



SCHOOL DAYS, SCHOOL DAYS — It's back to school time, and the NEX Retail Store is buzzing with little children getting ready for the big day. Steve Palmer, store manager, helps Lara Connell (8th grade, Murray School), her sister Cathy Connell (2nd grade, Richmond School), Shawn Vanderhouwen (1st grade, Vieweg School), and his brother David Vanderhouwen (4th grade, Groves School), to find the supplies they will need for school, which starts next Tuesday.

School starts Tues.; children new to district must register

The big yellow school buses will roll, bikes piloted by summer-tanned students will trundle down the streets, and young feet (often in new shoes) will trudge to the school house door Tuesday morning as classes in the Sierra Sands Unified School District start once more.

Any children new to the area who have not yet registered for school should go to the school closest to their place of residence to register. They should bring with them immunization and health information and a report card or other verification of their

'Pops' concert to be held at COM Saturday, Sept. 6

The Commissioned Officers' Mess will play host to an outdoor "pops" concert to be sponsored by the Desert Community Orchestra Association on Saturday, September 6 at 7:00 p.m.

Admission is free and drinks will be available for purchase from the COM during the performance. Guests are encouraged to bring lawn chairs or cushions for their comfort.

Beginning with the "Festival Fanfare for Six Horns," the concert will include selections by Sousa, Joplin, Brahms, Haydn, Bach, and Mozart, and will conclude with Dixieland music.

Special event passes will be available at the Naval Weapons Center main gate for this evening of family entertainment that marks the end of summer vacation.

Metal Trades Council to meet next Thursday

The Indian Wells Valley Metal Trades Council will hold its regular monthly meeting on Thursday, Sept. 4, at 65-B Halsey, St., China Lake. The meeting will begin at 7:30 p.m.

The council is the representative of a unit composed of the Center's non-supervisory, ungraded civilian employees who are located at China Lake.



Regular starting time—7 p.m.
FRI., SAT., MON. AUG. 29, 30 & SEPT. 1
"COAL MINER'S DAUGHTER"
Starring
Sissy Spacek and Tommy Lee Jones
(Drama, rated PG, 125 min.)
SUNDAY AUGUST 31
"CHINA SYNDROME"
Starring
Jack Lemmon and Jane Fonda
(Drama, rated PG, 122 min.)
WEDNESDAY SEPTEMBER 3
"SILENT SCREAM"
Starring
Rebecca Balding and Cameron Mitchell
(Horror drama, rated R, 89 min.)
FRI., SAT., SUN. SEPT. 5, 7
"THE BLACK HOLE"
Starring
Maximilian Schell and Anthony Perkins
(Science-fiction, rated PG, 99 min.)

Am. Diabetes Assn. to present program on juvenile diabetes

The American Diabetes Association is sponsoring a full day program on Juvenile Diabetes at the Bakersfield Inn in Bakersfield on Saturday, Sept. 6.

The program will be presented by personnel from the City of Hope; included will be an endocrinologist, a social worker, a teaching registered nurse, a dietitian, an ophthalmologist, and a dentist.

On Thursday, Sept. 11, at 7 p.m. in Cobb Hall of Bakersfield Memorial Hospital in Bakersfield, a demonstration will be given of a new syringe that releases small increments of insulin or chemotherapy all day long with the ability of infusing larger amounts at meal time or when necessary. Some of the juvenile diabetics at the City of Hope have been started on this syringe.

Anyone seeking further information about either program may telephone Aileen Yaeck, R.N., at (805) 327-1792.

The American Diabetes Association is a member of the National Health Agencies of Kern County, and is included in the upcoming Combined Federal Campaign (Oct. 1 through 31).

Sale at NEX

Calling all worshippers of the bubbly! Tonight and tomorrow the Navy Exchange Commissary Store will be holding a 7-up Truck Load sale. A case of soda usually costing \$7.20 will be marked down to just \$6.



TYMPANY — Fred Bacon is intent on his music during a recent rehearsal of the Cerro Coso Community College Desert Community Orchestra. The Orchestra is preparing for a free outdoor concert to be held on the lanai of the Commissioned Officers' Mess, Saturday, September 6 at 7:00 p.m.

Museum lovers in for treat with new 16-vol. set at library

Center Library users will delight in "Great Museums of the World." The 16-volume set presents each museum's most important and memorable works of art — especially photographed for this series, and reproduced in superb full color. Each volume has an introduction by the museum's director and a text commenting on the historical and artistic significance of the works and their creators.

The series will be of interest to art lovers and those interested in the humanities and the foundations of our civilization.

The ancient roots of Mexican civilization, as seen in its art and artifacts, are on view in the "National Museum of Anthropology, Mexico City." With the museum director as a guide, the reader will encounter the treasures of Pre-Hispanic Mexico.

"Louvre, Paris" opens to the reader the heart of the Louvre — a tour unfolds the history of art from prehistoric times to the 20th century.

Five thousand years of the world's art is represented in "The Metropolitan Museum of Art, New York."

In "Prado, Madrid" as on a private tour of its galleries the reader will find the greatest of the Prado's extraordinary possessions.

Other titles in the series are: Art History Museum, Vienna; Brera, Milan; British Museum, London; Egyptian Museum, Cairo; Museum of Fine Arts, Boston; Museums of Yugoslavia; National Gallery, Washington; National Museum, Tokyo; Pinakothek, Munich; Rijksmuseum, Amsterdam; Uffizi, Florence; and Vatican Museums, Rome.

The Center Library readers are invited to view the world's most magnificent treasures on a private tour of the "Great Museums of the World."

Hollyw'd USO Club opens doors to fun, variety of activities

Service personnel can spend a delightful evening at the Bob Hope USO Club in Hollywood, "Glamour Capital of the World." The Club, located at 1641 N. Ivar, just a block and a half from the corner of Hollywood and Vine in Los Angeles, offers a place to relax, watch television and have fun with the new Asteroid Machine.

The telephone number of the Bob Hope USO Club is area code 213, 462-0747. By telephoning, service personnel can get further details on such activities as a trip to Magic Mountain on Saturday, Aug. 30, a picnic at Griffith Park on Sunday, Aug. 31, and a variety of sports events.

Polynesian luau at CPO Club tonight with food, dancing

The same big moon that shines on Hawaii will be out tonight to grace the luau at the Chief Petty Officers' Club. A very few tickets are still available for the big event that features a lavish dinner of Polynesian specialties, followed by dancing.

Highlight of the evening will be a performance of traditional Hawaiian dances by the stunning staff of Tiara Productions, Inc. of Huntington Beach.

The price? A modest \$12.50 per person. Tickets available will be sold on a first-come, first-served basis.

U.S. Government Printing Office:
1980 — No. 1041

From:	PLACE STAMP HERE
To:	

Plan on long, wet winter says weatherman Gibson

Indian Wells Valley residents should expect a wet but not severely cold winter this year, according to John Gibson's long-range winter forecast.

Gibson, the Naval Weapons Center duty forecaster for the past seven years, said that winter-type systems have already made their way to the local area since Aug. 15, when the Eastern Pacific High broke down completely. Usually the high will break down in late September.

"The fact that we are now getting winter-

type systems indicates to me that we are in for a long fall and winter," said Gibson, who has been forecasting Southern California weather for more than 20 years. "Although the systems are not as severe as they would be in the winter, you normally don't find them here until later in the year."

According to Gibson, this means we can expect a winter as cold or a little colder than last winter with precipitation coming earlier in the season.

"This winter may be a little colder than

last winter, but it will still be a relatively mild one with the first freeze coming between Oct. 25 and Nov. 5," Gibson said. "I expect the precipitation to start sooner than it did last winter, however."

"Last winter we didn't get any precipitation until the first of this year," Gibson continued. "I'm looking for the rains this winter to begin as early as late October with the chance of snow quite possible. I also think we will get a lot of precipitation at the beginning of next year as was the case

this year." Gibson has measured 6.49 in. of precipitation locally this year compared to 5.59 in. for all of 1979 and 9.83 in. in 1978. According to the local forecaster, the average annual rainfall in this area is under 3 in.

Local summertime weather has been about the same as it was last year. The average maximum temperature in July was 104 degrees, which is two degrees above

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August 29, 1980

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Whittle presents SecNav Energy Award to Center

"You were selected as the Naval Material Command representatives in the Secretary of the Navy Energy Conservation Award competition, and it was with deep pride that we learned that you were chosen to receive the award for Fiscal Year 1979," Adm. A. J. Whittle, Jr., Chief of Naval Material, told NWC personnel gathered at the Community Center Monday afternoon.

(For being selected as Naval Material Command — NAVMAT — representative, and, therefore, winner of the NAVMAT Energy Conservation Incentive Award, NWC received \$200,000, a percentage of funds saved this year through NAVMAT conservation efforts. These operations and maintenance funds may be spent for any legal purpose, preferably for personnel support facility projects.)

