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ROCKETEER

September 14, 1984

Desert Counseling Clinic plans series of self-help workshops

"Workshops for Living and Growing," a Nov. 19, from 7 to 9 p.m. adults will be offered this fall at the Desert St., Ridgecrest.

These workshops cover a variety of topics and are designed to teach skills for living and growing in a changing society. "Feeling Good About Yourself," the first

workshop of the series, deals with selfawareness and self-esteem. It will be held on Monday, Oct. 1, from 6:30 to 9:30 p.m. On each Tuesday, from Oct. 9 to Oct. 30, a

workshop on "Effective Communication" has been scheduled from 7 to 9:30 p.m.

"Adjusting to Ridgecrest," something newcomers may find helpful, will be offered in four 7 to 9:30 p.m. sessions on Mondays from Oct. 15 through Nov. 5.

A workshop on the subject of "Stress Management" will meet on Oct. 24 and Nov. 21, from 6 to 8 p.m.

In addition, there will be two workshops about dealing with children that will be offered for parents or any others who work with or are interested in children. "Childhood Fears" is the subject of a workshop planned on Tuesday, Nov. 13, from 7 to 9 p.m., while "Children and Divorce" is to be discussed on Monday,

Varied products on sale at retail store, other NEX facilities Sales on a variety of products, ranging

from grandfather clocks, stereo equipment and children's toys to automobile tires, are currently in progress at the Navy Exchange retail store or will begin next week at NEX facilities.

From Sept. 17 to 21, Diplomat grandfather clocks will be showcased at the NEX retail store and in the lobby of the Commissary Store from 10 a.m. to 5:30 p.m. This is a special, limited offer.

The automotive service center is offering auto tires at reduced prices. The service center also is providing a radiator cooling system check-up and a coupon worth one free gallon of gas provided the patron first purchases a minimum of seven gallons of gasoline at the NEX service station.

A special on children's toys will be ongoing until Dec. 15, with savings of up to 10 percent on Tonka toys.

Car wash set as fund raiser at gas station

A car wash, planned as a fund-raiser for a Christmas party that will be held by Navy Exchange employees, will take place tomorrow from 9 a.m. to 3 p.m. at the NEX Minsk, where the tour group she was with service station.

All NEX employees who can do so are ballet performances, and visited a school of urged by Jerry Hopper, manager of the

Weekend Roundup

Only two more performances of the China Lake Players production of the Neil Simon comedy, "God's Favorite," remain.

The curtain will rise at 8:15 tonight and tomorrow night at The Playhouse, located at the corner of Blandy Avenue and Lauritsen Road. The play, directed by Vonnie Goss, stars Daryl Vaughn.

Reservations must be made by telephoning The Music Man, 375-4001. General admission tickets are \$3.50, with a charge of \$2.50 for enlisted military, students, and senior citizens.

This evening the Enlisted Mess will serve a dinner special of steak and shrimp from 6 to 9 o'clock for those who would rather dine out than cook. Following dinner, Roy Bias, known as the "Boodie Bandit," will be playing taped and recorded disco music from 9 p.m. to 1:30 a.m. for those EM patrons who would like to stay following dinner and dance or listen to music

On Saturday night at the EM, the dinner special will be lobster, served from 6 to 8:30 p.m.

Los Amigos Hispanos are sponsoring a dance tomorrow night at the Exhibit Hall at the Desert Empire Fairgrounds and invite anyone who likes to dance to a variety of music to attend

La Armada, a band from Los Angeles, will provide the music from 9 p.m. until 2 a.m. Admission is \$7 per person or \$12 for a couple paid at the door.

series of personal growth workshops for Finally, a special workshop, "Counseling - Who Needs It?" will be given for those Counseling Clinic, located at 814 N. Norma who want to know what counseling is all about. This workshop, which will be held from 7 to 9 p.m. on Tuesday, Nov. 27, may interest those persons who know someone in need of counseling, or those people who want more information for themselves.

> Dot Landis, a graduate of the Academy of Certified Social Workers, will be the instructor of all the workshop sessions, except for the one on stress management, which will be led by Dr. Ross Kremsdorf and Karin Elmore, both of whom are affiliated with the Desert Counseling Clinic.

> The workshop on counseling is open free of charge. For all others, a nominal fee will be charged. Preregistration is mandatory for each workshop. This can be done by calling the clinic, phone 375-9781.

Tryouts scheduled Sept. 26, 27, 28 for CLOTA stage play

Tryouts for the comedy,"Bedroom Farce," will be held on Tuesday, Wednesday, and Thursday, Sept. 25 through 27, at 7:30 p.m. in the Community Light Opera and Theater Association's (CLOTA) building, 1425 Inyo St., Ridgecrest.

According to Bill Blanc, who will direct the CLOTA production, one of the show's strong points is its excellent comic characterizations.

He is looking for four men and four women to depict four upper-middle-class suburban couples. One of the couples is in its late 40s or early 50s, and the others are in their late 20s to early 30s.

Those interested in trying out may want to familiarize themselves with the script. Assistant Director Karen Buehler has placed a copy of the play at the reference desk of the Center library and at the Ridgecrest branch of the Kern County Library. These copies cannot be checked out, but can be read in the libraries.





