naval letters and memorandums and highlights Chapter 1 (Naval Writing Standards) of the Department of the Navy's *Correspondence Manual*. Please bring a *Correspondence Manual* if you have one.

Deadline: 26 November.

TELEPHONE TECHNIQUES

9 December, Tuesday, 0800-1130, Training Center. By Wanda Holladay.

Scope: This class will show you how to create an image of business-like efficiency, how to save time, and how to reduce telephone stress.

Deadline: 24 November.

SYMPHONY (2 CLASSES)

5 and 6 November and 3 and 4 December, Wednesday and Thursday, 0800-1600, Training Center. By Richard Fryer.

Intended Audience: Professionals with some spreadsheet or programming experience.

Scope: Review of Symphony 1.1 spreadsheet construction, commands, functions, formats, modifications, and reports. Topics include Symphony graphics, word processing, combining sheet data with reports, in-memory data bases and the "form" window, macros and macro libraries, and hardware aspects.

Note: We recommend that for this course you have experience with LOTUS 1-2-3 or have completed the LOTUS 1-2-3 tutorial. Priority will be given applicants who have access to installed Symphony systems.

Deadline: 22 October for November class
19 November for December class

'Assertion Training' class offered by Cerro Coso

Joanna Dunn will instruct a 1.5-unit course in "Assertion Training," a Cerro Coso Community College's short-term course, on Nov. 5, 6, and 7 (Wednesday, Thursday, and Friday) from 8 a.m. to 5 p.m. at the City Center in Room 101.

This course provides training in positive communication skills with an emphasis on assertive behavior that allows participants to respect their own rights, and at the same

time, respect the rights of others.

Vivian Lundstrom will instruct a 1-unit course, "Proofreading," another short-term course, on Nov. 18 and 20 (Tuesday and Thursday), from 8 a.m. to 5 p.m. at the City Center in Room 102.

This course is designed to cover what proofreading is and various techniques involved to proofread effectively. Topics will include exercises for correct punctuation,

capitalization, abbreviations and numbers.

Lundstrom will also instruct a 1-unit course in "Editing and Rewriting," being held at the City Center in Room 102, Nov. 5 and 12, from 8 a.m. to 5 p.m.

Focus of this workshop is the "chop and polish" in government writing. It provides valuable information and practice in the skills of critiquing, revising, and clarifying written communication; and is practical

for anyone who must edit technical or administrative copy.

Registration for these classes will be conducted on a first-come, first-served basis in the Office of Admissions and Records.

For additional information on short-term classes, class schedules, enrollment fees, registration and hours of registration call the college at 375-5001.

Handicapped employees surveyed about award program

In July of this year, a survey was conducted to determine the interest level and attitudes of NWC employees regarding the awards program for Outstanding Handicapped Federal Employee of the Year. The survey was intended to provide the Center Awards Management Panel with relevant data to support a decision whether to continue this particular award. The survey was circulated to every Center employee who self-identified a disability at the time of their employment. Of the 550 employees surveyed in July, eighteen percent responded, many with additional comments that greatly enhanced the value of the data. The questions and responses were as follows:

(1) Is the award necessary?

39 Yes—35 No

26 Undecided—10 No Response

Comments supporting the awards relayed opinions such as all awards are nice to have, but not necessary; regardless of handicapped status, everyone needs "a pat on the back," recognition for a job "well done."

Comments from employees opposed to or undecided about the award indicated opinions that awards specific to handicapped employees may tend to delay or set back employment mainstreaming due to emphasis on non-work-related criteria. The awards criteria should not be restricted to the disabled, but should be expanded to include employees who actively support the principles of handicapped employment. The point was made several times that not every disabled person wants recognition for what someone else perceives as a "handicap."

(2) Is the award a positive recognition?

42 Yes—23 No

20 Undecided—14 No Response

The undecided vote voiced reservations regarding how the criteria and presentation would be handled. Their concerns were that privacy and personal dignity might be infringed.

(3) What word would describe your response to being nominated for the award?

23 Pleased—32 Honored

5 Annoyed—16 Noncommittal

19 Embarrassed—10 No Response

8 Other

(4) What word would describe your response to receiving the award?

22 Pleased—33 Honored

5 Annoyed—12 Noncommittal

21 Embarrassed—13 No Response

8 Other

The people who indicated annoyance or "other" did so primarily due to the

emphasis placed on handicap and not performance, and the fact that they did not consider themselves "handicapped" and thus did not meet the award criteria.

(5) Would you prefer to be recognized for performance with no mention of disability?

61 Yes—16 No

10 Undecided—12 No Response

The prevailing reason given by those who favored linking performance and a disability was that such an award heightens public awareness of the abilities of disabled employees. However, the majority of those surveyed preferred no recognition of a disability.

The survey packet included a copy of the criteria for the Outstanding Handicapped Federal Employee of the Year as established by Department of Navy. To elicit reactions to the federal award criteria, this question was asked:

(6) Is too much emphasis placed on the disability and not enough on performance?

41 Yes—28 No

14 Undecided—16 No Response

(7) What would you suggest as improvements to the criteria?

Constructive suggestions for improving the criteria were directed at deleting words that were considered subjective ("courage in overcoming," "served as an inspiration") or non-job related information (data on family, hobbies, disability). In keeping with the China Lake "maverick" tradition, many felt that a new award should be created that recognizes active support of the principles of equal employment opportunity for the disabled. The current federal award criteria specifically targets disabled employees.

General comments received in response to this question included objections raised as to the appropriateness of the requirement for photographs, information about family and descriptions of disabilities. Concern for privacy and dignity was expressed. Other comments indicated that this awards program is not visible enough; and that the award may lend itself to patronization or separatism of disabled employees.

An interesting secondary issue of semantics arose when this survey was circulated. Many employees object to being labeled "disabled" or "handicapped." Their objections centered on the premise that both words have negative connotations and they do not want their personal or professional lives to be associated with those negative connotations.

The level of participation by Center employees in this survey is greatly appreciated. The data received from this survey will be forwarded to the Center Awards Management Panel which has the responsibility of managing this award and will be used to validate the Panel's decisions regarding this awards program.