"Especially important," Adm. Whittle continued, "was not just the energy saved, but also your drawing such attention to conservation that no one here will waste energy."

Adm. Whittle then presented to Capt. W. B. Haff, NWC Commander, the Secretary of the Navy Conservation Award, consisting of

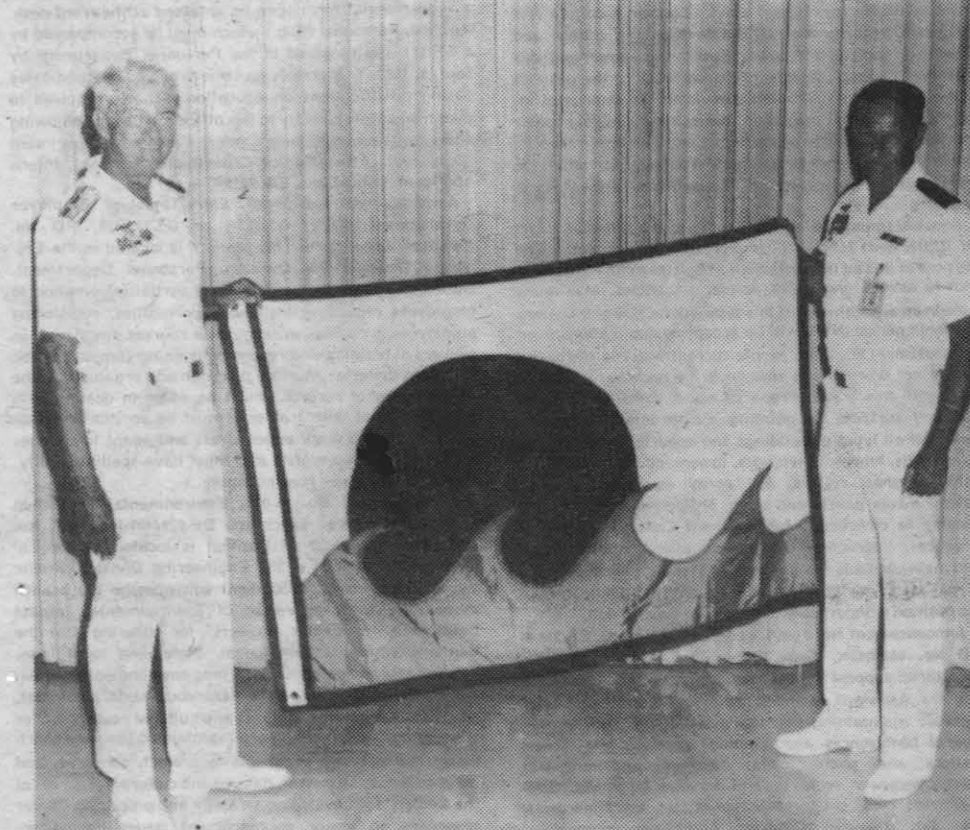
a plaque, a certificate, and a flag that will be flown above the Center.

As Adm. Whittle read the certificate of award, he noted that the Center had developed sound energy conservation management programs that were innovative without adversely affecting readiness.

"A well done to all of you," he concluded. Capt. Haff, in brief words of acceptance, stated that he is immensely proud of the success of the team effort that resulted in the Center's winning the award.

He called forth members of the Energy Program Office and other Public Works Department personnel who played especially large roles in implementing conservation and alternate energy programs; these were individually congratulated by Adm. Whittle.

In his concluding remarks, Capt. Haff also called attention to the Los Angeles Federal Executive Board Energy Achievement Award plaque won by the Center recently and displayed during the meeting.



BANNER OF SUCCESS — Adm. A. J. Whittle, Jr., Chief of Naval Material, and Capt. W. B. Haff, NWC Commander, hold the flag denoting that NWC won the Secretary of the Navy Energy Conservation Award. The flag is now proudly flapping on the flagstaff in front of the Headquarters building.

First production model of QF-86F goes to Pt. Mugu

The first production model of a QF-86F full scale aerial target (FSAT) aircraft was transferred recently by the Naval Weapons Center to the Pacific Missile Test Center (PMTTC) at Pt. Mugu.

While three prototypes of the QF-86F were developed here in a program started in 1978 under the direction of the NWC Weapons Department's Remotely Piloted Vehicle (RPV) Technology Branch, this is the first production model of the FSAT.

The newest QF-86F is equipped to use the Integrated Target Control System (ITCS) that combines command control and tracking in one unit. This drone version of the F-86 Sabrejet is an all-attitude, high-G target that is capable of any maneuver that can be performed with a pilot in the cockpit. Its equipment also includes forward-looking television to aid launching and recovery of the aircraft from a single remote site.

Availability of production models of the QF-86F comes at an opportune time, since the inventory of QF-86 target drones is reduced to just three from a total of 31 that were developed and produced here, Jay Bornfieth, head of the RPV Technology Branch in Code 39, reported.

As their name implies, target drones are expendable. Over the instrumented ranges

of the Naval Weapons Center and at the Pacific Missile Test Center, Pt. Mugu, remotely piloted aircraft can expect to survive just three or four flights during tests of Sidewinder, Sparrow or Phoenix missiles.

Fortunately, when replacement aircraft for conversion to targets were needed, it was learned that the Japanese were taking out of service a large number of F-86F Sabrejets.

Because of the prototype work previously done here on conversion of the F-86 to a remotely piloted vehicle, the Navy was able to award a contract for the first 13 production models of the QF-86F to Kentron International, Inc., whose employees are carrying out this work at Air Force Plant 42 in Palmdale, Calif.

The RPV Technology Branch (Code 3925) is responsible for overseeing the production contract, with support from the Targets Division of the NWC Aircraft Department, and the Targets Maintenance Branch (Code 6126) of the Aircraft Support Division.

Obsolete operational aircraft brought here by truck for conversion to target drones are inspected and repaired by Kentron employees, who work with Code

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LOGBOOK SENT ALONG — AMCS R. L. Brant, of the NWC Aircraft Department's Targets Maintenance Branch, waits to turn over the logbook of this first production model of a QF-86F full scale aerial target to Lt. Carro, a pilot from Pt. Mugu, who flew the aircraft from Armitage Airfield to the Pacific Missile Test Center. The logbook contains a complete record of all maintenance work, refueling, and the development history of this particular aircraft from the time it was first certified for flight.

We must exercise

Precious right we treat lightly

August 26, 1920 was the day of the adoption of the 19th Amendment to the Constitution, in which women gained the right to vote after seventy years of dedicated struggle. Many men felt if women were allowed the right to vote, society would be drastically altered and politics would be feminized and trivialized. History has proved that since women received the vote not much has changed. Politics remains politics.

Since women are 52 percent of the population they could make some significant changes in legislation if they got together on issues and flexed their power. However, this has not been the case. Consistently only little more than half of the women who are eligible to vote exercise that privilege — about the same percentage as men. Our contrite apologies to Susan B. Anthony, Alice Paul and their brave peers who suffered arrest, imprisonment and force feeding for the precious right we treat so lightly.

With the many social issues which concern women being discussed and decided, it becomes imperative that women become more informed and involved in politics. To the comment that "I'm not interested in politics" and "politics doesn't affect me," we must respond: "All of life is politics" and "you had better be interested in politics because it surely affects you, your future, and your children!"

Belle Hervey

Federal Women's Program Manager



FAMILY PICTURE — The "family" of test parachutist personnel grew this week with the addition of two newly qualified members. Jump personnel include (front row l. to r.) PR1 G. J. Etrata, Lt. R. E. Rochford, PR2 Pat Rafferty, PR2 Bill Leuallen, and PRCS Ron Allen. Behind them are PR1 P. T. Perrotta, PRAN M. D. Thompson, PR2 J. G. Woolley, PR2 S. D. Blankenship, PRAN Nancy Schrankel, PRAN R. J. Ferraioli, PR2 Anne Mooney, HM1 George LaMora, PRAN Lisa Arsenault, PR3 C. E. Mathews, and PR1 M. W. Hager.

Two more parachutists qualify, 3rd woman starts jump training

PR2 Bill Leuallen and PR2 Pat Rafferty completed the parachute training syllabus and were qualified as naval test parachutists last Tuesday, receiving their certificates on the drop zone after completing their final qualifying jump from the C-117D aircraft from an altitude of 10,000 feet above ground level.

The same day PRAN Nancy Schrankel began the parachutist training; she is the third woman to enter the test parachutist training at NWC. Serving as ground instructors for PRAN Schrankel were PR2 Anne Mooney and PRAN Lisa Arsenault. To receive the rating of senior naval parachutist, each jumper must meet

specific requirements, one of which is the ability to instruct others during the training phase.

PR2 Mooney has now completed a total of 77 jumps including three water landings, 150 and 250 knots indicated air speed exits from the A-3 aircraft and free-fall delays up to 60 seconds prior to pulling the ripcord. PRAN Arsenault has completed 75 jumps at this time.