WACOM RESUMES ACTIVITIES - Barbara Stephenson pours tea for Jo Miller, president of the Women's Auxiliary of the Commissioned Officers' Mess, at the "getacquainted" gathering of WACOM held earlier this week. WACOM membership is open to all women who belong to the COM as well as wives of members. Arrangements have been made for outstanding entertainment at WACOM's monthly luncheon - Photo by PHAN Greg Hogan meetings between now and next spring.

Rules for all three levels of photographic

competition are the same and are contain-

ed in Naval Military Personnel Command

Instruction 1710.4 dated Dec. 15, 1983.

Details about the rules and entry pro-

cedures may be obtained from the Recre-

For further information, contact Ms.

Peggy Pearce, Naval Military Personnel

Command (NMPC 11C), Washington, D.C.

A film slide presentation about a "Dance

Tour Through Russia" will be presented at

7:30 p.m. Tuesday in the Sylvia Winslow

Gallery of the Maturango Museum. The

Georgia Knutsen, owner and instructor of

She visited the cities of Leningrad and

studied ballet for seven days, attended

the Sierra Academy of Dance in Ridge-

crest, will share her experiences and the

highlights of a two-week tour of Russia.

ational Services Department.

20370-5000; phone (202) 694-8100.

program is open to the public.

'Dance Tour Thru Russia'

slated Tues. at museum

Interservice Photo Contest open to active duty Navy personnel

Amateur photographers on active duty the team scoring the most points. will have a chance to "go for the gold" in a series of photography contests that could give Navy the team trophy in the 20th Interservice Photography Contest.

The first level of competition is the regional photography contest which is open to Navy photographers of all skill levels. Entries may be monochrome prints, color prints, or color transparencies. They will be judged in one of four categories: military life, people, nature/science, and creative effects.

All entries must be submitted to one of four regional judging sites through local base recreational services departments or shipboard special services officers. Since entries must be received by the regional host commands not later than Oct. 29, 1984, commands will be setting their own entry deadlines

Winning photographers from the regional competition will be submitted to the All Navy Photography Contest hosted by the Naval Air Station, Memphis, Tenn., Dec. 7, 1984. At this level, U.S. Savings Bonds of \$100, \$75, and \$50 will be awarded to the top three winners in each category.

The final competition in this "go for the old" series is the Biannual Interservice Photography contest to be held at the U.S. Military Academy, West Point, N.Y., Jan. 18, 1985. The winning photographs from the All-Navy Contest, as well as the winning entries from other military services, will compete for the service trophy awarded to

Monthly Membership Night to be held next Friday at COM

Another gala Membership Night affair has been scheduled next Friday, Sept. 21, at the Commissioned Officers' Mess.

The evening's dinner, which will be served in the main dining room from 6 to 9 o'clock, will feature Italian cuisine, including chicken tetrazzini, ravioli and lasagna.

Following dinner, music for the dancing and listening pleasure of COM members and their guests will be provided by "Red Suitcase," a combo from San Diego, whose members will play country-western and top 40 music selections from 8 p.m. until midnight.

Tickets, priced at \$7 for COM members and \$8 for guests must be picked up at the COM office no later than 4:30 p.m. next Wednesday, Sept. 19.

Answers sought to questions raised by flood on Aug. 15

done now to ensure that a flood will not recur?'

According to the best information cur-

ry has raised a number of questions such as at China Lake was not a consideration in Engineers' study for NWC was completed "Why was the laboratory placed on a siting the Naval Ordnance Test Station in in 1979. floodplain? Have there been prior floods? January 1944, shortly after NOTS was And, if so, why haven't adequate corrective established on Nov. 8, 1943. The primary on the Center's vast lands each year, the measures been taken? And what can be concern of that time was winning a war by the quickest means possible.

Floodplain maps were first prepared for

While heavy rains have fallen someplace main site was spared flood damage until the 1960s.

On Aug. 21 and 22, 1961, heavy rains south the Indian Wells Valley by the Army Corps and west of the community, joining with

The Aug. 15 flood of Michelson Laborato- rently available, the possibility of flooding of Engineers in 1963; a separate Corps of 1.39-in. that fell locally, sent water pouring towards Michelson Laboratory. Clogged culverts and overflowing drainage ditches resulted in flooding in the basement of Wings 1 and 2, and water in the Sullivan Compressor Room, as well as in the heat treat room with its four furnaces.

Damaging floods in the area, according (Continued on Page 4)

nwc rocketeer



NAVAL WEAPONS CENTER

September 14, 1984

Vol. XXXIX, No. 3

Skills practiced by USAF unit that specializes in rescue, recovery tasks

"Operation Gallant Eagle '84," a massive munications gear as well. test of select military groups to fight a desert war on short notice.

Airfield have been nearly 90 members of and the 41st Consolidated Maintenance Squadrons stationed at McClellan Air Force Base near Sacramento, Calif.

