



FESTIVE LUAU PLANNED — The Chief Petty Officers' Club patio will be the setting for a gala luau that will be staged on the evening of Saturday, Aug. 29. Entertainment for this festive event will be provided by Tiara Productions, Inc., of Huntington Beach, Calif., whose colorfully costumed singers, dancers, and musicians will be featured. The price of \$15 per person covers the cost of the entertainment and a Hawaiian-style buffet or the prime rib beef entree that also will be served. Tickets can be purchased now at the CPO Club office.

Children's Center offers varied enrichment programs for youth

The Recreational Services Department's Children's Center will offer an enrichment program for children three years through five years of age this fall, beginning on Tuesday, Sept. 8.

This will be a structured developmental program with the goal of helping children in their total development — physically, socially, emotionally and intellectually.

The program will include experiences that develop pre-reading and pre-math skills. Additionally it will offer science experiences, music and stories to aid in language development, and creative experiences and perceptual motor development.

The Senior Enrichment Program will be offered to four and five year old children on Monday, Wednesday, and Friday mornings

and Monday, Wednesday, and Friday afternoons. The morning sessions will run from 7:30 to 11 o'clock and the afternoon sessions are scheduled from 1 to 4:30. The classes will be limited to 12 children.

There also will be a Junior Enrichment Program for three year olds on Tuesdays and Thursdays from 7:30 to 11 a.m. This children's class will be limited to 10 children.

Colleen Hill, who has been on staff at the Children's Center for one year, will be in charge of the program. She holds an associate of arts degree in Early Childhood Development and has seven years experience working in preschools.

Parents interested in having their children attend this program may call Polly Ferraro at NWC ext. 2735 for more information and for registration.

Auction of surplus government property scheduled on Sept. 1

An auction of surplus government property will be held on Tuesday, Sept. 1, at the Defense Property Disposal Office (Warehouse 41), on the Naval Weapons Center.

Beginning on Monday, the more than 178 items to be offered for sale will be on display at Warehouse 41 on weekdays between 7:30 a.m. and 2:30 p.m. From the NWC main gate, Warehouse 41 can be reached by making a left turn off Sandquist Road at the first blacktop street just north of the guard gate.

Up for sale to the highest bidder will be such things as evaporative coolers, oscilloscopes, voltmeters, tube testers, motion picture projectors, typewriters, electron tubes, plumbing supplies, desks, shelving, juke box, automotive parts, pickup trucks, arc welders, fuel tanks and tires.

Registration for the auction will begin at 8 a.m. at Warehouse 41 on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted.

Items purchased may be removed on the sale date provided full payment is made. Personal checks will be accepted.

Successful bidders will have until Sept. 9 to pay for and remove property before storage charges are applied.

Because the Defense Property Disposal Office is located within the interior security fencing of the Naval Weapons Center, prospective bidders must stop at the main gate and get a pass before coming aboard.



AUGUST 21	
FRIDAY	"FRIDAY THE 13TH"
	Starring Jeananne Taylor and Robbie Morgan (Horror-drama, rated R, 95 min.)
SATURDAY, WEDNESDAY	AUGUST 22, 26
	"THE COMPETITION"
	Starring Richard Dreyfuss and Amy Irving (Drama w/ music, rated PG, 126 min.)
SUNDAY	AUGUST 23
	"THE WILD ONE"
	Starring Gene Hackman and Barbra Streisand (Comedy, rated R, 88 min.)
TUESDAY	AUGUST 25
	2 p.m. Matinee "BENJI"
	Starring Peter Beck and Benji (Adventure, rated G, 86 min.)
THURSDAY	AUGUST 27
	2 p.m. Matinee "PETE'S DRAGON"
	Starring Helen Reddy and Mickey Rooney (Drama w/ music, rated G, 104 min.)
FRIDAY	AUGUST 28
	"AMERICAN POP"
	Starring Ron Thomas and Marya Small (Animation, rated R, 96 min.)



BUSY YEAR AHEAD — New officers of the Women's Auxiliary of the Commissioned Officers Mess are (l.-r.) Helen Estell, secretary; Madeline Dienhart, president; and Vivian Wright, vice president. Pat McCarthy, treasurer, was unable to be present for the photo.

—Photo by Ralph Halcomb

WACOM selects '81-82 officers; prepares for fun-filled year

Officers and board members of the Women's Auxiliary of the Commissioned Officers Mess have an active and fun year ahead planned for members and potential members of WACOM.

The first event scheduled will be the annual membership coffee on Tuesday, Sept. 8, from 9:30 to 11:30 a.m. at the COM. All women who are military officers or who are civilian employees eligible to join the COM, or wives of military officers or civilian employees eligible for COM membership are invited to attend to meet WACOM members and hear about the activities of the organization.

Apart from strictly fun-filled meetings and parties, the group sponsors the Thrift Shop and strongly supports the COM. The organization also provides an excellent way for new personnel to meet and to get acquainted with those in the community.

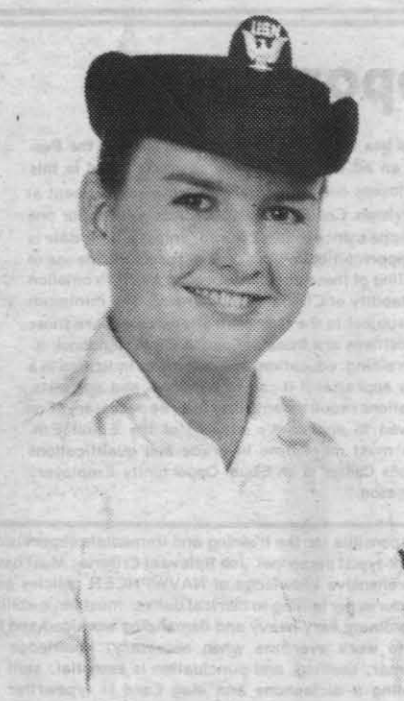
Meetings take place at lunch on the second Tuesday of each month. Programs scheduled for the year include: October, "Ed diamond in Concert;" November, "Fall Fashion Show;" December, a special

Christmas program; January, "Wendy Ellen presents 'Working Girls'"; February, Flory Kimber and Dick Hilleary will sing, accompanied by Frank Pacino at the piano; March, "Martin Marionettes"; April, Clair Wilcox singing ballads and show tunes; and May, the annual installation of officers.

Officers for the new year are Madeline Dienhart, president; Vivian Wright, vice president; Helen Estell, secretary; and Pat McCarthy, treasurer.

U.S. Government Printing Office:
1981—No. 39

From:	PLACE STAMP HERE
To:	



AC3 Theresa M. Jones

AC3 Jones is Bluejacket of Month for NWC

Air Traffic Controller Third Class Theresa M. Jones has been selected as the Naval Weapons Center's Bluejacket of the Month for July.

Senior Chief K. D. Savary, in his letter of nomination for AC3 Jones, says that she has demonstrated exceptional leadership and training talents that are normally expected of a higher rated and experienced person.

The letter continues, "Her determination, devotion and dedicated application of personal drive has resulted in her obtaining rapid qualification within the control tower without the benefit of any formal school training."

"Petty Officer Jones has taken the initiative in the training of subordinates and of non-qualified newly reporting senior personnel. She is able to take charge, control and direct the activities of the control tower, molding it into a professional cohesive team."

"She integrates training of personnel so that they feel a part of this team, working for the common goal of a safe, orderly and expeditious flow of air traffic. This is truly indicative of her sustained superior performance of duty," Senior Chief Savary wrote.

(Continued on Page 3)



August 21, 1981

Vol. XXXVI, No. 33

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Prototype of Automated Technical Info Processing System installed on Center

Office automation has come to the Naval Weapons Center. The first workstations of the prototype ATIPS — the Automated Technical Information Processing System — are being installed this month in 62 offices within NWC.

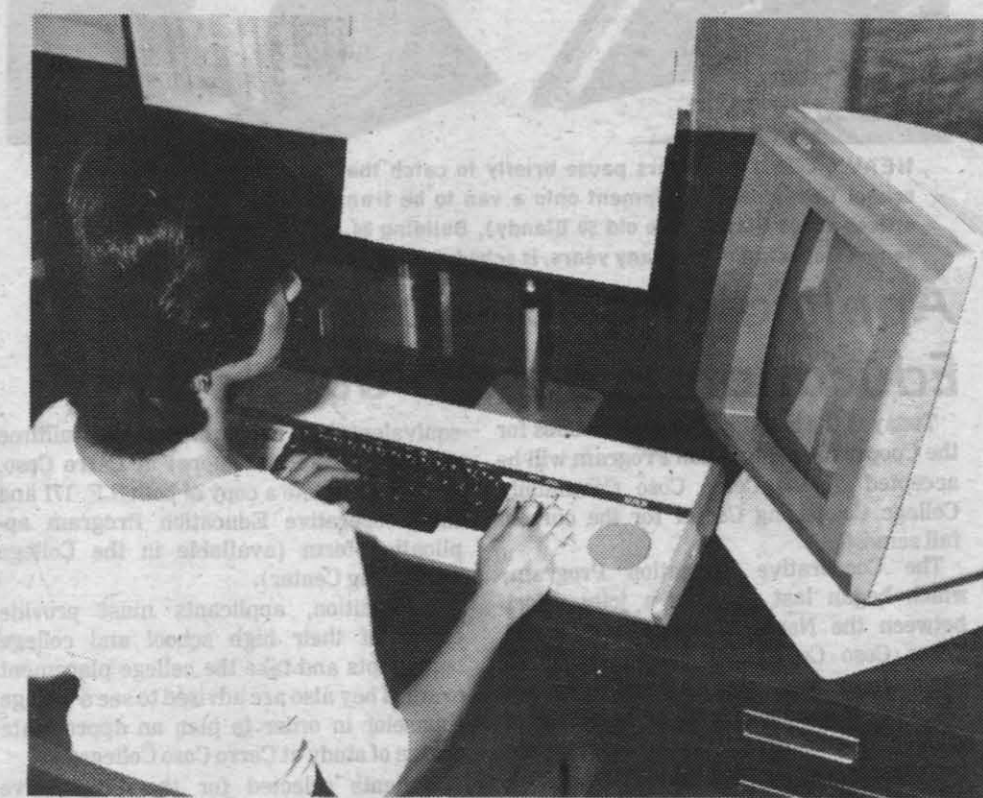
ATIPS is expected to cut paperwork and simplify communication between users, thereby allowing scientists and engineers more time to devote to their technical responsibilities.