Both these women have contributed a significant amount of valuable data to the department's female test parachutist study as well as providing the department with qualified parachutists for all projects that may be assigned.

The Rocketeer

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Technical Director
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Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092, Ext. 2049. 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 alternate 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 X-118; those for all wage system positions are those defined in OPM Handbook X-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.

Announcement No. 09-06KLC, Industrial Electronic Control Mechanic, WG-2443-11, JD No. 465N, Code 2442-1 — Temporary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) Industrial Electronic Control Mechanic positions. This register will be used to fill vacancies as they occur in the Maintenance Division. Maximum time in an appointment of this type will be 12 months in any 24-month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Registers, and individuals not on registers who have skills necessary to qualify for this position. The position is located in the Maintenance Division of the Public Works Department. Duties of this position are to lay out, plan design, build, test, install, maintain, troubleshoot and repair all types of highly complex integral devices, subassemblies and complete electronic units such as remote control and telemetry, instrumentation, data recording, boiler flame safety devices, diathermy, X-ray, electro-cardiac monitors and recorders, security alarms and devices, and voltage and frequency controls for power generating equipment. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of industrial equipment operation, control and control repair; ingenuity; knowledge of electrical and electronic theory; use of test equipment; ability to troubleshoot; use of internal instructions, blueprints, schematics, specifications, etc.

Announcement No. 09-07KLC, Painter, WG-4102-3, JD No. 202N, Code 2442-1 (Temp NTE 1 yr., 1 vacancy) The purpose of this ad is to establish a register to fill temporary (not to exceed one year) painter vacancies. Maximum time in an appointment of this type will be 12 months in any 24-month period. NWC will be accepting applications from reinstatement eligibles, people currently on registers, and people not on registers who have the necessary skills to qualify in this trade. Prepares wood, metal, brick, and masonry surfaces for painting. Paints interiors and exteriors of all types of buildings and appurtenances. Paints guard rails, fences, barricades, towers, curbs, and tanks using brushes, rollers, and spray equipment. Blends colors, mixes paints and other protective materials according to directions. Job Relevant Criteria: Technical practices; instructions and specifications; ability to use and maintain tools and equipment of the trade; knowledge of materials; dexterity and safety; ability to do the work of the position without more than normal supervision.

Announcement No. 09-08KLC, Secretary (Typing), GS-318-4, PD No. 800043N, Code 01 — This position provides secretarial support to the Office of the Technical Director and the Assistant to the Executive Committee. Duties include: maintaining calendar; setting up regular and special conferences and meetings; receives and directs visitors and phone calls; reviews and prepares correspondence; receives and screens incoming mail; maintains files; prepares travel orders and itineraries, etc. Job Relevant Criteria: Ability to comprehend technical terminology; knowledge of grammar and punctuation; knowledge of Navy and business style correspondence; ability to deal effectively with top management personnel. Promotion potential to GS-5.

Announcement No. 0706, Budget Technician, GS-331-4, PD No. 778019N, Code 0832 — This is a part-time position located in the Office of Finance and Management, Budget Division. Incumbent provides continuous on-site financial staff expertise; prepares and continuously monitors budgets; clarifies financial system requirements to administrators of the department served; prepares special reports on financial expenditures and assures accuracy of all charges to department served. Job Relevant Criteria: Knowledge of Navy and NWC budgeting and accounting procedures; ability to exercise tact and good judgment; and ability to work under pressure. Promotion potential to GS-7. Previous record for Announcement No. 0708 of 8/22/80 need not re-apply.

Announcement No. 092-00-1, Management Intern Program — Administrative Management Intern, GS-301-517/P, PD Nos. 800913N, 800914N, 800915N, Code 092-3 vacancies, promotion potential is Demonstration Administrative Schedule DA-3 — These positions are a part of the Naval Weapons Center's Management Intern Program. For a six-month period, incumbents will receive a series of rotational assignments in Center's administrative staff functions with the goal of acquainting

them with the Center's mission and functions and to provide exposure/practical experience in various administrative/staff functions. Assignments will be supplemented by a series of briefings and presentations designed to aid in meeting the stated goal. At the completion of the six-month training period, interns will be assigned to a permanent position in one of the staff functions of the Center. Such assignments, depending on management's needs, could be in fields such as budget, management analysis, personnel, supply, safety, security, or work as an administrative officer. Job Relevant Criteria: All applicants who meet the minimum qualifications requirements will be ranked against the following job relevant criteria: Demonstrated ability to comprehend complex subject matter; ability to express self in writing; ability to interact effectively with people; ability to analyze problems; and ability to recognize and assess personal attributes required to succeed in a managerial position. Applicants are requested to complete a supplemental form (can be obtained at the front desk, Rm. 100, Personnel Bldg.) which must be accompanied by a SF-171 and received in the Personnel Department by Sept. 5, 1980. Transcripts must be provided by candidates basing qualifications on education. Schools required to mail transcripts directly to this office can use the following address: Naval Weapons Center, Personnel Department (Code 092), Attn: Eunice Crookshanks for Mgt. Intern Applicant, China Lake, CA 93555.

Announcement No. 09-001, Clerk-Typist or Employee Development Clerk, GS-322-4 or GS-203-4/5, PD No. 799028N, Code 094 — This position is located in the Employee Development Division, Personnel Department. Duties are to provide written and verbal information to employees regarding training opportunities, registering employees in courses, arranging for courses, fiscal work in support of training and recording training completed. Job Relevant Criteria: Must be thorough and organized in the maintenance of records; must be adept in dealing with employees and with trainers; must be service-oriented; must be able to work under stress and adapt to change; must be a skilled typist and must have spelling ability. Previous applicants need not apply.

Announcement No. 24-014, Environmental Protection Cultural Resources Specialist, DP-028/401-III, PAC No. 8026505E, Code 2632 — Position is located in the Environmental Branch of the Engineering Division, Public Works Department. Incumbent will manage the branch responsible for preparation of Environmental Impact Statements for Center projects; for ensuring that the Center complies with Federal, State, and local laws, regulations, and policies concerning environmental media, air, water, noise, solid waste, hazardous waste, pesticides, soil, fish and wildlife, natural and cultural resources; for developing, implementing and maintaining long- and short-range management programs to protect, conserve, and manage the environment, natural and cultural resources of the Center; for developing strategy and preparing Center responses on major encroachment issues having environmental consequences. Job Relevant Criteria: Ability to direct a subordinate staff, including interest in and potential to manage people problems (EEO); ability to

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DIVINE SERVICES

PROTESTANT

Sunday Worship Service 1000
Sunday School — All Ages 0830
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

ECUMENICAL

Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC

MASS 0830-1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS

Daily 1115 to 1130
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES

Sunday Pre-school thru 11th grade 1000

After classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES

EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Services—(Sept. 95) 1930

Training classes

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

BPA 577 Research & Development Management; Sept. 15 through Nov. 17, 4 to 9 p.m., Instructors: Alden, Glen and Linstead. Deadline: Sept. 5.

PBA 671 Seminar in Public Administration; Sept. 17 through Nov. 19, 4 to 9 p.m., Instructor: Ruoss. Deadline: Sept. 8.

PBA 340 Marketing Management; Sept. 18 through Nov. 20, 4 p.m. to 9 p.m. Deadline: Sept. 8.



CONFERRING ON STYLE — Local artists (l. to r.) Kay Delger, Code 0824; Martina Camphausen, Code 08611; and Toska Courbron, Code 0807, confer on style. Their paintings can be seen throughout the Administration Building.

Happenings around NWC

The NWC Hispanic Employment Program Committee has planned a series of observances for National Hispanic Heritage Week, September 14 through 20.

Persons of Hispanic Heritage have played proud roles in the history of the Navy, from Admiral David Farragut in the Civil War to Pvt. Fernando Luis Garcia, USMC, who earned a Medal of Honor in Korea, to HM3 Phil Isadore Valdez, who was awarded the Navy Cross for his heroism in Vietnam. All of these men have been honored by having Navy ships named for them.

Workshops have been planned for Hispanic Heritage Week, as well as a lunch catered by the Maturango Museum on September 15. Reservations for the lunch must be made by telephoning Eloise Burkland, ext. 2634, and tickets picked up, by September 10. Lunch tickets are \$4.50 each.

'Up With People'

'Up With People' will bounce into town on Saturday, Sept. 13, with their upbeat, family-oriented musical show scheduled to be presented at 8 p.m. on Sunday, Sept. 14, in the NWC Center theater.

Being sought are overnight lodgings for the 80 young singers, dancers and musicians who will be appearing. At least 40 host families are needed. Any family that can provide bedspace for young performers for Saturday and Sunday night, Sept. 13 and 14, is asked to telephone either Kim England or Shauna Young at 375-4481 to volunteer.

