

**Seminary student wins \$3,000 award to continue studies**

Douglas Fulmer was presented the Edith M. McBride Memorial Scholarship during the morning worship service at the All Faith Chapel last Sunday. Making the presentation was William McBride, who established the scholarship in memory of his mother, an active member of the Protestant Congregation at the chapel from 1947 through 1959.

Fulmer, who was associated with the All Faith Chapel during his childhood and youth in the local area, also received the Protestant Congregation's Metcalf Scholarship when he was graduated from Burroughs High School in 1979.

A 1983 graduate of California State University at Fresno, Fulmer has served as Youth and Pastoral Intern at Calvary Presbyterian Church in Fresno for three years.

When Fulmer was accepted by Princeton Theological Seminary in New Jersey, the local Protestant Congregation sent \$2,000 to the seminary to help defray his educational expenses; this was done to indicate their confidence in his success.

The Edith M. McBride Memorial Scholarship is for \$1,000 for each of the three years that Fulmer attends the seminary.



**JOYOUS OCCASION** — Capt. John Collins, NWC's Senior Chaplain, watches as Douglas Fulmer accepts a notice that he has been selected to receive the Edith M. McBride Memorial Scholarship. Making the presentation is William McBride, who established the scholarship in honor of his mother, an active member of the All Faith Chapel's Protestant Congregation from 1947 through 1959. — Photo by PHAN Greg Hogan

**Desert Empire Fair parade entry forms due Sept. 15**

Just one more week remains for those interested in doing so to submit completed entry forms in order to participate in the 1984 Desert Empire Fair parade.

The procession, which is an annual highlight of the local celebration, is scheduled on Saturday, Oct. 6. It will follow a route south on China Lake Boulevard from Drummond Drive to Ridgecrest Boulevard. Plans call for disbanding the parade in the parking lot of the old Safeway Market.

According to Mike Thomas, parade chairman, the grand marshal this year will be Monte Montana, whose riding and roping skills have been witnessed annually by millions of people who watch the annual New Year's Day parade in Pasadena in person or via television.

Following the parade, the grand marshal will put on an exhibition of his rope-twirling wizardry at the Desert Empire Fairgrounds.

"Hopes and Dreams for Tomorrow" is the theme of the 34th annual parade. Prospective participants can obtain entry forms in Ridgecrest at the city hall, Chamber of Commerce office, the library, and at the fairgrounds on South Richmond road. The deadline for turning in or mailing completed parade entry forms is Saturday, Sept. 15.

Three sweepstakes trophies, each nearly 3 1/2 ft. tall, will be awarded for the best band, the best float, and for the best equestrian entry in the parade, Thomas equestrian entry in the parade.

In addition, there will be another large trophy (the Directors' Trophy) for the best overall parade entry, as well as two large trophies honoring the memory of Roy Martin and Lee Wengler, both of whom are remembered for their many years of outstanding volunteer effort on behalf of the Desert Empire Fair.

Entries judged first, second or third in the various categories of parade competition will receive trophies, and there will be ribbons for those placing fourth and fifth, as well as a participants' ribbons for all those who take part in this festive event.

**Entrants now sought for Miss IWV Pageant**

The Miss Indian Wells Valley Pageant is now accepting names from young women who would like to compete in this event, which is scheduled on Nov. 3.

The contest is open to women between 17 and 26 years of age and who have never been married or had children.

Young women interested in being a pageant contestant, or who would like to submit the name of a potential contestant may do so by calling either Sandra Raines, at 446-3171, or Rita Petersen, phone 446-2067.

Among the entries of special interest in the parade will be a replica of the battleship USS Nevada, complete with miniature guns that fire blanks. It is to be entered by the Navy Recruiting Office.

The major categories of the parade competition are bands, majorettes, drum major, color guards, drill teams, floats, and equestrian, as well as a miscellaneous division that includes decorated vehicles,

bicycles and novelty costume entries.

Thomas, chairman of the parade committee, is looking for volunteers to assist with all aspects of the handling of this event — from advance planning to being responsible for last-minute details on the day of the procession. Those willing to help out are asked to make this interest known by calling the Desert Empire Fair office, phone 375-8000.

**WACOM begins fall season with membership coffee on Tuesday**

The calendar of events for the fall season of activities of the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will begin with a membership coffee that has been scheduled on Tuesday, from 9:30 to 11:30 a.m., at the Commissioned Officers' Mess.

Newcomers to the local area are invited to attend, as are past members of WACOM, who are urged to get into the spirit of the occasion by wearing Hawaiian or Polynesian attire in keeping with the "Tropical Paradise" theme of this event.

WACOM is open to the wives of members of the Commissioned Officers' Mess, as well as to women members of the COM. Attendance at Tuesday's membership coffee does not obligate anyone to join.

WACOM holds monthly luncheon meetings and engages in a variety of social and charitable activities. Funds raised by the WACOM-operated Thrift Shop are a source of support for the Navy Relief

Society, the Combined Federal Campaign, and other civic and service projects.

Gunilla Giegerich, WACOM vice-president and program chairman, has made arrangements for some outstanding entertainment at the group's monthly luncheon meetings between now and next spring.

Actress Susan Oliver will be featured in October, and there will be a fashion show of wearing apparel from the 1840s until more recent times at the November meeting. A group of Yuletide carolers will sing at the WACOM meeting in December, while the famous Mitchell Boys' Choir will be in the spotlight at the January meeting. "Great Scott," a magician, will perform in February, and a vocalist, Don Snyder, accompanied by Paul Hurst, playing the harp, will entertain at the WACOM luncheon in March.

WACOM's annual fashion show, chaired by Tina Knemeyer and Barbara Stephenson, is scheduled in April.



Tonight Wayne Paisano and the "Roadrunners" will be playing favorite selections of country-western music at the Chief Petty Officers' Mess from 8:30 p.m. until 12:30 a.m. The dinner special, from 6 to 9 o'clock this evening, will be prime rib of beef or Icelandic cod.

The Enlisted Mess will be rocking tonight to the top-40 rock and roll sounds of "Alexander," a musical group from Los Angeles, from 9 until 1:30 a.m. The dinner special this evening at the EM will be surf and turf served from 6 to 9 p.m.

Tomorrow, those dining out at the EM can choose from the regular menu or settle for the nightly special — open-face steak sandwich. Dinner will be served Saturday night at the EM from 6 to 8:30 p.m.

Curtain time for the Neil Simon comedy, "God's Favorite," is fast approaching. This first fall production for the China Lake Players is directed by Vonnie Goss, and stars Daryl Vaughn in the title role. It will be presented at the Playhouse (corner of Blandy Avenue and Lauritsen Road) tonight and tomorrow night, as well as on Sept. 14, and 15 at 8:15 p.m. Also scheduled on Sunday is a matinee at 3 o'clock.

**Fleet Reserve Ass'n meeting planned at EM on Monday night**

The regular business meeting of the China Lake Branch 95 of the Fleet Reserve Association (FRA) will be held at 7:30 p.m. Monday at the Enlisted Mess.

On the agenda will be a discussion about the local phase of the FRA's Americanism essay contest.

Also, there will be a report on the Southwest Regional Convention held recently in Las Vegas, Nev., at which the local FRA branch placed second in its membership group for the Patriotic Holidays Award.

A report by Wally Baker, branch secretary/treasurer, who is also a candidate for National Vice President, will be given describing the 57th National Convention of the Fleet Reserve Association, which was held this week in Honolulu, Hawaii.

**Exhibit of classic wood carvings open Sunday at museum**

An exhibit of classic carvings by Chet Langan, a well-known wood carver from El Monte, Calif., will begin on Sunday in the Sylvia Winslow Exhibit Gallery at the Maturango Museum.

On the opening day of this exhibit, which will continue until Oct. 5, Langan will be here to present a demonstration of his wood-carving skill during a reception that will be open to the public from 2 to 4 p.m. at the museum.

Carvings by Langan, who is the president and a life member of the California Carvers' Guild, are displayed at the National Wood Carvers' Museum in Monument, Colo.; at the California Carver's Guild Museum in San Simeon, Calif.; and at a number of West Coast galleries.

The artist is a retired public school administrator who now devotes his full time to wood carving. His carvings have won awards at many shows throughout California.

A portion of the sales of any of Langan's wood carvings will go into the building fund of the Maturango Museum.

MOVIES

G - ALL AGES ADMITTED  
General Audiences  
PG - PARENTS STRONGLY CAUTIONED  
Parental Guidance Suggested  
R - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, SATURDAY, SUNDAY SEPTEMBER 7, 8, 9  
"YENTL"  
Starring  
Barbara Streisand and Amy Irving  
(Musical-Drama, rated PG, 134 min.)