The decision to explore the use of an office automation system was made by Bob Hillyer, NWC Technical Director, in July 1980.

ATIPS will be implemented in two major stages. A prototype system is now being installed to determine the hardware and software requirements that will meet the office information needs of the scientist and engineer. With the data collected from the prototype system, a competitive request for proposal will be written for the second stage of ATIPS — the design and installation of a Center-wide office information system, specifically tailored for NWC.

The Center-wide ATIPS, when fully operational in late 1986, will support over 2,000 professionals in performing their administrative and technical functions. It is expected that the ATIPS workstation will be as indispensable a working tool as the desk calculator and typewriter now are to the scientist, engineer, administrator and clerical worker.

Stubs and travel orders are expected to be routed electronically through the system for necessary approvals rather than having to be hand-carried. Directives (such as the NAVWPNCENINSTS) can be stored and updated in one central location and called



NOW IN USE — One of first Xerox units leased for the Automated Technical Information Processing System (ATIPS) is installed at the Thompson Lab where Verna Branson of the Systems Simulation Branch in the Electronic Warfare Department is putting it to use.

— Photo by Ralph Halcomb

up electronically rather than being kept in hard copies throughout the Center. Messages, memos and technical documentation-correspondence can be sent via electronic mail rather than through the guard mail. If a hard copy of some item is needed, centrally located printers can produce such hard copy quickly.

Instead of playing telephone tag — being

bounced back and forth several times before both parties catch each other in — a user can relay the full message through ATIPS and have it waiting at the recipient's terminal.

Computer conferencing is expected to be part of the Center-wide ATIPS. Meetings can be held without the participants having

(Continued on Page 5)

Portable air traffic control tower in use at airfield



TEMPORARY TOWER — This prefabricated portable air traffic control tower located in the gun butts area of Armitage Airfield serves as the Center's air traffic control tower while the permanent facility is being renovated and new equipment installed.

That strange small structure sitting in the gun butts area of Armitage Airfield is now functioning as the Center's air traffic control tower. This is not the result of a cutback in operations, but means that the regular control tower is now undergoing a complete renovation and modernization.

Renovation of the permanent tower has been in the planning stage for nearly a decade. This year funding became available from both the Naval Air System Command and the Naval Electronic Systems Command. An amount in excess of \$100,000 will be spent to upgrade the tower and its equipment.

Among the new equipment being installed are OJ 314 communications consoles like the ones that have recently been replaced in the Range Control Center.

The work is being done by a combination of military, Public Works Department, and contractor personnel. It began the first week of August and is expected to be completed in October.

While work on the permanent tower is proceeding, all air traffic is being handled in a 32-foot high Marine Corps portable tower, one designed for combat operations. The tiny tower has room for only two air controllers at a time — two slim air controllers, considering all the communications equipment that is packed into the small space.

Although there are only two controllers on duty at the time in the tower, this is still adequate to continue the Center's emphasis on maximum safety.

Operation of the Center's air field presents unique problems for the controllers. Not only do they need to consider the conditions required for safe testing of weapons systems, but they must control aircraft, around the field, that are in close proximity to the ranges.

"Upon completion of the tower renovation, we anticipate vastly improved services to the aviation community," LCDr. Ken Peters, operations officer at Armitage Airfield, said.

The portable air traffic control tower, a prefabricated unit, was set up by a seven-man team from Marine Air Traffic Control Squadron 38, based at the Marine Corps Air Station (Helicopter) in Tustin, Calif.

The crew that is here to maintain and repair (if necessary) the equipment in the miniature control tower includes four communications repairmen, a generator electrician, a refrigeration mechanic and a staff sergeant, who is in charge of the detail.

For the first week of its operation, electric power for the portable air traffic control tower was provided by standby generators. Electric power lines have since replaced the generators.

Weekend Roundup

This weekend, rock concert enthusiasts don't have to travel to the Los Angeles area. "New Dynasty," a rock music group from Hollywood, will be appearing in Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest tomorrow night at 7.

Also appearing as back-up groups for this rock concert are "Metro Hotel" and "Quick Attack." Advance tickets are available at The Entertainer, located at 229 N. China Lake Blvd.

Tickets are priced at \$7.50, and, when purchased from The Entertainer, a free rock 'n roll album accompanies the New Dynasty admission ticket. Tickets may also be purchased at the door tomorrow night. Refreshments will be available at Joshua Hall.

A benefit air show for the San Diego Aerospace Historical Center is scheduled today, tomorrow and Sunday at Brown Field in San Diego. The "air circus" will present its first-ever evening show tonight at 5. This event will be followed by a fireworks extravaganza.

Tomorrow and Sunday morning gates open at 9 o'clock and the air show begins at 2 o'clock. Bobby Bishop's "world's smallest jet" will be on display as well as the world's largest model airplane... to name just a few of the exhibits.

Tickets are available at the gate and donations are \$4 for adults and \$1 for children 12 years of age and younger. (Kids under five years of age are admitted free of charge.)

Hungry Gulch, a self-guided nature trail open to the public, is located at Isabella Lake. This walk is located less than a half mile from the lake and follows a path with 15 points of interest noted along the walk.

Digger pines, broadleaf mistletoe and buck brush line the trail. A pamphlet about the self-guided nature trail is available at Hungry Gulch.

Why not head south to Disneyland for the weekend? Marriott Hotel in Anaheim offers a special military rate of \$39 per night for adults (children stay free).

Marriott's has a free shuttle bus service to and from Disneyland. To make reservations at the Anaheim Marriott call (1)-800-228-9290.

The Recreation Coordination Office has discount tickets for Disneyland that are available to Department of Defense civilian employees and military personnel. The Recreation Coordination Office is located in Bennington Plaza, next to the Center Theatre.



HEAVY LOAD — Movers pause briefly to catch their breath as they load Personnel Department equipment onto a van to be transported to the new Code 09 offices at 505 Blandly (the old 50 Blandly). Building 34, which has housed the Personnel Department for many years, is scheduled for demolition.

Applications for Cooperative Education Program due today

Today is the last day that applications for the Cooperative Education Program will be accepted by the Cerro Coso Community College Counseling Center for the current fall semester.

The Cooperative Education Program, which began last year, is a joint effort between the Naval Weapons Center and Cerro Coso College. It provides the opportunity for interested students to earn a two year associate of arts or associate of science degree from Cerro Coso, while receiving on-the-job training at NWC.

The length of time required to complete this program ranges from 3 to 3½ years. Openings are announced each semester in the fields of electronic technician, engineering technician, and physical science technician.

In order to be eligible for the Cooperative Education Program, a student must meet the following criteria: (1) be a U.S. citizen, (2) be a high school graduate or the

equivalent, (3) be enrolled as a fulltime student (12 units or more) at Cerro Coso, and (4) complete a copy of both S.F. 171 and the Cooperative Education Program application form (available in the College Counseling Center).

In addition, applicants must provide copies of their high school and college transcripts and take the college placement exam. They also are advised to see a college counselor in order to plan an appropriate course of study at Cerro Coso College.

Students selected for the Cooperative Education Program will work a maximum of 1,040 hours per year. They will have flexible work schedules at the Naval Weapons Center of four to six hours per day — arranged to meet their class schedule at Cerro Coso College.

Interested persons should contact the Cerro Coso Counseling Center for further information by calling 375-5001.

2 courses offered for master's deg. in mechanical engineering

NWC employees who are interested in studying for a master's degree in mechanical engineering will have the opportunity to complete the majority of the program at China Lake. They will be able to complete course work for the degree by means of a 10-week fellowship at the University of California Santa Barbara.

Either of two alternative plans are offered. One plan requires successful completion of 30 units of course work and a comprehensive examination; the other requires 36 units of course work and a comprehensive examination.

When students have completed the requisite number of courses at China Lake,

they will then be able to apply through the Long-Term Training Committee for a 10-week fellowship to complete their studies.

Dr. Scott Hickman, the UCSB advisor for the program, will be at China Lake to counsel current and prospective students on Tuesday, Oct. 20, and will be taught by Dr. telephone Kit Driscoll at NWC ext. 2648 for an appointment.

The two courses offered in the mechanical engineering program this fall are ME 201, Advanced Mechanics, which begins Tuesday, Oct. 20, and will be taught by Dr. Paul Temple; and ME 240, Convective Heat Transfer, which begins Tuesday, Oct. 6, and will be taught by Dr. E. P. Marshall of UCSB.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

Captain Jude Lahr
NWC Commander

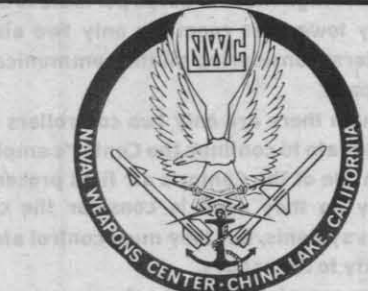
R. M. Hillier
Technical Director

S. G. Payne
Public Affairs Officer

Don R. Yockey
Editor

Mickey Strang
Associate Editor

Beverly Becksvort
Editorial Assistant



News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
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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 permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092, Ext. 2089. 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 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. 0855, Accounting Technician GS-25, 4, PD No. 790816N, Code 0842 — This position is located in the Cost Accounting Branch of the Office of Finance and Management. The incumbent is a trainee in the Cost Accounting Branch performing tasks on a rotating basis with: In one of the three sections — major contracts, government orders and F/C, and commercial orders. Incumbent codes and processes purchase documents, files and maintains files of paid documents, posts entries on reconciliation sheets, and assists in monitoring control log of transactions. Job Relevant Criteria: Ability to work with figures; ability to perform routine clerical duties; ability to maintain a high level of accuracy in work requiring close attention to detail. Promotion potential to GS-5.