General admission for the "Up With People" show is \$5.50, with student and senior citizen tickets selling at \$4.50. Advance tickets may be purchased at the Daily Independent office, Giftmart, First Federal Savings and Loan Association, and Hucek Travel Center in Ridgecrest.

WACOM Coffee

With the fall season on its way, plans are being made by the Women's Auxiliary of the Commissioned Officers' Mess for the resumption of fall-winter activities.

WACOM's first calendar event will be the annual membership coffee, which will be held on Tuesday, September 9, from 9:30 a.m. until 12 noon at the COM.

This year's theme is entitled "Campaign '80" and WACOM board members are hoping to begin the new WACOM decade with a large and active membership.

The coffee will be held in the Mojave Room at the COM, which will be decorated with red, white, and blue banners. Tables will be set up displaying information outlining WACOM's wide variety of activities for the coming year.

All current and prospective members are invited to attend, but attendance does not obligate anyone to join WACOM.

Women's Center

The Women's Center-High Desert will be a beneficiary of the Combined Federal

Campaign, scheduled to run during the month of October.

The Women's Center provides a support network, with referral services, programs, and workshops that combat problems facing women of this community.

When pledge cards are distributed during the CFC campaign, the Women's Center may be designated by donors to receive part or all of their contributions.

Horseshoe competition

The 11th Naval District horseshoe throwing championship will run from Sept. 8 through 12 at the Naval Construction Battalion Center in Port Hueneme.

Any military personnel interested in this competition must contact the gymnasium office today.

The Thrift Shop, operated by the Women's Auxiliary of the Commissioned Officers' Mess, will be holding a half-price sale next Tuesday and Thursday, Sept. 2 and 4.

The Thrift Shop is open on Tuesdays from 7 to 9 p.m., and Thursdays from 9 to 11 a.m.

Some facilities to be open Labor Day

The following hours of operation will be observed by business and recreational facilities at the Naval Weapons Center during the Labor Day holiday on Monday, September 1.

Facility	Hours
Bowling Alley and Snack Bar	1 p.m. to 5 p.m.
Navy Exchange Annex	10 a.m. to 7 p.m.
Golf Course	6:30 a.m. to 8 p.m.
Youth Center	1 p.m. to 5 p.m.
Indoor Pool	11 a.m. to 6:30 p.m.
COM Swimming Pool	12 p.m. to 6 p.m.
CPO Swimming Pool	12 p.m. to 6 p.m.
Center Gymnasium	11 a.m. to 7 p.m.

Facilities not listed above will be closed all day Monday.



NEWLY SELECTED — The Hispanic Employment Program committee has recently chosen four new members, who are (l. to r.) Larry Diaz, a mathematician, who will handle community relations for the committee; Paul Amundson, Marine Corps Technology Office, training and education; Virginia Sandberg, a mathematics aid, community relations; and Karl Kuehn, a mechanical engineer, who also will work with training and education.

Paintings in Adm. Bldg. display artistic talent of 3 employees

To those who can't draw a straight line, artists seem to be special people — a breed apart graced at birth with a talent denied everyone else. But ask most artists and they will say the ability to draw and paint is a learned skill and one that is carefully nurtured with many hours of tedious (and loving) practice.

This is the case with three local artists, Toska Courbron, Martina Camphausen, and Kay Delger, whose paintings decorate the walls of the Administration Building.

Toska Courbron, of the Internal Review Staff, has been drawing since she was a little girl. Her father was an amateur artist and, although Toska does not believe she necessarily inherited his talent, she feels her parents definitely influenced her to draw. "They buy you paints and things," she said.

Toska feels that painting requires a lot of practice. "If you leave it for a few years you lose a lot," she said. "There's just so much to learn about new materials."

As a child her great love was horses and she spent many hours drawing pictures of them. These days she likes to experiment with water colors and to paint landscapes.

Martina Camphausen (General Accounting Branch) has also been drawing since childhood. "My mother used to give me paper and pens to keep my busy while she went off to work. She didn't have anyone to leave me with, so drawing kept me busy and out of trouble."

Martina, whose paintings can be found in such far reaching places as Hawaii, Alaska, South America, Germany, and India, enjoys painting children's portraits best but also does landscapes and florals.

Kay Delger (Plans and Analysis Branch) brings hope to all would-be artists. Kay, who is an accomplished artist, began painting with paint-by-number kits but didn't like the way they looked — so she changed them.

Then, in 1963 while she was in Texas "and bored to death," her husband suggested that she paint "from scratch." "That was his big mistake," she laughs, "I painted my way through the Vietnam War," says Kay, whose husband Ken was "in and out of Vietnam" while a major in the Air Force Reserves. "Painting is relaxing and relieves frustrations. It gets my mind off everything else."

Opportunities . . .

(Continued from Page 2)

make sound technical decisions which are accepted by management; skill in handling work contacts both within and outside the Center; demonstrated analytical ability in interpreting and conducting studies in compliance with Federal, State, and local statutes and directives involving environmental/natural resources; demonstrated awareness of major encroachment, environmental and natural resources issues affecting the Center.

Announcement No. 24-015, Supervisory Architect, DP-808-III/Supervisory Civil Engineer, DP-810-III (terdisciplinary), PAC No. 802551E, Code 2437 — NOTE: This Ad corrects Announcement No. 24-013 which appeared on Aug. 15, 1980. Previous applicants need not re-apply. Position is located in the Architectural/Specifications Branch, Engineering Division, Public Works Department. Incumbent directs the branch responsible for providing architectural design services and contract documents for construction of new Center facilities and alterations/additions to existing facilities for the Division; for providing contract documents for maintenance, upkeep, and repair of Center facilities; for ensuring that Project Design Engineers are provided with preliminary outlines, technical specifications, and budget estimates; for providing project specifications coordination on contract work; for providing overall management of E and E-S contracts. Job Relevant Criteria: Knowledge of architectural/engineering principles and techniques; ability to manage a subordinate staff; ability to communicate clearly both orally and in writing; ability to serve as a consultant on projects; interest in and potential to manage people problems (EEO).

Announcement No. 33-003, Administrative Assistant, GS-341-5, PD No. 8033080N, Code 331 — This position is located in the Sensor Systems Division, Fuze and Sensors Department. This position is the Administrative Assistant to the Head, Sensor Systems Division. This is an entry level position and the incumbent will, over time, assume increasing responsibilities to coordinate and manage division operations involving budget planning, control and management; control of personnel actions including position descriptions, records, and the division's training program; plant account control; and responsibilities: preparation of administrative and management reports and associated correspondence; and preparation of contract requisitions and Data Review Board documentation. Job Relevant Criteria: Knowledge of NWC administrative practices and procedures; knowledge of accounting principles; ability to analyze financial data; ability to consolidate material from various sources into a cohesive report; ability to plan and organize work; communication skills — both oral and written; ability to work well with a wide variety of people. Promotion potential to GS-11. Supplement Experience statement, which is required, can be picked up from Sue Cross, Room 208, Bldg. 34.

Announcement No. 34-005, Clerk (Typing), GS-303-3/4, PD No. 7723040N, Code 341 — Applications from status eligibles will be accepted. This position is located in the Applied Photography Branch, Photographic Technology Division, Technical Information Department. Incumbent processes work requests for photographic services, which includes reviewing for adequacy of information, logging, distributing, and tracking; notifies customers of job completion; receives telephone and personal calls; schedules meetings and conferences; makes travel arrangements; requisitions supplies and equipment; receives and distributes incoming mail; types file cards, forms, scripts, scenarios, and texts. Job Relevant Criteria: Ability to type with speed and accuracy; ability to deal tactfully but effectively with all levels of NWC personnel; knowledge of photography and audiovisual terminology and techniques; ability to perform a variety of clerical functions.

Announcement No. 34-006, Librarian, GS-1410-9, PD No. 8024012, Code 344 — This position is located in the Descriptive Cataloging Branch, Library Division, Technical Information Department. Incumbent performs descriptive, subject cataloging, recataloging, and reclassification of the new scientific and engineering books received in the Division. Including those in foreign languages. Establishes authoritative entry, subject headings, prepares cross references. Performs other related duties. Job Relevant Criteria: Knowledge of descriptive cataloging and classification procedures; knowledge of reference sources used in cataloging; knowledge of foreign language equivalents of terms commonly used in library functions.



Recreation Roundup COM, CPO pools remain open for Labor Day holiday

The COM and CPO pools will be open until Sept. 15, when they will close for the winter.

On Labor Day both pools will be open from 11 a.m. until 6 p.m. From Sept. 2 through Sept. 5 the COM pool will be open between 11 a.m. and 7 p.m., and the CPO pool will be closed during those days. CPO members are entitled to use the COM pool during that period.

On Saturday and Sunday, Sept. 6 and 7, the COM pool will be open from noon to 6 p.m., and the CPO pool will be open between 5 and 6 p.m. Starting on Sept. 8, both pools will be closed until Sept. 12 and will re-open from noon until 6 p.m. on Sept. 13 and 14.