MONDAY SEPTEMBER 10  
"THE SEDUCTION"  
Starring  
Morgan Fairchild and Michael Sarrazin  
(Suspense-Drama, rated R, 104 min.)

WEDNESDAY SEPTEMBER 12  
"PUMA MAN"  
Starring  
Walter George Alton and Donald Pleasance  
(Action-Drama, rated PG, 97 min.)

FRIDAY SEPTEMBER 14  
"FLASHDANCE"  
Starring  
Jennifer Beals and Michael Nouri  
(Musical-Drama, rated R, 95 min.)

U.S. Government Printing Office  
1984 - No. 1026

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NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

**Progress made on reopening of Michelson Lab**

Thanks to the dedicated efforts of everyone, especially employees from the Public Works Department, Michelson Laboratory is another giant step closer to being operational again.

The primary electricity into the laboratory has been restored. Wings 1 and 6 had full power by press time for this week's Rocketeer, and Wing 4 is expected to have operational power by today. Barring unforeseen circumstances, Wings 3 and 5 will have their power restored by Monday, and Wing 2 will be powered by the middle of next week. No estimate is yet available for when electricity will be restored to Wing 7.

Power is also being restored to various rooms on the second floor of the laboratory,

**Why did Michelson Laboratory flood? And what is going to be done to keep it from happening again?**

Next week's Rocketeer will cover the history of flooding in the laboratory, measures taken in the past to correct such problems (and why these were inadequate), as well as present plans to ensure that the August flood will be the last one.

with telephones expected to be operational there by Monday.

The first 500-ton chiller will be turned on by today. By running this chiller throughout the weekend, the laboratory should be cool enough by Monday or Tuesday so that personnel in some areas of Michelson Laboratory will be able to return to their offices next week. Department heads will notify employees when they may return to the laboratory.

The computer wing was the first in which both power and air conditioning were restored. The Univac has been turned on and is in the process of being checked out, with some limited production runs anticipated by Monday. The Simulation Laboratory is also expected to be in limited operation by the start of the week.

Currently, Public Works Department personnel are in the process of bringing up

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**REPEAT WIN FOR NWC** — The Niblack Award, denoting the fact that the NWC Command History for the calendar year 1983 was tops among commands having 1,000 or more personnel was presented recently to Capt. K. A. Dickerson, NWC Commander, by Dr. David Allison, Historian of the Navy Laboratories. Present for the occasion were (at left) Cliff Lawson and Leroy L. Doig III, the writer-editors; and (at right) B. W. Hays and Gerry Schiefer, NWC Technical Director and Deputy Technical Director, respectively. NWC also won this perpetual trophy for the Command History that combined calendar years 1981 and 1982. — Photo by PH3 Rick Moore

**2nd year in row**

**VAdm. Niblack Award for best Command History won by Naval Weapons Center**

For the second year in a row, the distinction of winning the Vice Admiral Robert Packer Niblack Award for having prepared the best command history submitted by a large command (1,000 or more personnel) has gone to the Naval Weapons Center.

During a brief ceremony held recently in the office of Capt. K. A. Dickerson, NWC Commander, this accomplishment was acknowledged by Dr. David Allison, Historian of the Navy Laboratories, who was here from Washington, D.C., representing Admiral Stephen A. White, Chief of Naval Material.

The research work and writing for this 72-page document was done by Leroy L. Doig III and Clifton E. Lawson, two writer-editors employed in the Writing Branch of the Technical Information

Department's Publications Division.

Doig and Lawson were present for the occasion, as were B.W. Hays and Gerry Schiefer, NWC Technical Director and Deputy Technical Director, respectively.

Judging of the command histories was done by representatives of all three branches of the military services, Dr. Allison said as he congratulated those involved at NWC in the effort that it took to win the perpetual trophy for the second year in a row.

Judging criteria mentioned by Dr. Allison that favored the selection of NWC's Command History over all others submitted by Navy laboratories included the fact that it concentrated on the subject by covering the major events of calendar year 1983, and wasn't a review of the laboratory mission.

The command histories were judged on their content, not their style, Dr. Allison added, before noting that the NWC entry was not only well written, but the information was well organized.

He (and others in Washington) appreciated especially the frankness shown in reporting on problem areas and giving an objective analysis of management concerns. "It's a good job, we appreciate it in Washington, and the accomplishment hasn't gone unnoticed," Dr. Allison said.

Composition and layout of the NWC Command History was the work of Stephanie Fojt and Margaret Frazer, also of TID, while employees in the China Lake Branch Office of the Navy Publications and Printing Service (Code 83) printed it.

As the name implies, the NWC Command History summarizes the highlights of the period covered in a wide-ranging list of key areas that not only convey the scope of technical programs but also outline principal personnel and organizational changes within the NWC organization, personnel and financial resources, facilities and equipment, and provide an input, as well, regarding corporate planning.

In addition, the history conveys information on command and management concerns, significant management achieve-

ments and awards, military administration, as well as airfield operations. The history concludes with a chronology section that focuses on major, newsworthy events gleaned from the notes of the weekly Commander's meetings, the Rocketeer, the Current Technical Events memorandum, and other sources.

Subheadings on sections included within the part dealing with programs convey vital information on missiles, ordnance, and related subsystems; tactical electronic warfare and countermeasures; tactical aircraft systems; crew and aircraft survivability and parachute systems; the NWC technology base; facilities and test and evaluation systems; and Fleet and production support provided by the Center.

That portion of the history dealing with personnel resources tells briefly about the Civil Service Reform Act Demonstration Project. The Command History also provides at a glance a comparison of NWC project funds for Fiscal Years 1981, '82 and '83, while the section on facilities and equipment outlines the reason for the effort

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**Weather forecaster sees break in hot weather pattern here**

For everyone who's tired of summer, weather forecaster John Gibson had good news this week. He says that he believes the 100 degree plus temperatures experienced early this week will be the last in that range for the rest of the year.

"We're still running about a month ahead of the weather patterns that we normally see," he says. "The troughs that don't usually appear until October are already starting to set up."

He also believes that this winter will be colder than usual, as well as wetter than last winter. ("Considering that we didn't get more than a trace of rain from Christmas until July," he notes, "that's a logical presumption.")



**GRIM TASK CONTINUES** — Two of the many Public Works Department employees who shouldered a major share of the cleanup job and renovation work in the flood-ravaged basement of Michelson Laboratory are shown forging ahead with this effort. They are Jim Hammet (at right), and Jim Gammon (behind wheelbarrow). This photo was shot in the basement of wing No. 4 of the laboratory. — Photo by PHAN Greg Hogan



**TIME-HONORED TRADITION** — PNI Harrier Parcher, USNR-R, is "piped over the side" at the conclusion of a retirement ceremony marking her separation from Naval Weapons Support Unit 0176. PNI Parcher, a Naval Reservist, logged nearly 21 years of active and reserve service in the Navy. — P to by Aqi Glenn Risley, USNR-R

## Naval Reservists retires, ends career of more than 20 years

A military career spanning nearly 21 years of active and reserve service in the Navy concluded during a retirement ceremony held recently for PNI Harriet Parcher, USNR-R, who has been serving as the career counselor and recruiter for Naval Weapons Support Unit 0176.

During the ceremony, which was held at Armitage Airfield, PNI Parcher received a Chief of Naval Reserves plaque and an American flag that has been flown over the nation's capitol.

The presentations were made by Capt. James Comardo, Commanding Officer of Naval Weapons Support Unit 0176, who officiated at the retirement ceremony for PNI Parcher.

A resident of Bishop, Calif., PNI Parcher is employed by the Round Valley School District where she teaches third and fourth grade classes. She began her military career in 1944, when she first enlisted in the Navy as a yeoman. She served a total of three years of active duty.

From 1947 to 1950 Yeoman Parcher remained in the active reserves until recalled to active duty during the Korean conflict. Released from active duty, Petty Officer Parcher again returned to the reserves prior to a break in her military service from 1953 to 1971.

In 1971, duty called, and Ms. Parcher reaffiliated with the Naval Reserves as a Personnelman. Her initial assignment was with the recruiting office at Naval Air Reserve Center, Alameda, Calif.

From 1974 until her retirement, PNI Parcher was assigned to Naval Air

**Film series to start at All Faith Chapel Sunday**

Through arrangements made by the Protestant Congregation of the All Faith Chapel, the first in a four-part film series about "Growing Up in a Breaking Down World" will be presented at 7 p.m. Sunday in the East Wing of the All Faith Chapel.

Sunday night's film, which is open to the public, is entitled "Is There an Adolescent in the House?"

Reserve, Ft. Mugu, Calif., with her duty station at the Naval Weapons Center, China Lake.

## Protestants to resume Bible study classes in Chapel Annexes

Sunday School classes are being resumed for the fall this Sunday by the Protestant Congregation of the All Faith Chapel.