Announcement No. 26-054, Contract Specialist, GS-1102, 9/11/12, DA 802539, Code 2521 — This position is that of contract specialist in the Contracts Management Branch, Contracts Division, Supply Department. The incumbent will analyze proposed contractual actions (research and development contracts, missile systems evaluation and development and contracts in related fields) for conformance to government regulations; maintains personal contact with departments assisting in the preparation of requisition; provides liaison between the Naval Weapons Center and the appropriate contracting offices; participates in monitoring contracts; and provides contract advisory information to serviced codes at the Naval Weapons Center. Job Relevant Criteria: GS-1102/9: (1) knowledge and use of regulations including the DAR; (2) knowledge of government procurement and contractual practices and policies; (3) ability to deal effectively with a wide variety of people; (4) ability to communicate both orally and in writing. Job Relevant Criteria: GS-1102/11/12: (1) knowledge of government procurement and contractual practices and policies; (2) experience in procurement of technical equipment, systems, and services; (3) knowledge of current business practices including business law and accounting; (4) ability to communicate effectively, orally and in writing, with all levels of personnel both on and off Center.

Announcement No. 26-114, Secretary (Typing), GS-318-3, PD No. 8026019N, Code 2485 — Position is located in the Energy Program Office of the Public Works Department. Duties include maintaining calendar, setting up regular and special meetings; receiving and directing visitors and phone calls; reviewing and preparing correspondence, receiving and screening incoming mail, maintaining files, preparing orders and itineraries, etc. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel; knowledge of workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement is required and may be picked up at the reception desk in the Personnel Building.

Announcement No. 35-039, Electronics Engineer, Physicist, Mathematician, DP-855-3, 1310-3, 1520-3, PAC No. 8035449E, Code 35042 — This position is located in the HARM Technical Management Office, Systems Engineering Group, of the Electronic Warfare Department. Incumbent is responsible for monitoring the development and production of the HARM guidance section and the development of facilities in support of a second source contract. Job Relevant Criteria: Knowledge of passive RF receivers; understanding of basic video processing techniques; understanding of digital processing techniques; ability to plan, schedule and develop test facilities; ability to communicate effectively with contractors and other Naval personnel.

Announcement No. 35-040, Management Analyst, GS-343-11 or DA-343-3, PAC No. 8135559, Code 35021 — The incumbent will function as a special assistant for support services on the staff of the Electronics Warfare Department. Will conduct analytical studies relevant to department needs. Will be responsible for management of Code 35's physical plant facilities. Will be responsible for a wide range of administrative support functions. Job Relevant Criteria: Knowledge of processes involved in facilities management; analytical ability; ability to communicate effectively orally and in writing; ability to deal effectively with all levels of personnel; knowledge of Centerwide administrative processes.

Announcement No. 3636, Quality Assurance Specialist, DA-910-3, PAC No. 8136112E, Code 3648 — This position is located in the Quality Assurance Branch, Product Assurance Division, Engineering Department. The incumbent of this position will apply and implement quality assurance and quality control techniques and principles to ensure that the supplies and services delivered to the government meet quality, quantity and reliability requirements. Typical efforts will include planning, directing, controlling, coordinating and performing quality and reliability functions throughout the product life cycle. Job Relevant Criteria: Knowledge of standard sampling plans and procedures to evaluate data, discrepancy and deficiency reports; ability to handle problems or assignments of marked difficulty; ability to think through a problem and an approach to its solution is critical to performance at this level. Extensive travel is required.

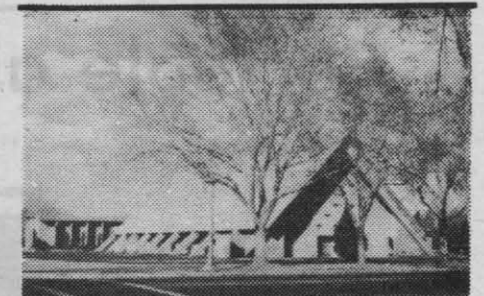
Announcement No. 3637, Secretary (Typing), GS-318-3, PD No. 8136014N, Code 3604 — This position is located in the Sideliner Program Office, Engineering Department. Incumbent provides clerical support to the program manager and staff. Incumbent is responsible for correspondence preparation; maintenance of film and videotape files; review and logging of correspondence from other codes; gathering of background data to answer specific requests; receiving visitors and telephone calls; and maintenance of all secret documents. Incumbent will

be responsible for the training and immediate supervision of clerk-typist personnel. Job Relevant Criteria: Must have comprehensive knowledge of NAVWPNCN policies and procedures pertaining to clerical duties; must have ability to coordinate very heavy and demanding workload and be able to work overtime when necessary; knowledge of grammar, spelling, and punctuation is essential; skill in operating a dictaphone and Mag Card II typewriter is desired but not mandatory; must be able to interface with visitors from all levels of military, government, industry, and foreign governments. Supplemental qualifications statements required. Pick up forms from Kate Clark at the information desk in the Personnel Building, 505 Blandly Avenue.

Announcement No. 3638, Maintenance Scheduler, WD-470-7, JD No. 809N, Code 3640 — This is a temporary position NTE one year. This position is located in the Resource Management Office, Engineering Prototype Division, Engineering Department. The incumbent plans, coordinates, and schedules the maintenance and repair of Centerwide support equipment. When appropriate, suggests changes to facilitate maintenance and repair or reduce costs. Inspects and verifies performance of maintenance and repair. Maintains a master history file of Center support equipment including utilization, maintenance, repair, and overhaul. Screens existing inventories, prepares specifications and evaluates proposals on machine tool acquisitions. Job Relevant Criteria: Ability to apply knowledge of the principles, practices and procedures used in maintenance, repair, modification and overhaul of machine tools and related equipment. Ability to read and interpret blueprints, specifications, work orders, and supply and maintenance manuals; ability to communicate with others effectively, both orally and in writing. Supplemental Qualifications Statement required and may be picked up at the information desk of the Personnel Building from Kate Clark, 505 Blandly Avenue.

Announcement No. 3639, Model Maker, WG-4714-14, JD No. 433N/418N, Code 3644 and Code 3647 — One position is located in the Mechanical Prototype Branch and three positions are located in the Experimental Model Shop Branch, Engineering Prototype Division, Engineering Department. The jobs involve independent performance of a variety of planning, layout, machining, welding, modifying, fabrication and assembly of research and development prototype models. Requires ability to establish job requirements and procedures for a variety of trades to follow in completing projects. Job Relevant Criteria: Ability to independently plan, layout, fabricate, use a variety of welding processes, and assemble complex models; ability to set up and operate machine shop equipment to perform required machining; ability to set up and operate metal working equipment; knowledge of metals or alloys, electrodes, filler metals, fluxes, etc.; knowledge of metals typically used in machine shops; ability to use blueprints and specifications, rough sketches and verbal instructions; knowledge of other trades and

(Continued on Page 7)



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	
Sunday	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
Sunday	1100 to 1125
RELIGIOUS EDUCATION CLASSES	
Sunday	Pre school thru 11th grade 1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant	
Sunday afternoon	12th grade 1630
As announced "Home" Discussion Groups and Youth Rallies	
Contact Chaplain's Office for specifics	
JEWISH SERVICES	
EAST WING — ALL FAITH CHAPEL	
Sabbath Services every Friday	
1930	
UNITARIANS	
CHAPEL ANNEX 95	
Sunday Services (Sept.-May)	
1930	

10 km. race at Tehachapi attracts more than 30 distance runners from local area

More than 30 distance runners from the local area, including many members of the Over-the-Hill Track Club (OTHTC), took part in a 10 kilometer run that was held last Saturday as part of the Tehachapi Mountain Festival.

Laddie Shaw, proprietor of the White Star Mine Health Club, was the top local finisher. He received a trophy for placing first in the men's 30- to 39-year-old age group — being clocked at a swift 34 min., 1 sec.

Shaw's wife, Lindsay, also competed. Not quite the physical fitness buff that her husband is, she completed the 10 km. circuit in 69:15.

Bill Wilson, a recent arrival from Australia, who will be visiting here for a year, finished 15th overall and 5th behind Shaw in the men's 30-39-year-old age group. His time was 36:43.

Frank Freyne, of the OTHTC, garnered a trophy for placing first in competition with entrants in the 40- to 49-year-old same age group, posting a time of 41:25.6.

Jerry Mumford, a top competitor in the women's 30- to 39-year-old age group, resumed her winning ways after being sidelined all winter and spring with a foot injury. She finished the race in 46:49, and was closely followed by Mary Moore-Kilpatrick (49:53.6), who placed third in this age group.

There were 238 entries in this race, which was one of the major events of the Tehachapi Mountain Festival. The 10 km course circled out and around the residential area of Tehachapi — passing by apple and pear orchards and a turf farm. After passing the half-way point, there was

a good incline that tested the runners' endurance, but the weather (fortunately for the joggers) was cooler than it had been earlier this month.

Other local entrants who turned in an impressive performance were the members of the Barglowski family. Sons Jan and Mark were timed at 44:23 and 47:43, respectively, while their father, Leo, was clocked at 48:59.

On the basis of this effort, the Barglowskis are the early favorites in the family division of the OTHTC's sixth annual Ridgecrest Rattlesnake Relay.

This is a three-member team 10-mile relay race that will be held on Thursday, Sept. 3, starting at 5:15 p.m. at Schoeffel Field.