CPO pool to close Sat.

The Chief Petty Officers' Club pool will be closed Saturday due to the Club's planned luau.

CPO pool members may use the indoor pool for no additional charge if they present their valid pool tags to the gymnasium attendant at the door.

Aqua aerobics class

Two ladies' aqua aerobics classes will be offered by the Recreation Services Dept. during mid-September.

The first class will be held between 9 and 10 a.m. on Mondays and Wednesdays from Sept. 15 to Oct. 8. The other class will begin Sept. 16 and will run from 1 to 2 p.m. on Tuesdays and Thursdays until Oct. 9.

The classes will cost \$16 each, payable at the recreation coordination office.

Youth swimming class

A youth swimming class for children between the ages of 4 and 12 years will begin on Sept. 13 for eight weeks.

The class, which will be taught by Adrienne Swinford, will run from 10 to 11 a.m. at the indoor pool.

The cost for the eight lessons is \$12 payable to the recreation coordination office.

11TH ND cross country

The 11th Naval District open, senior and women's cross country track meet will be hosted by the Naval Air Station, Miramar in San Diego on Sept. 17.

Military personnel interested in this competition must contact the gymnasium office at ext. 2334 today.

Women's softball tourney

The fourth annual women's three-pitch double elimination slow-pitch softball tournament will be held Sept. 6 and 7 at Arvin, Calif.

The tournament, which costs \$75 per team, is sponsored by the Bear Mountain Recreation and Park District.

Men's softball tourney

A men's double elimination slow-pitch softball tournament is scheduled for Sept. 13 and 14 at Arvin.

The cost for the tournament, which is sponsored by the Bear Mountain Park and Recreation District, is \$85 per team.

Contact the gymnasium office for further information about either the men's or women's slow-pitch tournament.

11TH ND over-the-line

The 11th Naval District men's and women's over-the-line championships are slated for Sept. 20 at the Naval Air Station, North Island in San Diego.

All interested military players should contact the gymnasium office no later than Sept. 12 for further information.

Lewis tries for pro baseball despite 'old age'

By Ed Kumferman

Joe Lewis has a problem that most other 22-year-olds won't have to worry about for another 40 years — old age.

Lewis, a 1976 Burroughs High School graduate, has been training and working out to try and break into the pitching staff of the California Angels' rookie league organization in Idaho Falls. Although he is in "the best shape of his life," Lewis will be the first to tell you it's an uphill battle because of his age.

"I realize I'm bucking against the system," said Lewis, who was a high school All-American and the Golden League's most valuable player his senior year. "Scouts are looking for young guys that throw hard."

Lewis found this out the hard way earlier this year when he was promised a contract for the Idaho Falls team, but the southpaw was passed over at the last minute for a younger, faster pitcher.

"I had my bags all packed and was ready to report any day when I got the word that I was passed over for a 17-year-old from San Francisco who throws 'heat,'" Lewis said. "From now on I don't take anything for granted, and I just keep on working hard."

And work hard he does. Three times a week Lewis will run three miles, lift weights for two hours and throw 120 pitches so no muscle bulk will form on his pitching arm. In addition, he travels to Alhambra every Sunday to pitch for the Angels' team in the instructional league, which is made up of "college players looking for a place to go."

"I'm looking for that one break, and when it comes I have to make the most of it," said Lewis, who averages two strikeouts per inning in the instructional league. "I want to be in the best shape I possibly can so if my chance is blown, I won't have anyone else to blame but myself."

Lewis said because of his age he would only get one break compared to a younger player, who has a chance to sign on with another team if he's cut the first time.

"Once I get a contract, it's do or die," Lewis said. "If I'm cut, I'll be blacklisted from other teams because of my age."

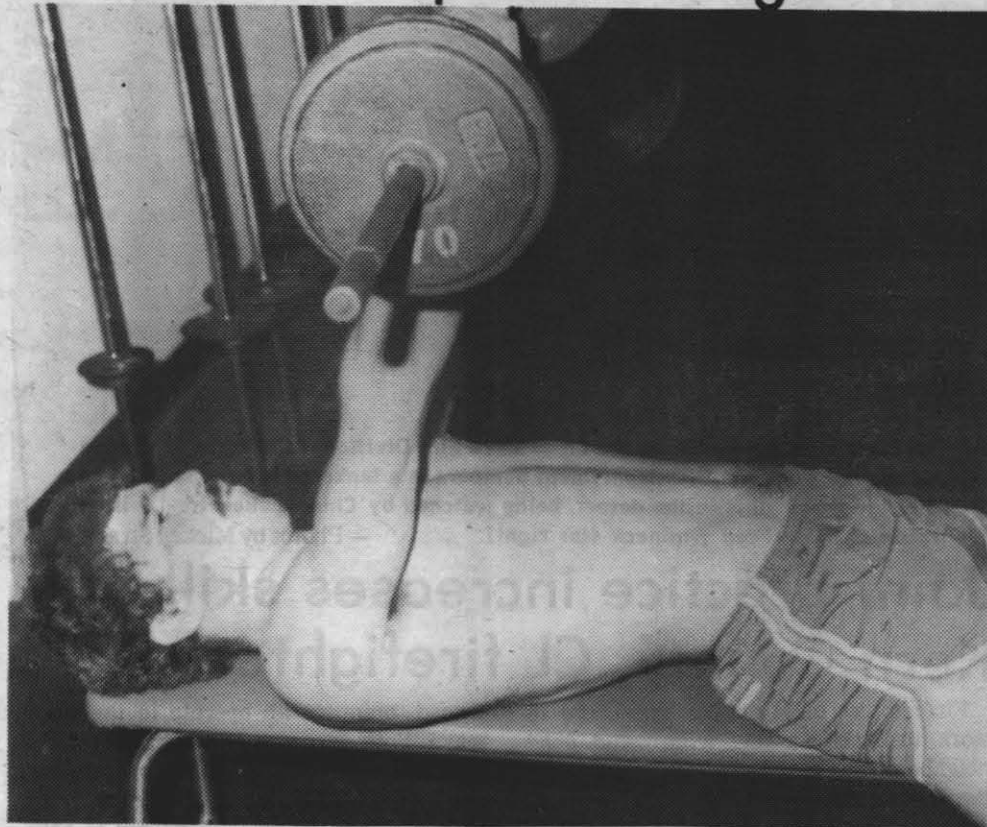
PROVES SCOUTS WRONG

Lewis has shown that the scouts aren't always right when it comes to old age. Since he started his training program, Lewis has increased his pitching speed, and the scouts say that can't be done at his age.

"Most scouts feel when you hit 21 you've hit your prime and won't get any faster," Lewis said. "But three times a week I'll go out with Jerry (his twin brother) and throw as hard as I can from 60-70 yards away, and that has increased my pitching speed about two or three miles per hour."

Because of the pitching experience he's had, Lewis doesn't see his age as a handicap. Instead, he says it helps his fast ball to appear faster.

"I realize I'll never be able to throw consistently at 90 miles per hour (he has been clocked at 87 m.p.h.); that's an ability



KEEPING FIT — Lifting weights at the Center gymnasium is one of the ways Joe Lewis keeps himself and his pitching arm in shape in case he is summoned to the California Angels' rookie league baseball team in Idaho Falls.

you have to be born with," Lewis said. "Since I don't have overpowering speed, I have to do a lot more thinking than a fast ball pitcher to get people out. If I can mix up my pitches and set a batter up with a curve ball, that will make my fast ball look that much faster."

TAKES GOOD CARE OF ARM

Although Lewis is listed on paper as being 22 years of age, he has the arm of a much younger ballplayer due to the years of special, individual treatment he has given his arm.

"I treat my left arm like it's a brand new car," Lewis explained. "When I finish pitching I'll soak my arm in ice for 30 minutes to stop the swelling, and during a game I'll always put a jacket on if I'm not pitching to keep heat in. That reduces the possibility of me getting tendonitis in my arm."

Lewis continues to "overbaby" his arm away from the field by using his right arm to do things as much as possible after pitching and by constantly being aware of what's around his left arm. As a result, Lewis has never had any serious arm injuries throughout his career, including the two years he spent pitching for the Antelope Valley College team.

Although Lewis knows "in my own heart" he has what it takes to make it as a big-league pitcher, he also knows time will throw a few curves into his future plans.

"My goal right now is to sign a contract to tryout at the Angels' spring training camp next April," Lewis said. "No one's ever said I'm not good enough to play professional baseball, but realistically, if I don't get a

shot to go to camp next year, I might as well hang it up. I am confident I will sign a contract this year, though."

In the off-season Lewis will work on his bachelor's degree in criminology at California State University at Bakersfield to become part of the long arm of the law.

Two local runners place 1st in annual race at Tehachapi

Scotty Broyles and Jerry Mumford both placed first in their respective age groups at the recent Tehachapi 10-km. run.