There are classes for adults of all ages and children as young as two years of age that have been scheduled in the Chapel Annexes, located west of the Branch Medical Clinic.

Registration for Sunday School classes is being handled in person on weekdays at the All Faith Chapel office, or by phoning NWC ext. 2873, and after the morning worship services Sunday.

## CCD classes begin on Sunday morning; registration open

Confraternity of Christian Doctrine classes for the Catholic Congregation will begin on Sunday, Sept. 9, during the 8:30 a.m. Mass in the All Faith Chapel.

A reception will take place following the classes in the east wing of the chapel.

Parents and students will have an opportunity to meet the teachers in their classrooms at 10 a.m. in the All Faith Chapel Annexes located in Bldgs. 463, 462, and 457 of the old dorm complex near the Military Administration Building.

Registration for the CCD classes will be accepted after Mass and also is being handled Monday through Friday from 7:30 a.m. to 4:30 p.m. in offices at the chapel.

A registration fee of \$10 per student, or not more than \$30 per family, will be collected at the time of registration.

For more information, interested persons may call Agnes Winter at NWC ext. 2773 Monday through Friday between the hours of 7:30 a.m. and 4:30 p.m.

## Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept. 505 Blandly. Unless otherwise specified at an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 992 East 25th Ave. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. 32-123, Physical Science Technician, DT-1311-1/2/3, Code 3268 — Assists in the processing of explosives and the loading of warheads and test items. Elements: Knowledge: Explosives (including processing techniques and safety practices); basic instrumental and measuring techniques. Abilities: Work as part of a team and interact with scientists and engineers; perform in a plant and operate/maintain plant equipment; prepare explosives for loading and evaluate the basic, physical and chemical properties of finished charges. Status eligible.

No. 32-124, Interdisciplinary General/Mechanical/Aerospace/Chemical Engineer/Physicist, DP-801/330/861/899/1310/1328-2/3, Code 3263 — Responsible for conducting analyses, designing and testing new concepts to demonstrate feasibility and determine controlling parameters, in the area of conventional ordnance. Works with one or more of the following technologies: fuel-air explosives, cluster weapons, obscuring and signaling devices, chemical weapons. Elements: Knowledge of ordnance systems engineering; skill in technical development and/or analysis; ability to plan, schedule, and coordinate technical work; communicate well, both orally and in writing.

No. 32-125, Mechanical/Physical Science Technician, DT-802/1311-1/2/3, Code 32632 — Provides support to new and on-going conventional weapon development projects. Monitors and assists the flow of project hardware and test data, coordinates test efforts and performs analysis of the data. Elements: Abilities: Work and interface with other technicians, senior engineering personnel and managers at various levels; operate light duty government vehicles; gather and analyze data. Knowledge: Fabrication and assembly methods; ordnance handling and safety procedures. Status eligible.

No. 32-126, Engineering Technician, DT-802-3, Code 3267 — Provides support to new and on-going development and production programs. Job Relevant Criteria: Knowledge of design documentation preparation and maintenance techniques; ability to coordinate efforts of associates and contractors; ability to provide plans, schedules and test data; ability to interface effectively with on and off Center professionals; experience in analog and digital circuit design and packaging; ability to communicate well both orally and in writing; and to perform assigned duties independently. Status eligible. Previous applicants need not reapply.

No. 32-429, Electronics Engineer, DP-655-2/3, (5 vacancies), Code 3264 — Primary duties are to provide support in signal processing and electronic systems engineering in support of the Sidewinder AIM-9M PIP program. Works directly on analog and/or digital circuit design. Job Relevant Criteria: Knowledge of electronic design principles and practices; ability to interface effectively with on and off Center professionals; experience in analog and digital circuit design and packaging; ability to communicate well both orally and in writing; and to perform assigned duties independently. Status eligible. Previous applicants need not reapply.

No. 32-430, Interdisciplinary (General Engineer/Electronics Technician/Scientist/Mathematician), DP-801, 855, 1550, 1520-2/3, (2 vacancies), Code 3264 — The branch is responsible for supporting the Weapons Department and systems program managers in design for the Sidewinder AIM-9M PIP computers. Responsible for assisting in development of the missile's flight software. Will subsequently participate in design, development and test of new flight software for the AIM-9M PIP. Responsible for interfacing with hardware designers and working as a team on software design, modeling, testing, coding and system analysis. Job Relevant Criteria: Knowledge of embedded computers for tactical systems; ability to plan, schedule and coordinate technical work as part of a major project; experience in HDL programming with some experience in coding 68000 preferred; ability to communicate well orally and in writing; experience in formalized real time software engineering design and development; and with software design and coding. Previous applicants need not reapply.

No. 32-457, Interdisciplinary (Electrical/Aerospace Engineer/Mechanical/Physicist), DP-2/3, Code 3215 — Responsible for assisting in the conceptual design and analysis of missile sensor systems. Determines the performance capabilities and characteristics of existing and future missile systems. Duties include analysis and modeling of aerodynamics, guidance and control systems. Job Relevant Criteria: Basic understanding of both active and passive RF systems; ability to write computer simulations of physical phenomena and then to analyze and interpret the results; ability to communicate both orally and in writing.

No. 32-463, Engineering/Electronics Technician, DT-1/2, Code 3264 — Assists and/or provides direct technical support in the fabrication, rework, and modification of electronic and mechanical components. Additional assignments will be to construct and package a wide range of allied electronic devices as well as preparing engineering drawings for documentation packages. Job Elements: Basic understanding of electronic components; ability to read schematics and engineering drawings; certification

or ability to be certified as an operator under WS-633 soldering specification; ability to work with small hand tools; ability to communicate effectively with people.

No. 06-853, Computer Systems Analyst, DS-1, Code 084 — Provides computer systems analyses and performs feasibility studies on the financial and payroll systems which are the responsibility of the Management Data Processing Division. Assists senior specialist in the performance of detailed and routine work. Job Elements: Ability to communicate well orally and in writing; deal effectively with people; some computer experience and COBOL knowledge desired.

No. 29-462, Interdisciplinary (Electrical Engineer/Computer Scientist/Mathematician), DP-2/3, Code 3223 — Responsible for analysis and testing of the Tomahawk land attack operational flight software. Reviews and defines contractor testing requirements, approaches and success criteria; approves SCP and coordinate directly with contractor and government organizations. Job Element: Knowledge of fundamental software engineering principles and practices; ability to interface with hardware designers; ability to plan, schedule and coordinate software projects.

No. 29-461, Interdisciplinary (Electronics Engineer/Computer Scientist/Mathematical/Physicist), DP-2/3, Code 3223 (three vacancies) — Requires transition and upgrading of digital simulations to the NWC VAX system to enable real-time simulation with hardware-on-the-loop. The hardware includes the embedded computer, DIGISMAC and TERCOM. Interfaces between each subsystem and technical background in missile systems simulation, processors and digital interfaces. Ability to communicate well and to work on a team effort.

No. 29-460, Software Quality Specialist, DS/DP-2/3, Code 3223 — This environment may be hosted on a VAX or IBM PC system and will include the methods of implementing software release management, configuration management. Job Elements: Practical experience and knowledge of software quality, configuration and release management; ability to communicate well; some on the job training will be provided.

No. 29-458, Interdisciplinary (Computer Scientist/Mathematician), DS/DP-2/3, Code 3222 — Dynamic requirements tracing of the Tomahawk OFS using PSL/PSA. Requires purchase and modification of PSL/PSA to meet the Tomahawk requirements. Requirements will be traced using the THREADS technique. Job Elements: Practical experience and knowledge of software standards, tools and practice; ability to evaluate software and to communicate well; PSL/PSA and computer knowledge will be provided by the job training.

No. C-34-418, Technical Communication Specialist, DP-3, (Temporary promotion NTE 1 yr.), Code 34 — Implements and directs on-site technical information services. Plans, coordinates, and directs the development of visual media projects. Services include: scientific, technical and administrative publications, representations, overhead transparencies; technical art; photography and audio-visual support. KSAs: K-Knowledge of major technical programs; A-determine technical documentation and presentation requirements of customers; deal effectively with people; familiar with TID service.

No. C-35-440, Interdisciplinary, Physicist, Electronics Engineer, Computer Scientist, DP-3, Code 3224 — Assists System Engineer for the Advanced Seeker Program for the Highspeed Anti-Radiation Missile (HARM). Assists in systems definition and in coordinating various design efforts for the Advanced Seeker Program. KSAs: Knowledge of anti-radiation missile seekers; interaction and interfacing of microwave, analog, and digital circuits in tactical weapons; A-develop computer and software requirements for interface and control of anti-radiation guided missiles; work well with a design team of engineers with various disciplines; communicate orally and in writing.