Volleyball season team roster forms available

The fall season of volleyball competition is scheduled to get underway at the Center gym following Labor Day weekend.

If the interest warrants it, separate divisions will be formed for coed and two man teams.

Team roster forms can be picked up now at the Center gym office, and must be completed and returned no later than Tuesday, Sept. 1.

All participants in the Volleyball League (except active duty military personnel) must have an Athletic Association membership or a Volleyball Sports Activity Card.

Additional information about the volleyball program can be obtained by calling Jerry Kissick at NWC ext. 3900.

Nat'l Div. wins all-star tilts . . .

(Continued from Page 6)

Division all stars managed to score just 1 more run and saw their short-lived lead wiped out after the Nationals tied the score at 8-8 in the fifth, and then outscored the American Division squad 4-1 in sixth inning.

Jerry Kissick opened the fourth inning rally by the American Division team with a single, Stoner doubled, and both men tallied on a double by Tim Strawmyer. Another home run by Bennie Williams then drove in Strawmyer.

Back-to-back singles by Castillo and Greg Bell kept the American Division rally going, and Dwayne Stephenson picked up another hit that scored Castillo. The next batter, Del Kellogg, cleared the base paths with a home run that added 3 more runs to his team's total.

Strawmyer got as far around as third base in the American Division half of the fifth inning, but couldn't score. Another home

run by Kellogg in the sixth inning accounted for the final run tallied by the American Division squad.

Instead of caving in after giving up 8 runs to their opponents in the fourth inning, the Nationals came back with a home run by Dale Evans with a runner on base to tie the score at 8-8 in the fifth inning.

With a new ball game on their hands, the National Division all stars set to work in the sixth inning. A lead-off double by Hamlin was followed by a double by Robb Ross that scored Hamlin. Broaker singled in Ross, and the Nationals picked up 2 more runs on a fielding error made in handling a ball hit by Mendenhall, who tallied later on a fielder's choice play.

Richie Clodt, short stop for the National Division all stars, was singled out as the most valuable player in the fielding department, while Bennie Williams was the top man in the batter's box with his home runs for the American Division all stars.



CONGRATULATIONS IN ORDER — Dale Evans gets the "high five" from Brant Tunget as he crosses home plate following a first inning home run for the National Division all-stars. The Nationals defeated their American Division counterparts 19-16 in this slugfest. Looking on (backs to camera) are John Hamlin and Steve Mendenhall, of the Nats, and (in center) Dwayne Stephenson, catcher for the American Division team.

—Photo by Don Cornelius



PLANETARIUM OPERATION EXPLAINED — Robert G. Tuck, director of the Maturango Museum, explains to a crowd who attended the unveiling of the Dr. Peter Pinto Planetarium last Thursday, Aug. 13, how this piece of apparatus works. The planetarium will be taken on visits to classrooms to aid teachers in teaching astronomy. Its purchase was made possible by a fund drive that was sparked by the Desert Area Teachers Association. School children assisted by obtaining contributions from local residents and business places. The goal of \$5,000 was exceeded by more than 25 percent. The extra money will be used to pay for installation, operation, maintenance and repair of the planetarium.

Promotional opportunities

(Continued from Page 2)

ability to direct others; ability to use precision measuring devices; knowledge of physical and functional characteristics of the equipment and tools of the trade. Supplemental qualifications statement forms are required and may be picked up from Kate Clark at the information desk of the Personnel Building, 505 Blandly Avenue.

Announcement No. 39-022, Electronic Technician, DT-856-A, PAC No. 819554N, Code 3944 — This position is located in the Electronics Branch, Electro Optics Division of the Weapons Department. The incumbent assists in the construction, packaging, and test of electronic subsystems used on guided missiles and related hardware. Job Relevant Criteria: Ability to assemble components on printed circuit boards; knowledge of basic test equipment and ability to perform wire wrap; knowledge of electronic components and their functions. Promotion potential to DT-3 level.

Announcement No. 841-02, Secretary, GS-318-4/7, PD No. 814103N, Code 41 — This position is located in the Aircraft Department at NAF. The incumbent provides secretarial support to the assistant department head and to the head of staff. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff or

processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences; ability to review, control, screen, and distribute incoming mail. Supplemental Qualifications Statements are now required for secretary applicants, and may be picked up at the reception desk in the Personnel Bldg., 505 Blandly Avenue.

Announcement No. CC-847, Child Care Attendant, PS-0189-02, \$3.66 per hour plus benefits, Interim, Un-scheduled, Recreational Services Department, Children's Center, Code 22 — This is not a Civil Service position. Duties: direct and supervise children; help with required clean-up of area and equipment; aid in preparation of materials and activities. Job Relevant Criteria: High school graduate or equivalent; familiar with techniques of counseling, disciplining children; first aid and fire safety procedures; able to carry 40 lbs; constant walking and standing.

Announcement No. CC-849, Lead Child Care Attendant, PS-0189-04, \$4.18 per hour plus benefits, Permanent, Full Time, Recreational Services Department, Children's Center, Code 221 — This is not a Civil Service position. Duties: leads other child care attendants who direct and supervise children; meeting appropriate educational and emotional needs in an atmosphere which makes child feel secure/protected; provide and instrument daily lesson plan in cheerful, stimulating environment. Job Relevant Criteria: Must be a high school graduate or equivalent with 12 units Early Childhood Development at college level and one year experience working with children at the pre-school level. Able to lift children weighing up to 40 lbs.

Announcement No. CC-850, Child Care Attendant, PS-0189-03, \$3.92 plus benefits, Permanent, Part Time, Recreational Services Department, Children's Center, Code 221 — This is not a Civil Service position. Duties: direct and supervise children; meeting appropriate educational and emotional needs in an atmosphere which makes child feel secure/protected; provide and instrument daily lesson plan in cheerful, stimulating environment. Job Relevant Criteria: Must be a high school graduate or equivalent with 12 units Early Childhood Development at college level and one year experience working with children at the pre-school level. Able to lift children weighing up to 40 lbs. File applications for all non-Civil Service jobs in Rm. 100, Personnel Bldg., 505 Blandly Avenue.

Cross country meet for military personnel slated

The Southern Pacific Regional open senior and women's cross country track meet for military personnel will be held at the Naval Air Station, Miramar, on Sept. 16.

Male entrants, who will vie in the open division for those under 35 years of age and a senior division for those 35 years old and above will run a 6-mile course, while women will be challenged by a course 3.4 miles in length.

Military men or women at the Naval Weapons Center who are interested in taking part in this event are asked to make this interest known by contacting Paul Bacziewicz at the Center gym, phone NWC ext. 2334, no later than Aug. 31.



Clinic set Saturday for Youth Soccer League players

The first of two instructional clinics for boys and girls interested in participating in the fall-winter season of Youth Soccer League competition will be held tomorrow at Davidove Field.

Instructors at the clinics will be members of the China Lake Soccer Club.

The first session, for first through third graders, will begin at 9 a.m., while youngsters in the fourth through sixth grades are invited to attend a similar workout starting at 10:30 a.m.

The instructional clinics for Youth Soccer League players also will be repeated at the same time and place on Saturday, Aug. 29.

Registration for Youth Soccer League players is currently underway at the Community Center and will continue on weekdays between the hours of 8 a.m. and 1 p.m. and from 2 to 4 p.m. through Friday, Sept. 11.

There is a once-per-year youth sports registration fee that is a prerequisite for taking part in this or any other youth sports program. Those who paid this fee in order to play soccer or compete in any other youth sports program earlier this year are covered for a 12-month period.

Details about the youth sports registration fee can be obtained by calling Elaine Mikkelsen at NWC ext. 2081. For youth soccer only, there also is a fee of \$10 per player for uniforms and equipment that must be paid at the time of registration.

Youngsters who will be in grades seven through nine will not participate in the Youth Soccer League. Instead, teams for them will be formed in a separate league sponsored by the Sierra Sands Unified School District and the City of Ridgecrest.

Details on the Junior High School League will be available at Murray and Monroe Junior High Schools after the new school year begins on Tuesday, Sept. 8.

Military golfers vie in Commander's Cup match Aug. 27

Golfers representing NWC Gold, NWC Blue, and VX-5 will compete next week in the second Commander's Cup athletic event of the 1981-82 year.

This will be an 18-hole golf match, six players per team, that will get underway at 1 p.m. on Thursday, Aug. 27, at the China Lake golf course.

Military golfers interested in competing in the golf match are asked to contact one of the following members of the Military Athletic Committee: Ens. Ken Dorrell, of NWC Gold, call 3411, ext. 243; ET2 Rob Ross, of NWC Blue, NWC ext. 5394; or Lt. T. J. Ringler, of VX-5, NWC ext. 5357.

All main side military personnel at NWC are eligible for the NWC Gold team, while the Blue squad will be made up of golfers from the Aircraft Department (Code 61).

If more than six golfers per team are interested in competing in the Commander's Cup golf match, play-offs will be arranged ahead of time in order to determine the make-up of each squad.

By winning last month's bowling competition, NWC Gold moved into first place with 5 points in the Commander's Cup standings. VX-5 is in second with 3 points and NWC Blue trails with 1 point.

TROUT FISHING TIP

Trout feed either just at the surface or down deep. Fishing in the mid levels of water for trout is unproductive.

Nationals win slow pitch softball all-star games

All star teams representing the American and National Divisions of the Ridgecrest Recreation Department's Slow Pitch Softball League tangled in a double-header played on Thursday night of last week at Schoeffel Field.

The National Division squad, heavy with players from the Villains, who won their division as well as a post-season tournament, emerged victorious in both games by scores of 19-16 and 12-9.