Broyles recorded a time of 40 min. and 46 sec. and defeated Marvin Powers of Lancaster by over a minute in winning the men's 50 years and over category. Mrs. Mumford was the other local winner with a time of 44:10 in the ladies 30-39 age group, which proved to be the third fastest overall women's time of the day.

Second place finishes went to the father-son combination of Frank and Seamus Freyne. Frank recorded a 36:12 time in the masters category, which proved to be the 12th fastest time of the day. Seamus ran the distance in 44:29 in the boys 12 years and under group but settled for second place when Ross Anderson of the Bakersfield Track Club (BTC) caught him in the last quarter mile for the victory.

Another member of the Over-The-Hill Track Club, Julie Smith, placed third in the women's 30-39 age group.

A total of 261 runners took part in the run, which is sponsored annually by the BTC. Plaques were awarded to the top three finishers in each age group.

NWC winter sports programs to hold planning meetings

Two Naval Weapons Center winter sports programs that will begin in mid-September will hold their organizational meetings next week at the Center gymnasium.

The first meeting of the week, which will deal with the military slow-pitch softball program, is slated for 5 p.m. Wednesday. A meeting dealing with the flag football program is scheduled for 5 p.m. Thursday. Any coaches, managers or interested players may attend these meetings.

Personnel interested in entering teams in these programs should submit their rosters to the recreation coordination office, located next to the Center gymnasium, as soon as possible.

For further information contact the NWC Athletic Dept. at ext. 2334.



FINAL CHECK — Officer Clyde Moore (l.) watches as China Lake Police Chief Ron Nelson takes one final look at the Honda 110 trailbike being ridden by officer Cindy Borba. The two bikes are being used both to conserve gasoline and to reach parts of the Center's ranges difficult to reach with four-wheeled vehicles.

CL Police now use 2 trailbikes for gas conservation, practicality

The China Lake Police Division is sporting two new vehicles that have a total of four wheels between them. To meet needs for a vehicle that can traverse rough country and to conserve gasoline, the Police Division has purchased two Honda 110 trailbikes and initially has qualified five officers to use them.

The bikes will be used when officers patrol the inner range perimeter fences, along the Trona Road, China Lake Boulevard, and the Inyokern Road, and

certain outer range areas on occasion. Trespassing is a concern not just for security reasons, but also because of man-made and natural hazards found in various Center areas that can cause injury or death.

The bikes will also be used to respond to selected calls for service in the main site and adjacent areas and for some traffic control functions.

These Hondas get about 90 miles to the gallon, whereas the patrol vehicles average only 10 to 16 miles per gallon, and the pickup trucks, 12 to 14. Gasoline conservation has become increasingly necessary with fuel allocations to NWC cut and prices rising dramatically.

Hidden under the regulation helmets such as those worn by California Highway Patrol Officers are the friendly faces of Officers Cindy Borba and Clyde Moore.



APPRECIATION EXPRESSED — Bob Hillyer, NWC Technical Director, and Capt. W. B. Haff, NWC Commander, recently presented a Certificate of Commendation and letter of appreciation to Mrs. Mary Bishel recognizing the many technical contributions made by her late husband, Kenneth. The 26 years that he spent at NWC were marked by his creativity, originality, commitment and competence as evidenced by papers he published, analyses and evaluations he performed, and the wide range of projects on-Center and in industry for which he served as a consultant.

AKAN Gina M. Staab selected as NWC Sailor of Month for July

Aviation Storekeeper Airman Gina M. Staab has been selected as the Naval Weapons Center's Sailor of the Month for July.

AKAN Staab joined the Navy in January 1979 and reported to NWC in May that same year. While stationed here she has been assigned to the Aviation Supply Division. Her first assignment was to the Supply Response Section where her responsibilities included processing supply requisitions from both NWC Aircraft Department and VX-5.

Airman Staab's current assignment is in the Programs Management Branch where she maintains outstanding requisitions for NWC and VX-5.

According to her supervisor, Lt. Martin, who wrote the nominating letter, AKA Staab "has demonstrated a unique ability to perform her assigned duties and achieve outstanding results regardless of the difficulty of the assignments."

The letter continued to praise Airman Staab's friendly, positive attitude and responsible manner stating that "her positive attitude of doing the job correctly the first time has improved the effectiveness of the Aviation Supply Division."

AKAN Staab is single and a native of Sioux Falls, South Dakota. She finds the China Lake area enjoyable, "except for the heat." She hopes her next tour of duty will

File candidacy for 1980/81 degree now says Training Center

All students planning on completing requirements for either a bachelor's or master's degree under the California State College Bakersfield External Degree programs by the end of the fall quarter 1980, or winter or spring quarters 1981 should file for graduation now.

Students whose forms for graduation are received and processed by CSB by Sept. 12 may be exempt from a requirement to take an upper division course in English composition that has been mandated system-wide for the California colleges and universities.

The requirement for English competency now mandated for anyone receiving a degree from a California college or university can be met by such an upper division composition course or equivalent course or by successfully completing a three-hour examination.

bring her to Adak, Alaska, stating that she likes the snow.

Airman Staab admits she likes China Lake's convenient location. It isn't too far from Riverside so that she can see her boyfriend from time to time.

After her tour in the Navy, Airman Staab



AKAN Gina M. Staab plans to attend a mortuary college somewhere in California, perhaps San Francisco.

Starting this fall, AKA Staab has scheduled two classes for herself through Cerro Coso Community College; one class is in political science and the other is in economics. On her off-duty hours she likes to "utilize her green thumb" and has several plants growing in her quarters. For relaxation she enjoys listening to rock and roll music.

As a result of her selection as Sailor of the Month, AKA Staab will receive a 96-hour liberty and no duty status for 30 days. She will also receive an NWC plaque, and an official letter of commendation signed by Capt. W. B. Haff, NWC Commander, will be placed in her service jacket.

Dr. St. Amand leads earthquake seminar in B'field Sept. 5

Dr. Pierre St. Amand, head of the Earth and Planetary Sciences Division of the Research Department, will be the keynote speaker of a seminar entitled "Earthquakes, a Danger to Everyone — Everywhere," to be held on Friday, September 5.

The seminar is sponsored by Cal State Bakersfield Division of Extended Studies, and will be held on the college campus, 9001 Stockdale Highway, Bakersfield. Cost for the all-day seminar, which includes lunch and refreshments, is \$35 for those seeking college credit and \$14 for non-credit.

Dr. St. Amand will be joined by eight other experts who will discuss the likelihood of earthquakes in Kern County, the effect of earthquakes on building structures, emergency services available, and planning regarding the effect of potential earthquakes.

Anyone seeking additional information or wishing to enroll should telephone the Cal State Bakersfield Division of Extended Studies, (805) 833-2207, prior to the day of the seminar.

Free immunizations slated Mon., Sept. 8

Local children from 2 months through 17 years of age will have an opportunity to receive free immunizations (DPT, polio, measles, German measles, and mumps) on Monday, September 8. The shots will be given between 9 a.m. and 3 p.m. at the Kern County Health Department, 250 W. Ridgcrest Boulevard, Ridgecrest.

Parents or legal guardians must accompany the children to sign legal consent slips.

Supply Dept. meets needs of local military community

If, as Napoleon said, an army travels on its stomach, the Navy is not far behind in its concern for food.

That concern, at the Naval Weapons Center, is well met by an outstanding Enlisted Dining Facility—one that has won the 11th Naval District honors in the coveted Ney Award competition for outstanding food service operations two years in a row and which this year saw the local operation win the second place award in the Navywide finals.

The Enlisted Dining Facility (which includes the galley mainline and the galley at Armitage Airfield) is operated by the Food Service Division of the Supply Department.

Lt. John Martin, head of the Food Service Division, credits MSCS Rogelio del Parto and his team of mess management specialists for the superb operation of the two galleys. This team is comprised of a crew of 18 mess management specialists and 6 personnel assigned TAD to the division, along with a civilian contractor headed locally by Mrs. Bernice Hicks who are responsible for the cleanliness of the dining facilities and the associated equipment.

The 18 mess management specialists not only cook, but also keep records of



ALL-AMERICAN FAVORITE—MS3 Robert Gomez, an assistant watch captain, readies a tray of hamburgers to feed a hungry crowd at the Enlisted Dining Facility. —Photo by PHAN Doug Matthews

Box lunches are packed for military personnel who are on the ranges or otherwise unable to come to either galley for meals.

The only bakery product not made in the galley is bread; oven capacity is too limited for that. Dry and frozen foods are requisitioned monthly from Tracey, Calif.; fresh foods are brought in weekly from Alameda Naval Air Station; a few items are purchased from local contractors.

Military men and women eat for an average daily cost of \$3.38 a person. This amount is so low because waste is kept to a minimum, and by careful planning. Food items may not be removed from the galley, but anyone can have seconds (or even thirds, for the super hungry.)