No. 295-1, Store Sales Checker, GS-2991-3, Code 292 — Verifies patron's sales permits; tallies, records, and departmentalizes sales, and collects and accounts for all cash receipts. KSAs: Skill in operating cash register; ability to make change; ability to meet and deal with others. Status eligibilities may apply.

No. 222-465, Occupational Health Nurse, GS-610-9 — Administers emergency care, assists with examinations, administers medications and treatments, and counsels employees on medical matters. KSAs: Knowledge of professional nursing; ability to counsel employees; ability to use specialized medical equipment such as sphygmometers, pulmonary function machines, and oxygen equipment. Status eligibilities may apply.

## Referees' clinic for Youth Soccer League set Saturday

A referees' clinic for anyone interested in officiating at Youth Soccer League games during the coming season will be held tomorrow.

The clinic will begin with a physical fitness test at 8 a.m. at Kelly Field on the Murray Junior High School campus. As a check of endurance, participants will run up to 1 1/2 miles (depending on their age), and will also be tested for speed and maneuverability on their feet.

At 9 a.m., the clinic will move to Classroom 36 at Murray Junior High, where Steve Oliver, a State Youth Referee Administrator, will teach a comprehensive course on all aspects of soccer rules, regulations, and techniques of play.

There will be a lunch break from noon to 1:30 p.m., when the clinic will be resumed with field instruction at Kelly Field from 1:30 to 2:30. More classroom instruction will follow, and a written examination is scheduled from 5 to 6 p.m. Following the examination, another physical fitness test will be given from 6 to 7 p.m.

Prospective Youth Soccer League officials, team coaches, and interested parents are invited to attend the referees' clinic.

Arrangements to take part in the clinic can be made by calling Werner Hueber at NWC ext. 5207 or, after working hours, at 375-2165. There is a \$25 fee for registration with the United States Soccer Federation as a referee, while the fee for an associate referee is \$15.

## Plenty of catchable trout remain at Black Rock fish hatchery

Only one more week remains for anglers who'd like to be sure that they will get their limit of trout to take advantage of the fish-out at the Black Rock fish hatchery, located in the Owens Valley about 8 miles north of Independence and 2 miles east of Highway 395.

Nearly 300,000 trout remain in the rearing ponds. These were fish scheduled to be planted in lakes and streams in the Owens Valley and the Sierra, but that could not be planted because they had been exposed to "whirling disease," which affects trout but does not affect humans.

Licensed anglers are encouraged to drop their lines in the ponds. Most catch their limits in less than half an hour, making this an ideal way to introduce youngsters to the delights of catching trout. (Any children under the age of 16 do not need fishing licenses, but they must be accompanied by an adult with a fishing license. No more than three children can accompany any adult.)

The ponds are open from 8 a.m. to 7 p.m. seven days a week. Any fish that have not been caught by Sept. 16 will be turned over to the Department of Corrections.

## Plans outlined for Intramural Volleyball League fall season

Preparations are now being made for the fall season of Intramural Volleyball League competition.

Team rosters are due at the Center gym office no later than next Wednesday, Sept. 12.

Plans call for the formation of six-member teams, plus reserves, who will compete in Co-ed A and Co-ed B Divisions based upon their playing ability.

Participation in intramural volleyball is open without charge to all active duty military personnel, but Athletic Association memberships are required of both DoD and non-DoD civilians and their dependents who are interested in playing volleyball.

Non-DoD personnel can obtain a sports activity card that is good for volleyball only — this fall and next spring as well — at a cost of \$12.

## Gym meets needs of physical fitness enthusiasts

The NWC gymnasium complex houses a full gamut of facilities for fitness enthusiasts.

Inside the gymnasium, one will find a regulation basketball court, a men's locker room with a steam bath, a women's locker room with a sauna, a fully equipped weight room, three racquetball courts, and the only indoor pool available for miles.

The gymnasium and pool are open year round, seven days per week with exception of major holidays (Thanksgiving, Christmas, and New Years day) when the facility is closed. Old timers who have used the gym will point out the major remodeling that has been done; and the repairs that have been made.

The latter include a complete rehabilitation of the men's and women's locker rooms, expansion of the weight room, installation of new doors and walls in the racquetball courts, improvements to the decking at the indoor pool, wall pads on the basketball floor, a new entry and office, and the installation of the fitness course and parcourse immediately adjacent to the gym.

Individuals using the gym will find that most equipment needed to use the facility is available for checkout, but they must provide their own personal gear and clothing, such as swim wear and gym suits. Equipment available for checkout includes towels, basketballs, volleyballs, racquetball and tennis rackets and balls.

The gym receives its highest usage during the lunch hour on weekdays when several hundred people pass through the doors. The second highest usage period occurs also on weekdays immediately after work. Attendance during the later part of the evening weekdays and on weekends ranges from light to moderate.

In order for individuals to make maximum usage of the facilities around their



**POPULAR PLACE** — There's nothing like a pickup game of basketball, during the noon hour or after hours, to help get into and stay in condition. The Center gym, with its swimming pool, racquetball courts and weight room, is a popular place at any time of the year. — Photo by PH3 Rick Moore

work schedules, the following hours of operation are provided:

Year-round hours of operation at the Center gym are: Monday through Friday, 8 a.m. to 9:30 p.m.; Saturday, 9 a.m. to 6:30 p.m.; and Sunday, 12 noon to 5 p.m.

Summer hours of operation at the indoor swimming pool are: Monday through Friday, 6 to 7:30 a.m. and (lap swimming) 10:45 a.m. to 1 p.m.; Monday, Wednesday and Friday, (open swimming) 1 to 7 p.m.; Tuesday and Thursday (open swimming) 1 to 5 p.m.; Saturday (lap swimming) 11 a.m. to 12 noon, (open swimming) 12 noon to 6 p.m.; Sunday (lap swimming), 12 noon to 1 p.m., (open swimming) 1 to 5 p.m.

Fall, winter and spring hours of operation at the indoor swimming pool are: Monday

through Friday, 6 to 7:30 a.m., (lap swimming) 10 a.m. to 1 p.m.; Monday, Wednesday and Friday (open swimming) 4:30 to 7 p.m.; Saturday (lap swimming) 12 noon to 1 p.m., (open swimming) 1 to 6 p.m.; Sunday (lap swimming) 12 noon to 1 p.m., (open swimming) 1 to 5 p.m.

Several individuals arrange their schedules to use the gym during these non-peak periods in order to have a better opportunity to utilize the facility and equipment. Military personnel, who work the swing shift, also find that they practically have private usage of the weight room and racquetball courts at midmorning on weekdays. Early birds who like to swim laps can also find the pool accessible from 6 to 7:30 a.m. on workdays.

## Specially-tagged fish are worth \$1,000 each at June Lake loop

Three lucky anglers are going to be \$1,000 richer because they dropped their lines into the waters of June Lake, Gull Lake or Silver Lake on the June Lake loop.

Three tagged fish (one in each lake) will be worth that amount to the fortunate fisherman catching any of these fish between now and Oct. 15, provided that the tagged fish are brought to Ernie's Tackle Shop at June Lake.

The cooler weather in the Owens Valley and the Sierra have resulted in an increased number of German brown trout and brook trout being caught in the lakes and streams in that area.

The cooler weather has also resulted in fall colors beginning to show in the trees — almost a month ahead of the time that leaves ordinarily turn to gold and red. Old timers feel that this early change plus the brown trout being caught indicate an early winter.

At Lake Sabrina last week fishing was excellent for those using bait. Fishing at Rock Creek Lake was also good, especially for fly fishermen using mosquito flies.

Convict Lake trout like marshmallows and floating cheese bait when on lines dropped from a boat still fishing or from shore; trolling is better with either Flatfish or Needlefish.

Lots of limits are being caught at Twin Lakes at Mammoth. Trout there like either green garlic or Zeke's floating cheese bait, while at Lake Mary the fish are more apt to bite on a Dave Davis with a worm.

Lots of brown trout are being caught in the Upper Owens River, many weighing 3 1/2 pounds or more. A Rapala has been the most effective lure.

All the lakes on the June Lake loop have been full of trout eager to be caught (in addition to the tagged fish). From boats, a Dave Davis lure with a nightcrawler catches the most trout.

Upper Twin Lake at Bridgeport apparently has the best fishing now that has been there in a long time; for most lakes, that statement would not have a great deal of value, but Bridgeport Upper Twin normally is one of the better fishing spots in the Sierra. Fishing from the bank is best with marshmallows or salmon eggs; trolling is best with frog pattern lures and with worms.

Lower Twin Lake at Bridgeport also is providing excellent catches for those using Needlefish, Phoebe's or Kastmaster lures. Shore fishermen should use bait. Brown trout being caught average from 2 to 2 1/2 pounds. At the reservoir, most anglers are getting limits of trout averaging 1 1/2 pounds or better.