The underdog American Division team started off strong by scoring 8 runs in the first inning of game No. 1. A home run by Bennie Williams with two men on base

Players on the two all-star slow pitch softball squads, the teams they played on this past seasons, and the positions they filled on the all-star roster, were:

National Division

Andy Price (Villains), centerfield; Richie Clodt (Villains), short stop; John Hamlin (Renegades), 3rd base; Dale Evans (Villains), 1st base; Brant Tunget (Villains), catcher; Steve Mendenhall (High Desert Saloon), left field; Chris Long (NWC Varsity), rover; Mike Broaker (High Desert Saloon), 2nd base; Rob Ross and Ken Daniels (NWC Varsity), right field; Art Donaldson (Villains) and Gary Clark (Renegades), pitcher and designated hitter (DH); Gordy Irvin (Renegades), DH.

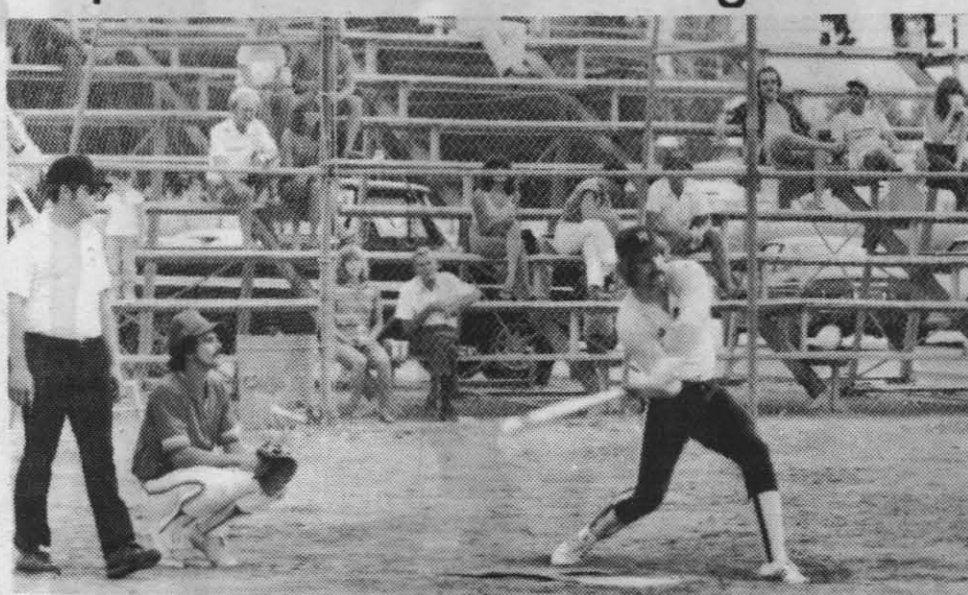
American Division

Dewayne Stephenson (Stare Montagne), and Ted Bailey (Pizza Villa), catcher; Greg Bell (Stare Montagne), centerfield; Tim Strawmyer (Stare Montagne), short stop; Bennie Williams (Stare Montagne), DH; Art Castillo (ARCS), 1st base; Mark Gritton (ARCS), left field; Mike Stoner (ARCS), 2nd base; Del Kellogg (Stare Montagne), Dan Anders (ARCS), and Dewayne Fojt (Pizza Villa), pitchers; Andy Bertram (CSC) and Ken Robinson (CSC), rover; Bill McWhorter (Vaughn's) and Jerry Kissick (Pizza Villa), right field; and Steve Paine (ERA Raiders), 3rd base.

accounted for 3 runs, and Art Castillo, who followed Williams to the plate, also hit a circuit clout.

To their first inning total of 8 runs, the American Division team added 2 more in the second, and 3 more tallies in the third and fourth frames before being held scoreless for the remainder of the game.

The National Division squad chipped away at their opponent's lead. Dale-Evans, batting in the cleanup spot, cleared the bases with a home run in the first inning that drove in Richie Clodt, who had singled to get



TAKES HEALTHY CUT — Brant Tunget, catcher for the National Division team, takes a healthy cut at the ball during this bit of action in the National vs. American Division all-star slow pitch softball game. Behind the plate are Dewayne Stephenson, catcher, and Mike Zych, umpire. Tunget hit a home run in his first time at bat in the first game of the double-header, and also hammered out two doubles and two singles in five times at bat.

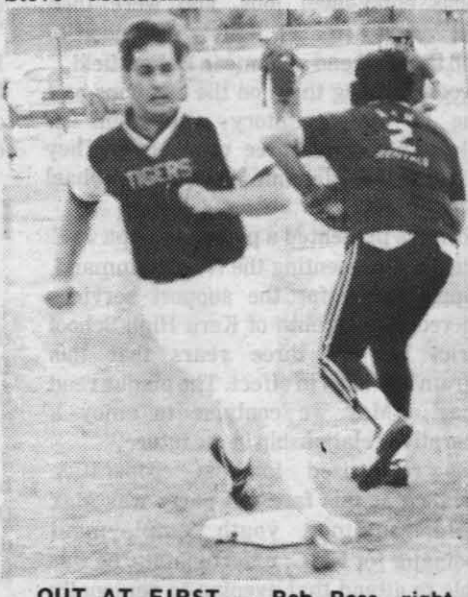
—Photos by Don Cornelius

on base.

Brant Tunget, catcher, also hit a first inning homer for the National Division all stars.

Big inning for the National Division all stars was the top of the fourth when they tallied 5 runs to tie the score at 13-13.

Successive singles by Gordy Irvin, Andy Price and Clodt got the Nationals moving in the fourth inning. The hit by Clodt drove in a run and was followed by a double off the bat of John Hamlin that cleared the bases — scoring 2 more runs. Before the dust had settled retiring the side, singles by Tunget, Steve Mendenhall and Mike Broaker



OUT AT FIRST — Rob Ross, right fielder for the National Division all-stars, failed to beat the toss and was out on a throw to Art Castillo, first baseman for the American Division team.

(Continued on Page 7)

Lucky angler gets king-size trout at Twin Lakes

Trout fishermen shared with envy last week of a lucky — or skilled — angler landing a 17-pound, 15-ounce brown at Twin Lakes just outside Bridgeport.

While the happy fisherman caught the lunker on a 10-pound test line and an 8-pound leader with a Rapala lure, most fishermen at Twin Lakes have been using flies and eggs to snag the much more common pan-sized rainbows and browns.

Fishermen at the Virginia Lakes are using all kinds of bait and flies to catch rainbow trout weighing from a half pound to two pounds. Flies work best in the early morning and late afternoon. Fly fishing is also producing catches of 12- to 16-inch brown trout in the East Walker, but in the West Walker, Little Walker, Buckeye and Robinson Creeks, night crawlers, cheese and eggs are producing the best catches, mainly of pan-sized brook, rainbow and brown trout. The East Walker has produced 5-pound brown trout for fly fishermen.

In the Lee Vining area, Lundy Lake is an excellent source for larger pan-sized rainbow trout that love red eggs, cheese and night crawlers. Fly fishermen are doing well at Lundy Lake in the evening, and

Saddlebag Lake trout also are going after flies. Lee Vining Creek trout prefer worms and cheese.

June Lake is an excellent spot for shore fishing with worms, cheese and eggs, and those who like to get out on the water find that trolling in the very early morning or late afternoon will result in a horde of pan-sized rainbow trout pursuing Needlefish.

Gull Lake is good for trolling with Needlefish, night crawlers, garlic flavored marshmallows, and eggs; and Silver Lake is good both for shore fishing and trolling. Cheese, eggs, and worms are the preferred enticements to the fish to bite.

Those who like to fish in the very early morning hours should head for Grant Lake with a good supply of flies, lures, cheese and eggs. Rush Creek is producing good rainbow fishing for those using cheese, eggs, and night crawlers.

In the Mammoth Lakes area, Barney Lake is good for fishing in the very early morning and late afternoon. Fish are going for yellow cheese and flies. Purple Lake is good using flies and bubbles; both brown and rainbow trout are being caught. A lot of pan-sized rainbow trout are being caught by trolling with flies at Twin Lakes and Convict

Lake is good for trolling with Dave Davis, night crawlers and eggs.

Rainbow trout in the Rock Creek Lakes are hungry for flies and worms, but the trout in Duck Lake prefer Phoebe, black worms and flies.

Anyone who wants a change from trout should head for Crowley Lake. Perch fishing there is reported to be great.

South Lake out of the Bishop area has been producing good catches of rainbow trout for those using Needlefish and Dave Davis lures. Lake Sabrina has been very good for both still fishing and trolling using lures, cheese and eggs; trout are 12 to 13 inches. Bishop Creek, for those who like to tramp the streams, is producing a crop of pan-sized rainbow trout that enjoy eggs and worms.

Eggs and worms are also the choice for rainbows in Big Pine and Baker Creeks. Independence, Oak and Symmes Creeks are giving up a lot of 10- to 13-inch rainbow trout hungry for salmon eggs, and somewhat smaller trout in Goodale and Taboose Creeks also like salmon eggs.

Fishermen at Lone Pine and Tuttle Creeks report that they are catching limits of rainbow trout with night crawlers and worms.

Bjorklund Award presented to Jeff Grossman

Jeffrey D. Grossman was presented the Bjorklund Award for community and management innovation at a meeting of the East Kern Chapter of the American Society for Public Administration last Tuesday.

Grossman, who is completing a term of office as an elected member of the Ridgecrest City Council, was cited for the professional management concepts that he fostered for the City of Ridgecrest. Among these were long range financial planning, the concept of a Public Works Department, and the use of an assessment center for the selection of City Department heads.

While none of these management tools are in themselves new, it is the first time that they have been implemented in Ridgecrest through the efforts of an elected policy maker.

While serving as a City Councilman, Grossman has been a full time employee of the Naval Weapons Center; he currently heads the Human Factors Branch in the Aircraft Weapons Integration Department. When he came to NWC, he held a bachelor's degree in psychology from San Diego State University. Since he arrived in 1969, he has also earned a master's degree in Public Administration through the University of Southern California External Degree Program.