Food is prepared by two cook watches. Cooks work an average of 7 days out of 14, but when they work, their hours are long. Regular cooks in the mainline galley are on duty from 4:30 a.m. until 7:30 p.m., and, at the annex, from 6:30 a.m. until 4:30 p.m. Bakers are hard at work by 1 a.m. daily to bake hot pastries for breakfast.

The local NEX sold nearly \$4,000,000 worth of goods during its last fiscal year running from February through January.

Local NEX facilities include the retail store and minimart in Bennington Plaza, the barber shop at the airfield, the service station and personalized services store on Richmond Road, five food service facilities (Salt Wells, Aerodrome, Plaza, bowling alley, and Michelson Laboratory), and 240 vending machines. Fifty-seven employees run the operations; five of the 57 are supervisors.

The NEX system was developed to provide low-cost, quality items for its users who are active duty and retired military men and women and their dependents, and reserves on active duty. The NEX, however, has to pay its own way, and the only government subsidy is the salary of the military officer in charge.

PROFITS BENEFIT USERS

Profits made by the NEX also benefit the users directly because half the profit is sent to Chief of Naval Personnel for capital improvements to NEX facilities and new

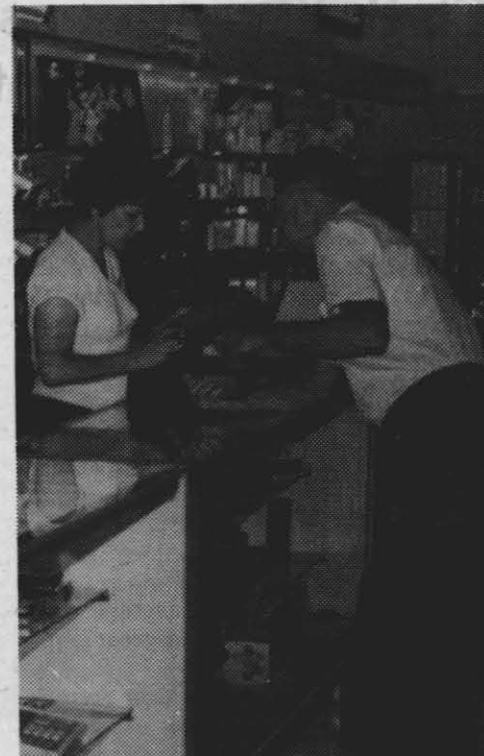
first Thursday of each month at 1 p.m. in the Community Center.

Also reporting to the local Director and Deputy Director of Supply for liaison and coordination purposes is SHCS B. G. Smith, head of the Commissary Store on Center. Similar to the local NEX arrangement, the NWC Commissary Store actually comes under the management responsibility of the Navy Commissary Store Region, San Diego.

As with the NEX, the primary reason for the Commissary Store operations is to benefit military personnel and their families at China Lake by providing a range of essential, low-cost, quality food products for its patrons.

Savings to the Commissary customer are achieved by low food markups, by the volunteer price reduction program (passing on to customers immediately any cut in price made by a vendor), and the sale of some essential food items below cost. Milk and dairy products, considered subsidized items, are sold below cost, and red meat is sold at the same price as charged by the San Diego commissary stores without adding the cost of shipment to China Lake.

Commissary markups must be enough to pay for bags, cleaning supplies and



FRIENDLY ADVICE—Clerk Rosemary Brant helps customer Charles Huntley with a camera problem in the Navy Exchange retail store.

necessary contracts. Salaries for the employees are paid from appropriated funds. SHCS Smith manages the store with military personnel and 13 Civil Service employees. These employees are supplemented by several "baggers" at the check stands who work for tips.

Although this is a small commissary with only about \$205,000 gross business per month, it carries basically the same range of goods as in larger stores with the exception of a smaller assortment of brands for each item sold.

Shelves show the cosmopolitan tastes of military personnel—foods as exotic as dried mangoes and chutney share space with salsa, spaghetti sauce and plain baked beans.

Items not ordinarily carried can sometimes be special-ordered. Also, for those who wish to stock their freezers, the store will provide "boxed beef," but the butchers point out that buying meat by the cut is sometimes more economical than buying a quarter or half of beef because bulk beef includes large bones, and paying meat prices for a five to seven pound bone may result in an overall loss rather than saving on usable meat.

As with the NEX patrons, people who have questions concerning Commissary Store operations are invited to ask questions or make comments at the Navy Exchange and Commissary Store Advisory Board meetings, either in person or through their delegated representative. "We welcome their comments," states SHCS Smith.



STOCKING—Mark Ahlemeyer, a stock-boy, loads pet food on Commissary Store shelves as well as food for the pets' human owners.

provisions and finances, serve as substitute issue room storekeepers keeping track of the food products stored in three warehouses, and rotate assignments with mess management specialists in the BEQ and BOQ to equalize training opportunities. (These other mess management specialists are assigned to the Military Administration Department.)

Heart of any mess, naturally, is the quality and quantity of food served. The main galley serves about 500 meals daily for a total of nearly 16,000 a month. That the food is good is attested by the ever-increasing numbers of meals served—nearly twice as many now as in 1978.

Menus are written locally. The limitations on foods prepared are two: there is a limit on the amount of beef that can be used, and the mess operation must be able to pay its own way.

MSCS del Parto keeps close track of how well each food item is accepted and tries to provide a wide variety of foods to suit all tastes (and to give personnel a chance to try different foods).

HELPS DIETERS

To help personnel who are watching their weight, a soup and salad bar is set up. Over each food item also are listed standard serving size, number of calories, what the food is, and who prepared the food item.

The Armitage Airfield galley is open from 9 a.m. until 2 p.m. weekdays, during which about 180 meals are served consisting of fast food items and the special of the day.



CUSTOMER SERVICE—The Navy Exchange gasoline station building also houses the Personalized Services Store—a facility that meets a wide range of patron needs. —Photo by Ron Allen

Not part of the Supply Department, but reporting for liaison and coordination purposes to Capt. Killoran and Cdr. Gaines are two other functions that deal with human needs—the Navy Exchange and the Commissary Store. These two operations recently were consolidated at the Bennington Plaza to provide patrons with one-stop shopping.

BRANCH OF MAIN NEX

The Navy Exchange—technically the Navy Resale and Services Support Office—comes under the Navy Resale System Office (NAVRESO). The local Navy Exchange is a branch of the main exchange, Navy Support Activity, Long Beach and comes under them for basic management and responsibility for the local operation.

The NEX is managed by a supply officer (locally by Ltjg. Rick Feauto who recently relieved Lt. Bob Boyd), and staffed by a civilian staff. (Many NEX employees are military personnel who are moonlighting; they are always welcome because they are excellent workers.)

operations, and the other half is given to local Command for welfare and recreation services.

In keeping with holding prices down, the amount that merchandise can be marked up is limited and depends on the individual item. Markdowns can be done in each store to use those goods as sale items. All NEX facilities, however, operate on a "never undersold" policy whereby the NEX will match or beat prices on standard goods sold in local stores.

Business is dramatically increasing in the local retail store because of new merchandizing policies whereby the Long Beach store overstocks so that a wider variety of clothing can be sent to the NWC store. Men's clothing sales have doubled, women's have increased five times, and even children's are up one and a half times.

Anyone who has a question about the NEX operation or who may want to comment about it is invited to attend meetings of the Navy Exchange and Commissary Store Advisory Board (composed of members representing NEX clientele) held on the

Computer technology seminar shows current, future trends

Members of the Technical Planning Board and other top management officials of the Center attended a three-day intensive executive seminar on computing technology last week. Parts of this same seminar will be available to other interested Center personnel through a distinguished lecture series to be announced later this fall.

The seminar was designed to provide an insight into present computing technology as well as potential future trends, with subject matter ranging from the automated office to computer security.

Three of the seminar leaders, for instance, have access to electronic mail and could discuss how well such a system works from a practical as well as a theoretical standpoint.