**Energy conservation tip**

Buy products on the basis of initial plus operating costs rather than on the basis of purchase price alone. Often products that are energy efficient cost more to buy, but you'll save money and energy over the life-time of such equipment.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake

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News Stories deadline Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSOP 35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.  
3354, 3355  
Phones

## Babysitting Co-op to meet

Anyone interested in joining the China Lake Babysitting Cooperative is invited to attend the next monthly meeting to be held at 7:30 p.m. on Thursday, Sept. 27. Location for the meeting can be obtained by telephoning Lynne Spoons at 446-6753.

## Navy Hotline

for Fraud, Waste and Abuse  
Call: (800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 433-6743 (commercial)

## DIVINE SERVICES

PROTESTANT

Sunday Worship Service 1000  
Sunday School (Annexes 1, 2 & 4) 0830  
Bible Study (East Wing, Wednesdays) 1130-1230

ROMAN CATHOLIC

Sunday Mass 0830  
Daily Mass (except Sunday) 1135  
Confessions 1630-1700 Friday  
0745-0815 Sunday

Religious Education Classes 1000 Sunday  
(Annexes 1, 2 & 4)

JEWISH

Friday (East Wing) 1930

UNITARIAN

Sunday (Annex 95, as announced) 1930



**QUICK FEET** — Tim Lewis, who is slated to see action at the tailback position when the Burroughs High varsity team has the ball in tonight's Barstow game, breaks loose for a good gain during last Saturday's intra-squad scrimmage.

## Burros varsity gridders open '84 season tonight; play Barstow

The curtain will go up tonight on the Burroughs High School varsity football team's 1984 season.

Kick-off time is 7:30 for the clash between the Burros and the Barstow Aztecs, which will be preceded by a game between the Burroughs sophomores and their counterparts from Barstow that will get underway at 5 p.m.

The Burros' pre-season practice in preparation for tonight's varsity game with Barstow was highlighted by an intra-squad scrimmage last Saturday morning.

Different combinations of players were used on offense and defense during the scrimmage that saw some good running by Tim Lewis, from his tailback position. The Burros ran off three series of 15 plays each on Saturday morning with a short time out after each series for a rest and some water to cool off a bit from the warm, September sun.

Mental errors that took place during the scrimmage gave Gene Vejtasas, head coach of the Burros' varsity football squad, and his assistants David Bens and Dirk McJunkin, several things to concentrate on

during practice sessions held this week.

Some unexpected fumbling occurred during the scrimmage and, at times, there were difficulties in the exchange between the center and quarterback, Coach Vejtasas observed.

Based on prior playing experience, what the individuals have shown so far in practice, as well as in the scrimmage this past Saturday, Coach Vejtasas could say earlier this week that he was pretty well set on his starting backfield on offense.

In addition to Lewis at tailback, the players are Steve Barkley, quarterback; Tony Shields, fullback; and Jerry Gerrick flanker.

The offensive line still had some gaps in it prior to last Tuesday afternoon's practice, but shaped up like this: Jeff Lillywhite, left end; Dale Unger, left tackle; Jim Standifer, left guard; Larry Jeffries, center; Chad Stoner possibly at right guard; right tackle uncertain; and Ray Haleman, right end.

The 1984 edition of the Burroughs High School varsity football team is small physically and lacks players capable of filling in when a starter runs out of gas or is sidelined by an injury — making this a real challenge for Vejtasas in his first season as head coach of the Burros varsity gridders.

Coach Vejtasas has little to go on regarding the opposing team from Barstow that will be here to test the Burroughs High varsity tonight. He's heard, however, that Logan Ostrander, last year's quarterback, is one of the returnees from an Aztecs' squad that staged off a closing drive by the Burros to post a 26-20 win over the Ridgecrest team in the opening game for both teams in 1983.

### Two China Lakers vie in horseshoe tossin' tourney

Two Navy men from China Lake represented the Naval Weapons Center in a Southern Pacific Sports Conference horseshoe-pitching tournament held last week at the North Island Naval Air Station in San Diego.

Stu Caldwell and Lawrence Nolan tied for fifth place in the singles competition, and placed third in the doubles event.

The China Lakers were among the 12 contenders in the singles, and 8 teams of doubles entered in this tournament.



**GOOD PASS DEFENSE** — Three secondary defenders (in dark shirts) closed in quickly on a pass receiver during this bit of action in the Burros' varsity intra-squad scrimmage. Quarterback Steve Barkley had the ball on target, but the defenders' quick reaction prevented a possible pass completion. — Photo by PHAN Greg Hogan

## Bears have slim lead in Military Softball League

With the season winding down to an end next week in the Military (slow pitch) Softball League, the Bad News Bears and VX-5 appear to be headed for a one-two finish in league competition.

Both of these teams — the Bears, who are in first place, and the VX-5 squad, which is a game off the pace — won their games last week. The Bears clawed the Hornets 11-6, while VX-5 blasted the Intruders 23-10.

Tim Bryant, who had a pair of doubles and a single in three trips to the plate, led the Bears' 15-hit attack in their win over the Hornets. Two other players for the Bears — Randy Barton and Ken Boswell — were each two-for-three at bat (all singles).

For the Hornets, shortstop Mark Goodrich turned out to be the game's long-ball hitter with a home run. In addition, Bill Slusser had a double and a single in three trips to the plate for the Hornets.

The league leaders, who had a 10-2 lead after four innings of play, got their final run in the fifth and then cut short to three runs a sixth-inning rally by the Hornets to win the game 11-6.

The VX-5 slow pitch softball team tallied in every inning of an abbreviated 5-inning contest in chalking up a 23-10 victory over the Intruders.

The slugfest started off with VX-5 racking up 16 runs in the first three innings of play, while the Intruders were held to 7. After that, VX-5 outscored the Intruders 7 to 3 to win, going away, by a 13-run margin.

John Ball, winning pitcher for VX-5, was his team's leading hitter with a home run, Les

a double and a single in three times at bat. Ball accounted for three runs batted in, as did a teammate, Tom Viviano, who had a double and two singles to show for his efforts at the plate for VX-5.

In addition, Darrel Blevins, Berry and Cech also had two-base hits for VX-5, while

After today, only three more games will be played to determine the final standings in the Military (slow pitch) Softball League.

Instead of playing all of the regularly-scheduled contests that were rained out, only those games that could have a bearing on how the top teams will fare will be played, Paul Baczkiewicz, head of the Sports Division in the Recreation Services Department, said.

These games, and the dates and times at Schoeffel Field that they will be played, are as follows: Monday, Sept. 10, Bad News Bears vs. Intruders, 7 p.m.; Tuesday, Sept. 11, VX-5 vs. NWC O's, 5:30 p.m.; Wednesday, Sept. 12, Bad News Bears vs. VX-5, 5:30 p.m.

Individual trophies will be awarded to each of the players on the Military Softball League's championship team.

Bobby Dotson led the Intruders at the plate with a home run and a double.

In two other games played last week, The Beef broke a long losing streak by knocking off The Who 16-9, and the NWC O's outscored The Who 9-3.

A 6-run surge in the third inning that gave them a 10-3 lead set the stage for a 16-9 win by the Beef over The Who. Les

Trotter, the winning pitcher for The Beef, aided his team at the plate with a double and two singles in four times at bat, while timely hitting by Collins for the Beef earned him 4 RBIs on a double and a single.

Heavy hitter for The Who in the tilt with The Beef was Phil Oliver, left fielder, who banged out a triple and two singles in four trips to the plate.

The Who took it on the chin for the second time in one week by also losing 9-3 to the NWC O's in a game played on Aug. 29.

Punchless at the plate, the players for The Who were held to just four hits by Bryce Hammerstein, winning pitcher for the NWC O's, as they scored just one run each in first, second and fourth innings.

The NWC O's broke on top 3-1 in the first inning of play, added another run in the third, and finished with a flourish by scoring a total of five runs in the fifth and sixth innings.

Whittle led the NWC O's attack with three singles in three times at bat. Andy Smith, third baseman for The Who, was credited with two RBIs as he doubled and hit two singles in four trips to the plate for The Who.

Standings in the Military (slow pitch) Softball Leagues of Aug. 31 were as follows:

Team	Won	Lost
Bad News Bears	13	2
VX-5	12	3
Hornets	9	7
NWC O's	6	8
The Who	5	10
Intruders	5	10
The Beef	3	11

## The Skipper sez



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

### QUESTION

**Contractor Employee** — I cannot refrain from comment regarding the cartoon for Mike's Lab that appeared in the Rocketeer of Aug. 17. I am sure that the writer felt this cartoon funny and probably many others did, too; however, it could only trigger my memory of an occurrence that happened to me a few years ago while traveling towards NWC on the Randsburg Wash Road from the EWTES Facility.