A very surprised Grossman was presented the award by Dr. Ross Clayton, currently a professor of Public Administration and Director of the USC Sacramento Public Affairs Center.

Dr. Clayton expressed particular pleasure at being able to make the presentation because he was president of the East Kern County Chapter of ASPA when the award was first named in honor of the late Russ Bjorklund, and had himself been recruited to work at China Lake by Bjorklund, who was then head of Central Staff (now the Office of Finance and Management).

Dr. Clayton has continued to stay in touch with NWC since he left in 1967 to accept a teaching position at USC. He is now engaged in developing the methodology by which the effectiveness can be measured of the Civil Service Reform Act Demonstration Project now underway at NWC and the Naval Ocean Systems Center in San Diego.

The approach taken to evaluate the Demonstration Project is to determine the effectiveness of the two laboratories engaged in the project as compared to the effectiveness of two control laboratories (the Naval Air Development Center and the Naval Surface Weapons Center).

"Laboratory evaluation is like Swiss cheese; all methods have holes in them," noted Dr. Clayton in describing the dif-

ficulty of the task of defining appropriate criteria for such an evaluation.

Five factors were finally selected, he said. These include that the evaluation be based on qualitative judgement of qualified people; a constituency of sponsors, users, peer groups and others be combined to make the judgement; multiple attributes be judged; exact data be used when possible; and that all members of the evaluating group must stay abreast of other factors such as funding affecting the laboratories aside from the Demonstration Project.

A group of experts decided on the attributes to be considered, and two questionnaires listing these attributes were sent to two separate groups composed of sponsors, users, peers, and experts in various fields who were asked to rank 10 laboratories with regard to the attributes selected.

Preliminary results (although from a small sample, Dr. Clayton noted) indicated

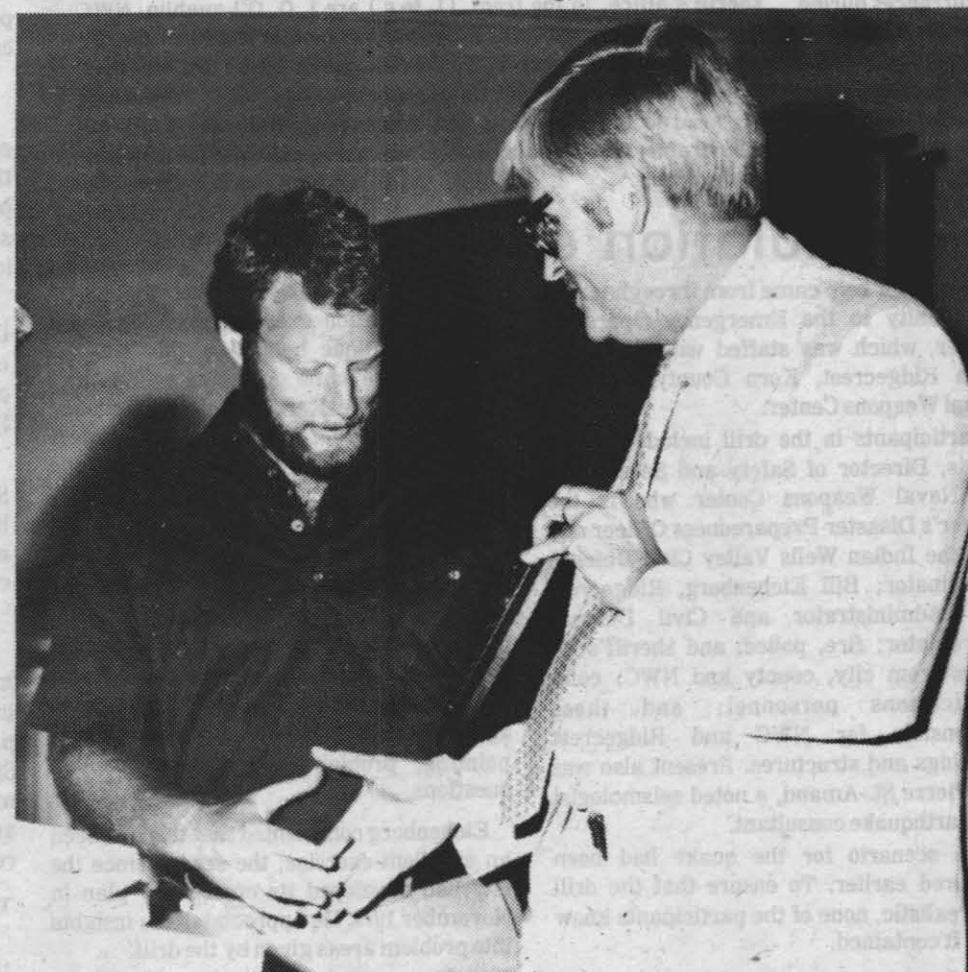
that the Naval Weapons Center was seen as the laboratory with the most relative value to the Navy.

The variety of respondents — the multi constituency approach — also ensures that the evaluation can be of internal value to the organization because each of the evaluating groups is listed separately for each attribute evaluated.

At the beginning of the ASPA meeting, Dr. Frank Cartwright, current president of the East Kern County Chapter, announced the results of that organization's recent election.

Gary Rainwater is the new president, with Marco Monsalve chosen as president-elect. Ann Kurotori is a new member of the ASPA Council, while Joan Crista and Dick Johnson were reelected for another term.

Continuing members of the council include Bill Arnold, the organization's treasurer, and Paul Coulter, Bill Eichenberg, Fred Nathan, and Mickey Strang.



PLEASED RECIPIENT — Jeffrey D. Grossman (l.) receives congratulations and a plaque from Dr. Ross Clayton, signifying that Grossman won the Bjorklund Community and Management Innovator Award for this year. Dr. Clayton, a former NWC employee, was guest speaker at a luncheon of the American Society for Public Administration. He was asked to make the award presentation because he was a friend of the late Russell Bjorklund for whom the award is named.

BLM to increase fee for adoption of burros

The nationwide federally sponsored Adopt-A-Horse Program, which finds homes for excess wild horses and burros removed from western and public rangelands, will undergo a major change this fall to make the operation more self-sustaining, Robert Burford, Director of the Interior Department's Bureau of Land Management (BLM), announced.

Burford said that starting Oct. 1, BLM will charge a fixed fee of \$200 for a wild horse and \$75 for a burro, with the money to be applied toward the actual cost of removing and placing animals with adopters. Transportation costs, if any, will be additional.

"Increasing adoption fees for wild horses and burros is long overdue," Burford said. "This year, BLM will spend \$4.4 million subsidizing the Adopt-A-Horse Program. In a time of fiscal austerity, we consider this an inappropriate use of federal funds."

Burford added that the Office of Management and Budget and the House Committee on Interior and Insular Affairs in the past have urged BLM to make the adoption program more self-supporting. "While the fixed basic fee system is not the total solution, it is a step toward getting the program closer to paying for itself," Burford said.

The new fees charges by BLM also will apply to excess horses and burros gathered

from public lands administered by the Agricultural Department's Forest Service and placed through BLM's Adopt-A-Horse Program. In isolated cases, where the Forest Service removes small numbers of animals for adoption locally, the fee will reflect the actual costs of capturing and placing the animals in adoption.

Fees paid by adopters range up to \$25 for a horse or burro picked up at a BLM corral in the West to \$145 for a horse transported from Nevada to Tennessee for pickup at BLM's wild horse and burro adoption center in Cross Plains, one of four such centers across the country. The U.S. Government absorbs about \$300 of the cost of capturing and placing each animal with an adopter.

The practice of removing wild horses and burros from the public lands and placing them in the custody of qualified individuals began after passage of the Wild Free-Roaming Horse and Burro Act of 1971. Protected under the act on lands administered by the Bureau of Land Management and the Forest Services, horse and burro populations increased and removals of excess animals became necessary.

BLM placed the first wild horses in 1973 when 23 excess horses were removed from the Pryor Mountain Wild Horse Range in Montana. The next year, BLM began an adoption program in Oregon, followed by

Nevada in 1975. The adoption program was launched nationwide in Spring 1976. To date, more than 29,000 wild horses and burros have been placed with adopters in 48 states. Applications requesting more than 35,000 animals currently are on file with BLM.

When announcing the new fee policy, Burford said, "Further changes in the management of wild horses and burros are inevitable. Even though the BLM has spent more than \$27 million for their management since 1971, we have been unable to keep pace with their population growth. Range conditions in many areas worsen year by year."

Burford said: "If horses and burros are allowed to destroy the range, they destroy it for all. The wild horse and burro herds suffer. Livestock suffer, as do bighorn sheep, antelope and many other forms of wildlife that inhabit the public range lands."

An estimated 70,000 wild horses and burros roam the public rangelands in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, and Wyoming. Fifty-eight percent of the animals are on public lands in Nevada.

According to BLM projections, 44,000 of the current estimated population of 70,000 wild horses and burros must be removed from public rangelands before an effective management level is reached.

Bluejacket . . .

(Continued from Page 1)

As an air traffic controller at NWC, AC3 Jones has local control of a 5-mile radius and a flight pattern and gives clearance to land and clearance to take off to aircraft at Armitage Airfield.

What Petty Officer Jones likes best about her job is "that every day you have something different going on. It's a very hectic job and at times there is great pressure. You have to know your priorities," she said.

AC3 Jones has filled other assignments at NWC. She was a duty driver at the Quarterdeck and she has also worked at the All Faith Chapel.

Petty Officer Jones learned the duties of her rate from on-the-job training. She did not attend any Navy trade schools for education in air traffic control.

"I read books to study for the Certified Tower Operator Examination in my free time. When I felt I was ready for the exam, I went to Lancaster where the Federal Aviation Administration examiner administers the test. After receiving the results that I passed the test, I was sent up to the air traffic control tower," she said.

After completing almost two years of school at Berkshire Community College in Massachusetts, she decided to join the Navy. "I had no job in mind when I enlisted," she said.