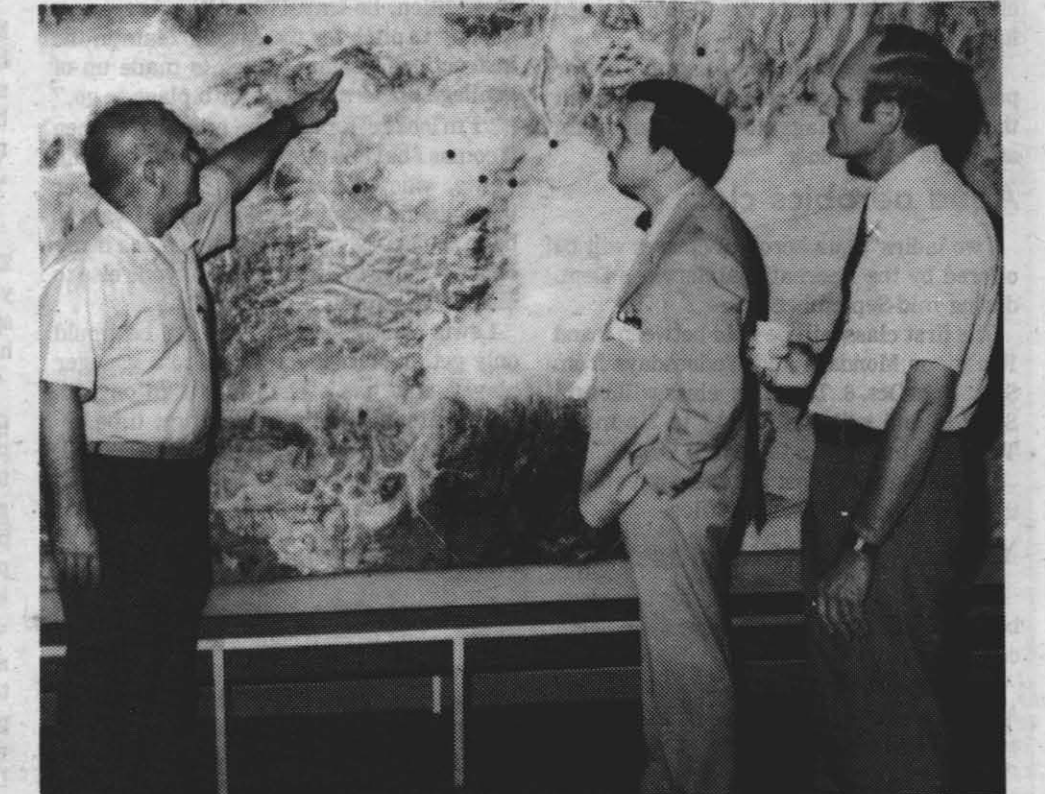
Emphasis was placed on the requirements and difficulties of the computer programming task, and the need for ADP evaluation, measurement, and configuration control as they apply to computer hardware and software.

Special attention was also paid to the regulatory environment in which the acquisition of computing goods and services must be accomplished.

The seminar was held at NWC rather than away from the Center to cut travel costs,

but the seminar agenda was intensive enough so that the dinner sessions and social hours were considered to be on the agenda and no time was allowed for attendees to accomplish their normal jobs simultaneously.

Presenting the seminar were Dr. John H. Manley, Head of Computer Operations for the International Telephone and Telegraph Company; Dr. Bernard A. Galler, Professor of Computer and Communication Sciences and Associate Director of the Computing Center, University of Michigan; Dr. Howard L. Morgan, Professor of Decision Sciences at The Wharton School of the University of Pennsylvania; John H. Reynolds, Computer Programming Division, Naval Surface Weapons Center in Dahlgren, Va.; Robert W. Edwards, Manager, Security Engineering Department, Computer Sciences Corporation; Dr. Randall W. Jensen, Senior Scientist, Computer Laboratory in the Defense Systems Division Space & Communications Group, Hughes Aircraft Co.; Dr. George A. Bekey, Professor of Electrical Engineering and Computer Sciences, University of Southern California; and Dr. Walter J. Karplus, Professor, Computer Science Department, University of California Los Angeles.



CHECKING OUT THE AREA—Col. Erin D. Smith, USMC, an attendee of the Executive Seminar on Computing Technology, points out an interesting feature of local geography on the relief map in Michelson Laboratory to two of the seminar leaders, Robert Edwards of the Computer Sciences Corporation and Dr. John H. Manley from Johns Hopkins University. —Photo by Ron Allen

QF-86F goes to Pt. Mugu . . .

(Continued from Page 1)

6126 personnel. In addition, the Aircraft Support Division handles all engine inspections and tests before the power plants are installed in the aircraft so they can be flown to Palmdale.

A quality assurance staff, led by ATCS John Bozory, inspects each stage of the buildup and, after acceptance, each aircraft is maintained in accordance with all Navy standards.

Acceptance testing of the FSATs comes under the cognizance of Code 3925. Ron Wilson, an engineering technician, is responsible for acceptance of the converted aircraft from the contractor, while Dean Miller, an electronics technician, is responsible for acceptance of the Aircraft Interface Unit (AIU) that was designed and developed at NWC and is being produced under a contract awarded to Pacific Aero Systems of San Diego.

Walter Beebe, an electronics engineer, is responsible for configuration control on the production contracts and development of system technical manuals.

Each production model of the QF-86F is checked thoroughly during a series of flight acceptance tests before the FSATs are judged ready for use in their role as missile

targets. Key personnel who assist the RPV Technology Branch in this final approval of the drone aircraft are Harlan Reep, stellar drone controller, who heads the Target Operations Branch; Ens. Dennis Eberhart and AMCS R. L. Brant of the Targets Maintenance Branch; and Lt. Dave Leedy, aircraft safety pilot. Ground control station operation is the responsibility of Target Instrumentation Branch personnel and Motorola representative John Haynes, ITCS station operator.

It takes from four to six weeks to complete the flight acceptance tests that are necessary to insure that an RPV is ready for use. At this point, it is assigned either to NWC or to PMTC, Pt. Mugu, or placed in the Naval Air Systems Command's drone storage facility at China Lake.

A number of other Centerites who have been involved in the development, but not the production end of the QF-86F, are John Owens, system design engineer; Larry Smith and Dave Kurdeka, project engineers; and Hal Schmeer, project technician. The RPV Technology Branch is presently working on another type of target aircraft—a drone version of the F-4 Phantom, the QF-4 full-scale target.



LINED UP—A pumper from the China Lake Fire Division waits to replace one of the two Kern County Fire Department pumps in a tanker shuttle practice. The "fire" in this drill is in the desert, being watched by China Lake Fire Division training officer Fred Whitnack (far right). —Photos by Mickey Strang

Joint practice increases skill of Kern County, CL firefighters

Firefighters in a remote area need to work together. In line with being good neighbors, the China Lake Fire Division and the Kern County Fire Department regularly schedule joint practices to learn to use each other's equipment and pumps, and to learn to function together smoothly so that in an emergency they can function as one.

Practices are held both in town and on the Naval Weapons Center because either department may be called upon to help the other.

The China Lake Fire Division, for instance, has assisted in fighting large local fires such as the one that destroyed the K&R Market and a local lumberyard. When the county firefighters have to answer a call many miles from Ridgecrest, an NWC pumper may be called upon to stand by at the Kern County fire station to protect local residents in Ridgecrest until the county fire equipment is back.

Joint training in town usually involves practices using pumps, hydrants, laying out of hose lines and equipment. Joint training on the Center usually involves learning how to handle aircraft fires.

Several times yearly the China Lake Fire Division shows KCFD the latest Navy films on fighting aircraft fires and conducts training drills on pilot rescue.

A mutual aid agreement ensures that equipment is compatible: fire hoses are similar, nozzles use national standard



TIE-IN—Kern County Fire Department Capt. Dennis Thompson checks connections tying one of the pumps that shuttled back and forth from the fire hydrant to the pumper pumping water on the "fire."

thread, pumps all operate in the same way. Both groups of firefighters are qualified under the national professional qualifications standards. The joint practices increase the professionalism of both. Practices are held at varying times so that the crews on the Center and the crews in town all have a chance to work together and get to know each other.

In the joint practice held at Faller School, recently, one pumper from NWC joined two from the county in operating a tanker shuttle. One pumper served as a stationary source of water, pumping water through both sizes of hose to give firefighters a chance to operate a couple of different kinds of nozzles. A second pumper pumped water through the first pumper, while the third was filling up at hydrant about eight-tenths of a mile away.

Each of the KCFD pumps can carry about 1,000 gallons of water that can immediately be brought to bear on a fire through either a 1½ inch hose at a rate of 95 gallons per minute or the larger hose at about 200 gallons per minute. A tanker shuttle means that homes in a remote part of town where hydrants are spread further apart than the 660 feet prevailing in most of the community will also be well protected from flames.

Prelim. copies of classification hndbk. should not be used

The Personnel Department reminds supervisors of scientists and engineers and Heads of Staff that the Classification Handbook (AdPub 234) dated August 1980 recently distributed to them is the only official copy authorized for use in preparing and classifying Personal Activities and Capabilities (PACs) for scientists and engineers.

The PAC Coding Sheets contained in that handbook are the only Coding Sheets that should be used in preparing PACs.

A preliminary copy of the handbook was distributed to all employees during the Demonstration Project training sessions; the preliminary copy should not be used.

Those seeking further information about the Classification Handbook should contact their department Personnel Management Advisor.

FEW annual meeting slated for Sept. 11

The annual membership meeting of Federally Employed Women (FEW) will be held on Thursday, Sept. 11, at 11:30 a.m. in the Sidewinder Room of the Community Center.

The organizational structure of FEW will be presented, its goals discussed, and its relationship to the Federal Women's Program discussed.

Attendees may take advantage of a Dime-a-Dip potluck, or may bring a brown bag lunch.

All Federal employees and residents of the local area are invited to attend.