I happened to look into my rear-view mirror to discover a fast approaching "low-flying" aircraft behind my vehicle situated approximately 3 feet above the road surface. The pilot rose about 1 foot when he came closer to my vehicle; he veered to the left, dipping his wing just over the bed of my truck, and then proceeded to parallel me on the road. After nearly having a heart attack over the situation I stopped my vehicle immediately and proceeded to watch the pilot fly in front of me and then "under" the power lines at which time he finally climbed his aircraft and headed towards NAF.

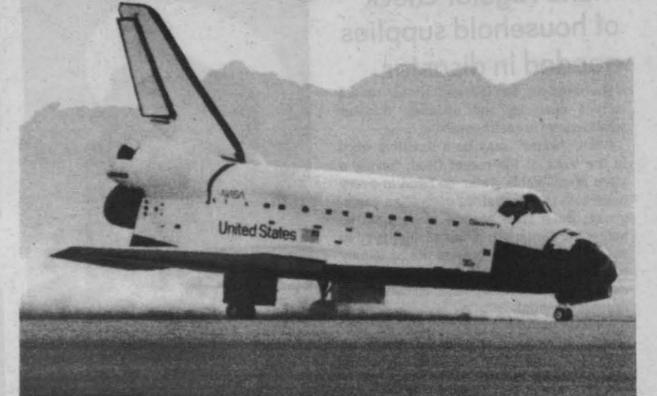
If I had been able to think rationally at the time I could have easily written down the numbers of his plane, and probably given a physical description of the pilot, but instead I was catching my breath. I sure would like to see situations like this avoided as it does tend to age a person. I can't help but think what would have happened if I or someone else had really had a heart attack due to this occurrence. What gives the pilots the right to behave in this manner? I realize that it is long past time for action to be taken on this, but I could not help but relate this experience. Situations like that depicted in the cartoon are not funny to me. Thanks for listening.

### ANSWER

I concur that having an aircraft "buzz" your vehicle is not funny. I also think that maybe you missed the point of the cartoon. The attitude of the Command is clearly and fairly depicted where the Captain is "chewing out" the offending pilot.

Our policy has been, and remains, one of no tolerance for unauthorized low level flight. That policy can be confirmed by any of our local pilots. Additionally, you need to understand that using cartoons to convey the most serious subjects is an American institution as evidenced by the editorial pages of most daily newspapers. I think that the Mike's Lab strip in particular has done an outstanding job of expressing points of view that are held by most of us.

Thank you for your call; I hope that this helps.



**WELCOME HOME** — The six-member crew of NASA's Space Shuttle Discovery returned to earth Wednesday morning with a "picture perfect" touchdown at sunrise at Edwards Air Force Base. The landing culminated a six-day mission which began at the Kennedy Space Center in Florida. — Photo by PHAN Greg Hogan

## Restrictions apply to aid federal agency can provide in emergency

In the wake of the recent flood, many people have wondered about policies regarding the ability of a military base to help a civilian community in time of need.

When a disaster strikes a community, military and Department of Defense agencies are often called on to provide help to save lives, prevent suffering and mitigate damage.

Such assistance is rendered under federal law and Presidential orders tasking the Secretary of Defense to provide the Federal Emergency Management Agency (FEMA) with support to prepare for and carry out both peacetime and wartime civil support missions.

Several restrictions to such help apply.

A Commander must maintain his mission capability, all civil resources must be used first, and civil jurisdictions will have to make reimbursement for the support.

In addition, all assets provided must remain under the Commander's control, and procuring and stockpiling resources to aid civil authorities is prohibited.

Except for immediate life-saving actions, a Commander must receive authority to provide support. Should a Commander take action because lives are threatened, he must then report fully to his superiors what actions were taken and why.

In a disaster in California, state emergency plans call first for local jurisdictions to help each other (and to use the American Red Cross, Salvation Army, church organizations and other volunteer groups). If a disaster exceeds the ability of local organizations to cope, then the county asks the State Office of Emergency Services for aid. If state resources are not adequate to provide needed assistance, then the state OES asks for help from FEMA.

Sixth Army Headquarters at the Presidio in San Francisco is the cognizant agency for FEMA in California and the West.

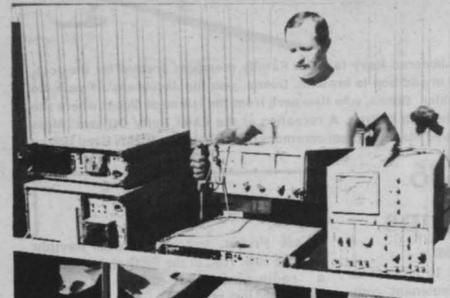
FEMA then decides which federal agency has the needed equipment and skills to help in the disaster, and FEMA requests help from the Commander of any military base that seems able to render such aid.

Even though the salaries of military personnel who help in a civil disaster are paid by the federal government, all other expenses for aid must be paid by the organization that asked for help.

Financial reimbursement would cover per diem costs for feeding and housing personnel, consumables (such as gasoline) and out-of-pocket costs engendered, and replacement for stores used.

All DoD assets — personnel or equipment — remain under the jurisdiction and command of the military at all times rather than coming under civil authority in the form of either disaster or civil government officials.

DoD guidance requires that all military assistance to civil authorities be on a minimum essential and temporary basis and must be terminated at the earliest practicable time, or until released by FEMA when resources are provided under the Disaster Relief Act of 1974. Support provided cannot be in competition with private enterprise.



**CALIBRATION LAB TAKES ON CHALLENGE**—Cleaning up delicate, mud-encrusted instruments brought out of the flooded basement of Michelson Laboratory is a chore that is being tackled by employees in the Metrology Branch of the Engineering Department's Product Assurance Division. Mike Broaker (top left photo) an electronics technician, lifts a silt-coated voltmeter from a cart in preparation for spraying it with soap and water and then soaking it in a tub filled with water as Lief Stohl, another electronics technician, is doing in the top right photo. Paul Phillips (lower left photo) an electronics technician, displays a digital voltmeter after it has been bake-dried in an environmental chamber, cleaned, disassembled and is in the process of being reassembled. Andy Anderson (lower right photo), an electronics technician, uses a



dynamic shaker system during testing of one of the many accelerometers (estimated value \$20,000) that were removed from storage in the basement of Michelson Laboratory. The accelerometers (some of which cover the top of the desk in front of Anderson) were kept in wooden boxes that were muddy and dirty. According to Ed Nelson, head of the Metrology Branch, they are keeping count of the number of test instruments that can be saved. Due to the corrosion of some of the delicate elements, components reach a state of total loss in a short period of time. Oscilloscopes, voltmeters, TV monitors and recorders are some of the items being cleaned in an effort to return them to use. After reassembly, all of this equipment will have to be re-tested to determine if it will serve its intended purpose. — Photo by PHAN Greg Hogan

**nwc rocketeer SPORTS**

Signups end today for Youth Soccer League fall program

Enrollment ends today for the 1984 fall season of the youth soccer program, sponsored by the Recreational Services Department. At press time for this issue of the Rocketeer, 185 youngsters had signed up to play soccer.

Boys and girls who have just entered the first through sixth grades have only until 4 p.m. today to register at the Information Ticket and Tour (ITT) Office, located on the west side of the Community Center, if they wish to participate in youth soccer.

Each player must have a current sports registration card on file at the ITT Office, or be prepared to purchase one. For those who wish to purchase or renew this card, the fees are:

Military dependents — \$8 for 1 child, \$11 for 2 children, or \$14 for 3 or more children; dependents of DoD civilian employees — \$12 for 1 child, \$17 for 2 children, or \$22 for 3 or more children; non-DoD employees — \$14 for 1 child, \$20 for 2 children, \$24 for 3 or more children.

Other expenses connected with involvement in the youth soccer program are an equipment fee of \$2.50 per player, and the cost of uniform shirt that can be purchased at the time of registration for \$8.50.

The 8-week youth soccer season begins on Sept. 29 and continues through Nov. 17. All games will be played on Saturdays.

Players new to the local youth soccer program must attend evaluation sessions that will help league officials determine their playing ability so they can be properly placed on teams according to their skill level.

### Crowds not overly large at Isabella on weekend

Although a lot of people took advantage of Highway 178's reopening between Lake Isabella and Bakersfield, crowds at the lake last weekend were not as large as had been anticipated.

Anglers working the lake did very well indeed if they were fishing for bluegill or bass. Bluegill were being caught all around the lake; bass were centered in the South Fork area. Bass fishermen did best in the deeper water or by trolling. Most bass caught ranged from 2 1/2 to 3 lbs.

Neither catfish nor trout were biting last weekend.

**Looking For Equipment?**

Call the Equipment Locator Service (Code O2A22) at ext. 2101 We're here to satisfy your equipment needs!