Married in January she is busy with her husband, AT3 Larry Jones, decorating their home.

The NWC Bluejacket of the Month for July has been at China Lake for about two years and misses the snow and green grass of her home town of Pittsfield, Mass.

In her free time, Petty Officer Jones enjoys playing racquetball, riding bicycles and riding her motorcycle.

A recent accomplishment of Petty Officer Jones has been in the area of preparing for further advancement in the Navy. She completed her Performance Advancement Requirement and has passed the leadership exam for E-5.

Massive saving of energy possible if natural light used

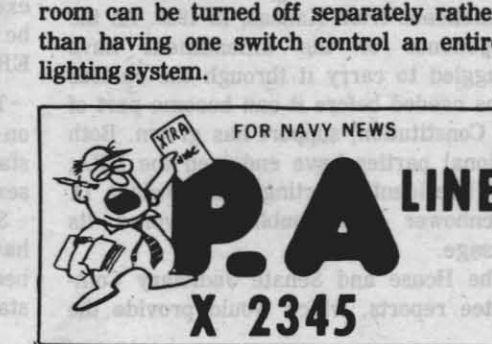
Gentle, natural daylight provides much more pleasant lighting for offices and work and meeting areas than artificial lighting as well as cutting the Center's energy bill significantly.

For instance, a Centerwide survey indicated that about 610,000 kilowatt hours of electricity could be saved each year if everyone took advantage of natural lighting where possible. Since many of these kilowatt hours could be saved during the mid-peak and peak hours of the day when the cost per unit of electricity is at its maximum, the Center's energy bill would show a marked reduction.

Care must be taken, however, to ensure that the lighting is indirect rather than direct. While indirect daylight generates less heat per lumen of light than electrical lighting, the solar heat that is generated by the direct rays of the sun would have a bad effect on the Center's cooling systems.

Shades, drapes, and blinds can keep the intensity of light down to a point where lighting is pleasant, but a room's heat is not increased.

In the future the lighting circuits on Center will be reworked so that there will be more flexibility in turning off lights, and so that individual lights in a building or a large room can be turned off separately rather than having one switch control an entire lighting system.





THOUGHTFUL EVALUATION — Discussing occurrences during the Earthquake Simulation Exercise conducted at the Ridgecrest Police Station recently are (l. to r.) Cdr. D.A. Ringel, NWC Public Works Department; Paul Coulter, representing Kern County Supervisor Gene Tackett; Andy Boyd, who was Ridgecrest City Engineer; Bart Immings, China Lake police chief; and (seen only partially) Don Glennon, Kern County

sheriff's office. In the front, (l. to r.) are L.O. O'Laughlin, NWC fire chief; Craig Morgan, Ridgecrest branch of the Kern County fire department; and W.E. Davis, Indian Wells Valley Civil Defense Coordinator and Navy representative. With the back of his head to the camera is Bill Eichenberg, Ridgecrest city administrator. Follow-on activities are being planned periodically by the group. —Photo by Don Cornelius

Earthquake disaster simulation exercise held

Key personnel of the Naval Weapons Center, City of Ridgecrest and County of Kern recently conducted a "table top" earthquake disaster simulation exercise.

This was part of a series of "table top" drills being conducted throughout the county and the state under the auspices of the Civilian Emergency Services program sponsored by the Federal Emergency Management Agency. Golden Gate University in San Francisco is evaluating the actions taken during such "table top" drills.

The scenario included a major earthquake occurring on the San Andreas fault, its epicenter within the borders of Kern County. Less than a half hour later, the Little Lake fault split the City of Ridgecrest as it cracked in a secondary activation earthquake with a magnitude of 7.5 on the Richter scale.

Several large buildings collapsed, gas lines broke, utility services were disrupted,

and calls for help came from throughout the community to the Emergency Operating Center, which was staffed with personnel from Ridgecrest, Kern County, and the Naval Weapons Center.

Participants in the drill included W. E. Davis, Director of Safety and Security at the Naval Weapons Center who is the Center's Disaster Preparedness Officer and also the Indian Wells Valley Civil Defense Coordinator; Bill Eichenberg, Ridgecrest City Administrator and Civil Defense Coordinator; fire, police, and sheriff's officers from city, county and NWC; communications personnel; and those responsible for NWC and Ridgecrest buildings and structures. Present also was Dr. Pierre St.-Amand, a noted seismologist and earthquake consultant.

The scenario for the quake had been prepared earlier. To ensure that the drill was realistic, none of the participants knew what it contained.

FWPC suggests look at ERA as Women's Equality Day nears

With the advent of National Women's Equality Day (Aug. 26), the Federal Women's Program Committee (FWPC) suggests a look at what the proposed Equal Rights Amendment means.

Section 1: Equality of rights under the law shall not be denied or abridged by the United States or by any state on account of sex.

Section 2: The Congress shall have the power to enforce, by appropriate legislation, the provisions of this article.

Section 3: This amendment shall take effect two years after the date of ratification.

Under various Civil Rights Acts many of the discriminatory laws and practices now in existence are clearly illegal, but each of these has to be individually contested through the courts. Passage of the ERA would avoid much of the litigation that has crowded court calendars when women have sued for equal protection of the law.

ERA was introduced in Congress by a Senator and a Representative, both Republicans from Kansas, in 1923. As the proponents of the amendment have struggled to carry it through the various steps needed before it can become part of the Constitution, support has grown. Both national parties have endorsed the ERA, and Presidents starting with Dwight D. Eisenhower have publicly favored its passage.

The House and Senate Judiciary Committee reports, which would provide the

legislative history that would guide the Supreme Court at such time as the ERA is ratified, agree on several points that critics raise.

For instance, they agree that the ERA applies only to governmental action, and does not affect private action or purely social relationships between men and women.

Family structure would not be altered since this is based on private relationships and custom. Obligations for family support are actually obligations to pay creditors and will be based on individual circumstances, not on sex (a condition already increasingly recognized by the courts).

Rights of privacy would still prevail, permitting a separation of the sexes with respect to such places as public restrooms as well as sleeping quarters of public institutions.

The ERA would require that women be drafted if men are; Congress, however, already has the power to draft women under its general war powers, and appropriate exemptions for both men and women could be determined regardless of passage of ERA.

The only restriction that the ERA places on State legislation is to require that the states also do not discriminate because of sex.

So far 34 states (including California) have ratified the ERA. In order for it to become the law of the land, another four states must do so before June 1982.

The questions raised during the earthquake simulation exercise were discussed during a critique held later that was attended by the same group, as well as Ray Jackson, of the Kern County Emergency Services Office, and Paul Coulter, representative of County Supervisor Gene Tackett.

W. T. Cooper, NWC Disaster Preparedness representative, chaired the critique session. A series of action items were developed to answer questions raised during the "earthquakes" of the previous week.

Jackson stated he was very pleased with the outcome of the drill, and all participants agreed that it had been of value in pinpointing problem areas and raising questions.

Eichenberg commented that this had been an excellent exercise, the second since the city had developed its emergency plan in November 1979. He appreciated the insights into problem areas given by the drill.

Davis noted there were several lessons learned and a number of action items were developed. He also commented that the Center's policy recognized that should a major disaster hit the Center, it would also affect Ridgecrest, Inyokern and the whole Indian Wells Valley, and likewise a major disaster in the Indian Wells Valley would directly impact on the Naval Weapons Center.

Triennial equipment inventory, labeling now nearing completion

A group of 30 summer employees, mostly local students in their second or third year of college, are involved in the important task of taking the triennial inventory of test equipment at the Naval Weapons Center.

The students' part of this vast undertaking is to affix machine-readable bar coded labels on all items included in the Center's cradle-to-grave equipment management program.

According to Ed Nelson, head of the Engineering Department's Metrology Branch, who is supervising the students' work, once the bar-coded labels have been affixed to equipment, the inventory process can be speeded up by a factor of 20 by using a scanning wand that reads the labels and stores the data in a hand-held terminal until it can be transferred by a microprocessor to a computer data base.

In addition to reducing substantially the amount of time required to inventory the vast quantity of equipment at NWC, there will be a reduction in the number of errors associated with human transcription of plant account numbers or other means of

Police reports . . .

China Lake police are investigating the theft of a government-owned vacuum cleaner from a storage locker at Armitage Field. A report about the disappearance of the vacuum cleaner, which is valued at \$238, was filed last Friday, Aug. 14.

EMPLOYEE ARRESTED

China Lake police last week arrested an NWC employee who was charged (in a warrant issued by the East Kern Municipal Court) with annoying-molesting children. The suspect was turned over to Kern County deputy sheriffs in Ridgecrest. Bail was set at \$1,500.

FILE CABINET BURGLARIZED

Burglary of a locked file cabinet in the Air Conditioning Shop of the Public Works Department was reported on Thursday afternoon, Aug. 13, to China Lake police. Taken from the file cabinet, which had been pried open, was \$15 from the AC Shop's coffee fund.

EQUIPMENT MISSING

As an offshoot of the triennial inventory of equipment that is now being conducted on the Naval Weapons Center, China Lake police this week began to receive reports of some equipment that can no longer be located.

Missing from one of the Engineering Department offices in Michelson Laboratory are a desk-size and a pocket-size calculator valued at a combined total of \$1,026.

In addition, personnel in the Ordnance Systems Department report that a Metter balance, used in the Salt Wells area to measure amounts of explosive materials, can't be located. It is valued at \$2,000.

WALLET RETURNED

A wallet containing \$117 in cash, as well as miscellaneous cards and papers, was turned in by a Good Samaritan shortly before 7 p.m. Tuesday at the China Lake Police Station. The owner was located by a military identification card in the wallet, and the wallet and its contents were returned to him.