### Make regular check of household supplies needed in disaster

Preparations for fall and winter should include checking and updating disaster supplies kept in each household.

While "water" may be a sensitive word in the wake of the recent flood, having a store of drinkable water on hand in every household is essential. In case of an earthquake, water lines are apt to be ruptured and power for pumps not available; even in case of a flood, the general water supply could become contaminated, so having an extra supply of potable water on hand at all times is essential.

A minimum of a gallon per day per person should be stored in each household, as well as water for pets and domestic animals. To be safe, at least 10 gallons per person is in order. Adding a few drops of household bleach to the water that is being stored (in non-breakable containers) will help keep the water pure; each brand of bleach (such as Purex or Clorox) has directions on the container about the amount needed.

Batteries for a battery-powered radio also need to be checked for freshness regularly since emergency instructions will be broadcast over local radio stations; radio station KLOA plans to have emergency generating equipment to ensure that it can remain on the air regardless of other power available.

In case of any sort of disaster, it is vital that residents listen to the radio for instructions. It is equally vital that everyone stay off the phone except for true emergency calls so that the phone system won't be overloaded.

Food for all family members (and domestic animals and pets) also needs to be stored because the local area is apt to be cut off from outside assistance for anything from one to four days. Such food should be canned or dried so it won't require refrigeration, and food should be replaced regularly (like water) to ensure its freshness.

Anyone who requires regular medication should also be sure to have an extra supply of this on hand, and should be sure, too, that such drugs are rotated regularly so they will be fresh.

Flashlight batteries also need to be fresh to be sure that they will work if the lights are required for an emergency. Batteries stored in a refrigerator — not a freezer — will stay fresh much longer.

As residents of the local area discovered recently, disasters can strike at any time.

### Retirement party for Capt. Scotty Vaught set Sept. 27 at COM

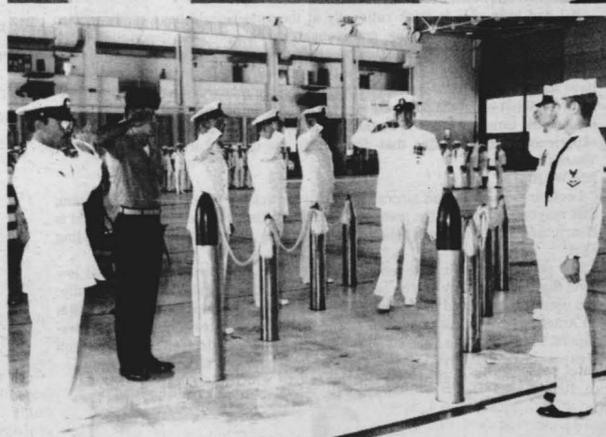
All China Lakers are invited to attend a retirement party that will be held for Capt. Scotty Vaught, the Center's popular Chief Staff Officer, on Thursday, Sept. 27.

The party will be held on the lanai at the Commissioned Officers' Mess. A social hour at 6:30 p.m. will precede presentations at 7:15.

All who plan to attend are asked to telephone NWC ext. 2634 so name tags can be prepared in advance. A donation of \$4 to defray the cost of hors d'oeuvres will be asked from each person at the door.



**ENDS NAVY CAREER** — A retirement ceremony held inside Hangar One at Armitage Airfield on Aug. 30 ended 27 years of active duty in the Navy for RMCM (SS) Richard (Jake) Jacobsen, who has served since July 1982 as the Command Master Chief of Air Test and Evaluation Squadron Five (VX-5). For his final four years in the Navy, Chief Jacobsen was involved in the Master Chief Petty Officer of the Command Program — first on the Island of Guam and then with VX-5 at China Lake. Prior to that he served for most of his Navy career on board submarines or handled submarine-related assignments, including duty as operations and navigation chief petty officer on the crew of the submarine USS Pickrell. RMCM Jacobsen was singled out as "chief of the boat," the underwater craft's No. 1 enlisted man, on the Pickrell. Trained as a radioman, one of the retiring master chief's shore duty assignments was at Rosemont, Minn., with Detachment Bravo of the Navy Astronautics Group — a unit that transmitted and received submarine communications via satellite. During his retirement ceremony, at which Capt. R. P. Flower, Commanding Officer of VX-5 officiated, Master Chief Jacobsen was "piped over the side" in



time-honored Navy fashion. Family members present for the occasion, in addition to his wife, Donna, was the Jacobsens' 19-year-old daughter, Donna, who flew here from the Island of Guam where she is attending college. A reception at the Chief Petty Officers' Mess followed the retirement ceremony. — Photos by PHAN Greg Hogan

### Applications sought for 1985-86 Navy Fed'l Executive Fellowships

Applications for the 1985-86 Navy Federal Executive Fellowship (FEF) Program are now being requested for consideration by the FEF Selection Board, which will convene in December 1984.

Navy Fellows will attend the Georgetown University Center for Strategic and International Studies (CSIS); the Harvard University Center for International Affairs; the Brookings Institution; the American Enterprise Institute (AEI); the Atlantic Council of the United States, and the U.S. State Department Foreign Service Institute.

Additionally, the Navy competes with other military services for a fellowship position at the Council on Foreign Relations. The FEF Program Selection Board will select officers for assignment to these fellowships for the 1985-86 academic year

which begins in September 1985.

Fellowships are awarded to officers in the permanent grade of lieutenant commander and senior, who have demonstrated potential for assignment in strategic planning, political-military affairs and program planning billets. Although not required, a master's degree, or an appropriate subspecialty combined with staff experience, is desired.

Fellowships are considered service college equivalents, but previous attendance at a service college does not affect eligibility for this program.

Applications are to be submitted in accordance with the guidelines specified in OPNAVINST 1301.9 or contact the FEF Program Coordinator, Cdr. Peter R. Smith, OP-915P, at Autovon 227-0059 or commercial phone (202) 627-0059.

### Police reports . . .

Last Friday, unknown persons forcibly entered Rm. 112C in the BEQ and damaged a radio-controlled model aircraft. Estimated loss is \$225.

#### BIKE PARTS TAKEN

The resident of a Capehart B duplex on Hayward St. reported at 8:15 p.m. Friday that someone entered the garage, removed a bicycle, took off some of the parts, and then returned the frame of the bike. Estimated loss is \$100.

#### VEHICLE DAMAGED

At 8:50 p.m. last Friday, the owner of a 1978 maroon Honda Accord reported that unknown persons scratched the windows and paint of the vehicle while it was parked in the parking lot of the Chief Petty Officers' Mess. Damage to the vehicle is estimated at \$65.

#### TWO TV SETS STOLEN

Shortly before 5 p.m. last Saturday, the resident of a home on East Inyokern Road reported that unknown persons entered an unlocked garage and removed two television sets, one a 19-in. Admiral color TV, and the other a 12-in. RCA black and white TV. Estimated value of the two television sets is \$85.

#### GENERATOR SWIPED

At noon on Labor Day, a report was filed that unknown persons removed a Honda generator from the northeast wall of the fire station at Randsburg Wash. The red and orange generator is valued at \$1,000, making this a grand theft.

#### VANDALISM REPORTED

Unknown persons threw paint remover on a 1965 Chrysler automobile parked at the curb in front of 402 Hayward Ave., according to a report filed at 7 p.m. Monday. Estimated damage is \$150.

### MIKE'S LAB by Bill Favin



### Course in personal safety, self-defense scheduled Sept. 21

Center employees interested in attending a class in Personal Safety and Self-Defense do not need to submit a training request, but can go directly to the Mojave Room of the Commissioned Officers' Mess at 8 a.m. on Friday, Sept. 21, where the class will be taught.

Trisha Brinkman, of Brinkman Associates of San Francisco, will discuss prevention strategies for use in public and in the home, as well as techniques for effectively resisting personal violence.

Also included in the course, which will run until 11:30 a.m. that Friday, will be legal issues, verbal techniques of resistance, effective body communication, physical resistance strategies, and community resources available.

The course was offered at NWC previously and was of such widespread interest that it is being repeated. Admission will be on a first-come, first-served basis.

Supervisors who attend the 3½ hour course will receive EEO credit for attendance.

### Return survey form sent out by OPM, China Lakers urged

Naval Weapons Center personnel who received attitude surveys from the Office of Personnel Management in late summer and who have not already returned them in the postage-paid envelope provided are asked to do so promptly.

The questionnaires don't call for the name of the person filling them out. Responses should be checked with a No. 2 lead pencil so that they can be tabulated mechanically.

Not all Center personnel included in the Civil Service Reform Act Demonstration Project received the questionnaires, making it more important that those who did so to complete them.

Questionnaires were sent to personnel at both NWC and the Naval Ocean Systems Center, San Diego, to help OPM judge the effectiveness of the Demonstration Project.

### Farewell gathering planned for Lt. Col. Czonstka on Sept. 18

A farewell get-together for Lt. Col. Steve Czonstka, USAF Liaison Officer at the Naval Weapons Center, has been scheduled at 12:30 p.m. on Tuesday, Sept. 18, in the Management Center of Michelson Laboratory.

Center employees or military personnel who would like to make presentations on this occasion should contact the Program Coordinator's Office (Code 0031), located in the lobby of Michelson Laboratory, where contributions for an NWC gift to the departing Air Force officer also will be accepted.

Lt. Col. Czonstka has served as the USAF Liaison Officer at NWC since August 1982.

### Lab clean-up . . .

(Continued from Page 1)  
Some problems are being encountered, but these are being solved as they arise. The steam supply for humidity control is operational in the Solid State Building and computer wing. The rest of the steam supply is expected in a week.

The low pressure shop air was being supplied by auxiliary compressor last week, with high pressure air expected by next Wednesday.

The "Michelson Lab Muckers" completed the worst of their operations this week, and are now beginning to work at getting the basement back into usable condition. The final cleaning operation is expected to take another six weeks to two months.

### Sale slated at NEX

The Navy Exchange has scheduled its annual Fall Festival sale from Sept. 13 to 18 at the retail store located in Bennington Plaza.



**FOUR DECADES OF SERVICE** — Now retired, Frank Amparano returned recently for a ceremony during which his 40 years of federal service were recognized by the presentation of a framed certificate signed by John Lehman, Secretary of the Navy. The presentation to Amparano, who was accompanied by his wife, Mary, was made by Capt. K. A. Dickerson, NWC Commander. A former artillery repairman in the Ballistics Test Branch of the Range Department's Ordnance Test and Evaluation Division, Amparano joined the work force at China Lake in July 1947, after serving for three years in the Marine Corps during World War II. — Photo by PH3 Rick Moore

### Plans outlined for celebrating Hispanic Heritage Week at NWC

Naval Weapons Center personnel are invited to join with distinguished guests that include the Consul General from Costa Rica, Congressman Bill Thomas and other prominent area residents in attending a luncheon next Friday, Sept. 17, in observance of Hispanic Heritage Week.

Reservations are required to attend the luncheon, at which the guest speaker will be Dr. Franklin Chang-Diaz, who has been selected by the National Aeronautics and Space Administration to be a mission specialist on a future space shuttle flight.

Lucy Lambert-Shaughnessy, NWC's Hispanic Employment Program manager, says that the list of distinguished guests asked to attend has grown because of the unusual range and depth of Dr. Chang-Diaz' background.

He not only holds a doctorate in plasma physics from the Massachusetts Institute of Technology and has served on the technical staff of the Charles Stark Draper Laboratory, but also worked as house manager for an experimental community residence for deinstitutionalizing chronic mental patients and has worked with a rehabilitation program for Hispanic drug users.

The luncheon next Friday will be held at the Enlisted Mess from 11 a.m. until 1 p.m. Menu for the day will be tamales, enchiladas, rice, beans and salad for \$5.

Those who wish to attend must telephone Jerrilee de Geus at NWC ext. 2348 promptly. They may then purchase their tickets from Ava Whitman, Code 093; Belle Hervey, Code 094; Estella Paine, Code 247; Hector Leon, Code 35062; Mena Leon, Code 62021; Larry Scholl, Code 83; or Madison Bryson, Code 2105. (Anyone who has purchased a ticket but has not phoned for a reservation is asked to do so to ensure that adequate seating will be available.)

Other events planned during the week include another luncheon, a film festival, a workshop, and a dance that is sponsored by Los Amigos Hispanos.

The other luncheon will be a Spanish-speaking Sister Cities luncheon at El Charro Avitia restaurant in Ridgecrest at 11:30 a.m. on Tuesday. Anyone who wishes to practice speaking Spanish is invited to attend. No advance reservations are required.

No reservations are required to attend either part of the film festival, which will be held on Wednesday, Sept. 12, at the Training Center.

At 10 a.m. a film entitled "Our Heritage" will be shown; this film lasts approximately one hour. At 1 p.m., a second film, "Bill of Rights," will be screened. Following this 35-min. film, a discussion will be held. An

### Navy League to hear about Sea Cadets at meeting on Sept. 13

The Indian Wells Valley Chapter of the Navy League has planned its next monthly dinner on Thursday, Sept. 13, at the Enlisted Mess.

The evening will begin with a social hour at 6:30 p.m., followed by dinner at 7:30. The menu choices will be an 8-oz. top sirloin steak, priced at \$7.50, or a seafood platter, for \$8.

Following dinner there will be a program by members of the NWC Division of the Naval Sea Cadet Corps.

Lt. Dan Foster, USNSCC, Commanding Officer of the local Sea Cadets Corps, Ltjg. Diane Foster, USNSCC, personnel officer, and several of the Sea Cadet members will tell about honors the local unit received during its participation in the annual boot camp training session held at the Naval Training Center, San Diego.

Reservations are necessary and must be arranged no later than Monday, Sept. 10, by calling the following telephone numbers: 446-5001 (nights), 446-3727 (nights), 446-5488, 446-2538 (8 a.m. to 1 p.m.), 375-5515 (mornings), or 375-4272.

### Niblack Award . . .

(Continued from Page 1)

being put into modernization and improvement of facilities and equipment essential in carrying out the NWC mission.

The segment on corporate planning looks at the Center's long-term role in support of the Navy, and the strengthening of NWC's capability to provide full-spectrum material-acquisition support to the Systems Commands.

Preliminary review of the NWC Command History for calendar year 1983 was handled by the late Leroy L. Doig, Jr., former head of Acquisition Management (Code 034); Dr. Robert Rowntree, Technology Base Coordinator (Code 031); and Dr. Frank Cartwright, Senior Consultant to the Technical Director (Code 015).

The final review and approval of the award-winning Command History was by Capt. K.A. Dickerson, NWC Commander; and by B.W. Hays, Technical Director.

### Happenings around NWC

Anyone who plans to use the NRMCA Branch Medical Clinic at China Lake must enroll in the Defense Eligibility Enrollment Reporting System (DEERS) promptly. After Oct. 1, only emergency patients will be seen without prior enrollment.

Since actually getting an enrollment listed in the DEERS computer takes from four to six months, those who enroll now at the Personnel Support Detachment (PSD), or have done so recently, should bring a copy of their enrollment form with them whenever they wish non-emergency care.

In addition, after Nov. 26, no CHAMPUS claims will be paid for anyone in California not registered in DEERS.

#### 'CYCLISTS CREATE HAZARD

Motorcycle riders are requested not to ride in or around the Recycling Center area on South Richmond Road, and to stay on the access route when they are going out the NWC south gate.

Complaints have been received that motorcycles are being ridden in and around the recycling area, creating a hazard for persons who are depositing recyclable material. Parents or guardians of minors who may be riding motorcycles in that area are asked to discuss the problem with such youngsters in order to make them aware of the possibility of an accident.

China Lake Police have been asked to provide a closer surveillance of the area.

Those using the area off-road access route to leave the Center via the Richmond Road gate are reminded that the speed limit on access routes is 10 miles per hour.

#### ASTRONOMY GP. TO MEET

A talk during which the speaker will explore some ideas about the meaning of time and its relationship to astronomy will be

presented at the next meeting of the China Lake Astronomical Society (CLAS).

The CLAS meeting, which is open to the public, will be held at 7:30 p.m. Monday at the Maturango Museum, and the speaker will be Don Kusterer, a retired physicist, who is a founding member of the Astronomical Society.

In addition, Carol Evans and Jim McMahon, two other CLAS members, will show film slides taken at the July meeting of Western Amateur Astronomers held in Santa Cruz.

Among the film slides are views of the new Monterey Institute for Research in Astronomy observatory, which is located in the mountains south of Monterey, Calif., and the Lick Observatory, located east of San Jose, Calif.

#### CHORUS REHEARSAL PLANNED

The first chorus rehearsal for a Christmas season presentation of The Messiah will be held at the All Faith Chapel on Sunday, Sept. 16, from 3 to 5 p.m.

Other chorus rehearsals dates are Oct. 21, Nov. 18, and Nov. 25. All rehearsals will be held at the chapel from 3 to 5 p.m. Auditions for soloists will be held Oct. 7.

Performances of Handel's famous oratorio are scheduled on Dec. 2 at 4 p.m. and again on Dec. 3 at 7 p.m., at the All Faith Chapel.

Ray Blume will direct the chorus, along with accompaniment by Shirley Helmick at the organ and Doris Bullock at the piano.

This third consecutive presentation of the Christmas portion of The Messiah will bring together members of local church choirs and others interested in performing this stirring piece of music.