TEL-MED TAPE OF WEEK

Fever, headaches, chest pains and sore throats are all symptoms of valley fever. More than two-thirds of all persons living in the west from El Paso, Tex., to the San Joaquin Valley in California have been affected by this condition at one time. Valley fever is caused by a fungus that is prominent in the warm, dry climates. This fungus is inhaled and goes to the lungs. Valley fever is not always serious. Call Tel-Med at 446-3541 and ask to hear tape No. 5006 to learn more about valley fever.



HAPPY COLLABORATION — Beto Bernal, NWC Deputy EEO officer, chats with Richard Froehlich, Kern High School District CETA Programs Administrator, at a party held honoring the CETA students who worked at the Naval Weapons Center this summer. —Photo by Mickey Strang

CETA Youth Employment Program concludes its 3rd year at NWC

"The Naval Weapons Center makes it possible for us to offer one of our best, if not our best, program" said Richard Froehlich, Kern High School District Comprehensive Education and Training Act (CETA) program administrator, speaking about the CETA program at a farewell party given for CETA summer employees Thursday, Aug. 13.

Twenty-seven students from the Bakersfield area participated in the CETA Youth Employment Program that is in its third year at the Center. The 10-week program ran from June 8 until Aug. 14. The young people's work assignments ranged from computer aids to auto mechanics.

Beto Bernal, Deputy Equal Employment Opportunity officer for NWC, attributes part of the success of this program to "the counselors in the Kern High School District who match the interest, experience and background of the youths to the requirements of the positions at NWC."

As well as receiving temporary summer help for the Center while many employees are on vacation, NWC also benefits from this program because "we build up a pool of eligibles for future employment at NWC from the CETA employees. By providing an opportunity for them to work on Center it's good public relations for NWC in that it gives the people in the Bakersfield area a good feeling about the Center," Bernal added.

Funding for this program is through a Kern High School District grant from Kern County that is allocated from the U.S. Department of Labor. Criteria for eligible CETA workers is established by the Department of Labor and states that the employees must be from low income families and must be at least 16 and not older than 21 years of age.

Cerro Coso College extends registration deadline to Sept. 11

Cerro Coso Community College has extended registration for the fall semester, which began on Wednesday, Aug. 19.

Students may register at the Office of Admissions and Records through Friday, Sept. 11, on weekdays from 9 a.m. to 7 p.m. Enrollment will be accepted for all classes that are not already filled to capacity.

All residents of the Kern Community College District are eligible to enroll if they are a high school graduate, non-graduate 18 years of age and over or high school junior or senior with the written approval of their principal.

There is no tuition charged residents, and military dependents may be eligible for a tuition waiver.

There are three handicapped CETA employees in the program this year, and they remained in the program for the 10-week duration.

These young people were transported by bus from Bakersfield each Monday morning, spent their week nights living in dormitory housing and their days working at various entry-level jobs, and were then again bused home on Friday afternoon to spend the weekend at home in Bakersfield.

Accompanying them on the bus trips and living in the dormitory with them on week nights were three counselors. They are Ben McCoy, Jeannie Flores and Michael White.

Froehlich presented a plaque to Capt. J. E. Doolittle, representing the NWC Command, in appreciation for the support services rendered to the youth of Kern High School District for the three years that this program has been in effect. The plaque read in part, "May we continue to enjoy a cooperative relationship in the future."

Also recognized for his cooperative assistance at this farewell party was Max Donald, summer youth employment coordinator for NWC; unfortunately, he was unable to attend that evening to personally accept a plaque from Froehlich.

A plaque also went to the EEO staff for its support and assistance, and certificates were presented by Bernal on behalf of NWC to each CETA employee. Supervisors of the young people were also recognized for their efforts, concern and interest.



STOCKING THE SHELVES — James (Tony) Robinson was employed in the Commissary Store as a clerk as part of the CETA Youth Employment Program. A 19-year-old graduate of South High in Bakersfield, he will be attending Bakersfield College as a freshman when the fall semester starts. "I met a lot of good people while working at the Commissary," he said.

Nelson named Command Master Chief of RMCB 17 detachments

Phil Nelson, who is employed as an equipment specialist in the office of the Electronic Warfare Department's head of staff, has just become the Command Master Chief of Reserve Mobile Construction battalion 17.

He is the first member of Detachment 0217 at China Lake to be selected for this honor since Det. 0217 was formed in the late 1950s.

As Command Master Chief, EQCM Nelson will visit the more than 600 men in RMCB 17's detachments in Phoenix, Tucson, San Diego, El Centro, Las Vegas, Bakersfield, and the newly established detachment at San Luis Obispo, as well as headquarters at Port Hueneme.

The Command Master Chief is the link between the Commanding Officer and enlisted personnel. He serves as advisor to the Commanding Officer on enlisted matters, and keeps enlisted personnel informed of the latest developments in the battalion. His responsibilities also include working with the career counseling team, recruiting, and retention of personnel.

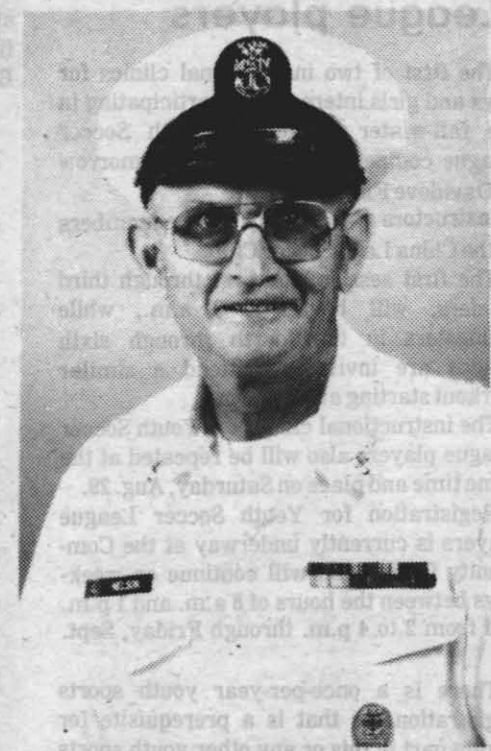
During the 21 years that he's belonged to RMCB 17's local detachment, EQCM Nelson has worked with equipment, been an instructor, handled recruiting duty, been an equipment manager, maintenance supervisor, and served as officer in charge.

This variety of jobs, he feels, helped influence his selection as one of only 17 Seabee Reserve Command Master Chiefs in the nation. "The experience and training that I've received in the Seabees has been very good for me," EQCM Nelson says. "It's helped me a lot in my civilian job and my civilian life."

While there are currently 600 men in RMCB-17, a number of openings still exist. Needed are persons who have skills in the construction trades, as well as equipment operators of all sorts and people with

related skills, such as surveyors and draftsmen.

The detachment spends one weekend per month on active duty; for two days of duty, each man draws four days of pay. Two weeks per year are spent on active duty, and this time, for government employees, is excused military leave which does not count against annual leave. Pay earned during



EQCM Phil Nelson

this time is in addition to pay normally received while on leave status for those who work for the government.

Anyone who is interested in joining Detachment 0217 of RMCB-17 is encouraged to contact EQCM Nelson by calling NWC ext. 2442. After working hours he can be reached by calling his home, 375-2263.

Information processing . . .

(Continued from Page 1)

to leave their own offices. Considering the distances between many Center's facilities, the travel time saved in driving to attend meetings is expected to be considerable.

Last November a sample of Center personnel underwent two kinds of interviews to help determine the amount of time spent on the telephone, in meetings, handcarrying documents, and writing trip reports, technical documents and papers for publication — all items that can be simplified immensely through ATIPS.

One small group was "shadowed" for one to two days by contractor personnel, who noted the amount of time spent in such activities. The other group was questioned in an hour's interview regarding estimates of time spent. This same type of interviewing is planned throughout the life of the prototype system to determine whether it does save time in comparison to a control group.

FEEDBACK ACTIVELY SOUGHT

Feedback is actively sought through the life of the ATIPS prototype so that the Center-wide system can be tailored to meet the needs of all users. Bill Matlock, chairman of the users group, is eager to hear from anyone who has ideas regarding ATIPS. He can be reached by calling NWC ext. 7452. The ATIPS Project Management Office is also publishing a monthly newsletter, the ATIPS Bulletin, to keep Center personnel abreast of the latest developments in the project. The newsletter is currently circulated in the "C" distribution list. Anyone interested in receiving the bulletin can also contact Matlock.

Other members of the ATIPS project team are Bill Shaner, functional manager; Don French, project manager; Clay Witherow, ADP manager; Donnie Goettig, office systems training manager; Richard Fryer, co-chairman of the users group; Jerry Zaharias, chairman of the security working group; and Bob Estell, chairman of

the tele-communications working group.

An optical character reader capability that can read several different type faces will make possible the transmission of messages and documents directly from the printed page without having to be keyboarded.

The ATIPS prototype system is now being installed in some offices of the Electronic Warfare Department, as well as in seven technical department offices. The prototype system equipment is being leased from the Xerox Corporation. Two types of workstations are being installed.

One of these is the Xerox 860, which consists of keyboard with a cathode ray tube (CRT) screen, floppy disc storage, and a printer. The Xerox 860 has "stand alone" capabilities that can be used for processing classified materials, always a concern in electronic communications. When not being used for classified materials the Xerox 860 will be connected to a local area network — "Ethernet."

The other workstation being leased is the Xerox Star — a professional workstation that has enhanced capabilities such as graphics display. Star keyboarding is easier for professional personnel to handle and learn. The Star has built-in "function" keys and does not require typing skills; it can be learned with half a day's orientation and the use of an on-line programmed learning text.

Names of NJP offenders can now be published

Commanding officers are authorized to announce the name, rate, offense and disposition of personnel awarded non-judicial punishment (NJP), according to a new change to the Navy Judge Advocate General Manual.

NJP announcements are authorized to be published in the plan of the day and to be posted on bulletin boards within one month of the imposition of NJP. NJP cases may also be announced at morning quarters.