Operating from HH-53 helicopters, the largest such craft in the U.S. Air Force inventory, it was the role of the 41st ARRS choppers, which acquired the nickname "Super Jolly" during the Vietnam War, to monitor radio communications in order to get word of downed airmen, or go into action when requests for such rescue missions were received from the Rescue Coordination Center.

According to Lt. Col. Dave Ellis, Deployed Mission Commander of the forces here from McClellan AFB, there were approximately 11 "safe landing zones" established in the Naval Weapons Center's northern range area.

Pilots and flight engineers manned the king-sized whirlybirds, taking with them pararescue teams varying in size from four to six members when a rescue mission assignment was received.

Their standard operating procedure during this exercise was to take off at around dusk in order to be able to take advantage of the cover of darkness to set the wheels in motion for carrying out a rescue mission.

Each member of such a pararescue team not only is a qualified parachutist, he also is a scuba diver and mountain skier, in ad-

An Air Force unit that specializes in dition to having extensive training in rescue and recovery of downed aircraft emergency medical procedures. Team pilots and their crews has been deployed members also are well armed, know what here for the past 12 days as participants in to do with their weapons, and have com-

If it is possible, the HH-53 helicopter lands in an area from which the search for Set up at the gun butts area of Armitage a downed airman is initiated. If the terrain makes a landing impossible, the men of a the 41st Aerospace Rescue and Recovery pararescue team can either use a rope ladder or rescue hoist while the chopper hovers, or parachute to the ground or into a body of water.

During "Operation Gallant Eagle," the members of the 41st ARRS had several opportunities to practice their skills under simulated combat conditions. This involved

DOUBLE TIME - In response to an order to scramble (get airborne immediately) one of the pilots and a crew chief of the 59th Tactical Fighter Squadron race toward a line of six F-15 Eagle aircraft based at Armitage Airfield during "Operation Gallant Eagle - U.S. Air Force photo

Fast-paced world of Tac/Air fighter squadron displayed here

Tactical Fighter Squadron during a mock

The fast-paced world of an Air Force on-going activities at the Naval Weapons Center for most of the past two weeks.

An area at Armitage Airfield was set aside for use of the personnel, aircraft and equipment of the 59th Tactical Fighter Squadron - a unit of the 33rd Tactical Fighter Wing headquartered at Eglin Air Force Base in Florida - during the squadron's participation in "Operation Gallant Eagle '84."

For the 90 members of the 59th Tactical Fighter Squadron who were deployed at China Lake, their involvement in this large-scale military operation began with the arrival here on Aug. 31 of two C-141 cargo aircraft used to transport maintenance and support personnel.

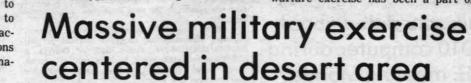
This advance preparation cleared the way for immediate response when the squadron was assigned its first mission a few hours after six of its E-15 Eagle air. craft landed at Armitage Airfield at around noon on Sept. 4, following a non-stop cross-country flight made possible by inflight refueling operations.

Operating during daylight hours, the principal mission of these F-15 jet attack aircraft has been to protect other friendly aircraft (mostly F-4s and A-7s) from any simulated enemy air threat, while the friendly aircraft attempted to knock out enemy ground targets.

"This has been excellent experience," Lt. Col. Bill Matthews, Commander of the 59th Tactical Fighter Squadron, said in reference to the tight schedule that had to be met in moving part of the squadron to China Lake and getting ready for the arrival a few days later of the aircraft.

This is very similar to what would have to be done in an actual contingency situation," Lt. Col. Matthews added, noting also that the types of missions that were flown were based on realistic scenarios of wartime contingencies. This exercise gave the F-15 pilots of the 59th Tactical Fighter Squadron the opportunity to "engage" a wide variety of Air Force and Navy planes that made up an opposing force of "enemy" aircraft.

A camera in the aircraft was used to re-(Continued on Page 3)



"Gallant Eagle '84," a Joint Chiefs of Staff military readiness exercise, began on Sept. 5 with the drop of a battalion of Army paratroopers of the 82nd Airborne Division from Fort Bragg, N.C., onto a designated area of the Army's Camp Roberts, near Paso Robles, Calif.

After that, however, most of the ground operations, took place at the Army's National Training Center at Ft. Irwin and at the Marine Corps Base at Twentynine Palms. Ground units were supported by the Air Force from 15 air bases as far east as North Dakota and Texas. Some 350 fixed-wing aircraft and 255 helicopters have taken part in the mock combat.

All told, some 50,000 military personnel from all branches of the military service were involved in "Gallant Eagle '84," which was staged to determine how well the U.S. military services perform together in simulated combat.

The maneuvers were under the direction of the U.S. Central Command, formerly known as the Rapid Deployment Force.

Locally, there were simulated aerial attacks by opposing forces (the Blue and the Red) not only in the Coso Range area, but also at the Electronic Warfare Threat Environment Simulation Facility (Echo Range).

The overall exercise was designed to simulate the rapid intervention of U.S. forces to help an allied nation beat off an invading force.



ARRS demonstrates its task of seeking out and bringing back to enabled the personnel of this squadron from McClellan Air Force friendly territory survivors of aircraft lost on missions against Base to practice rescue techniques in the local desert area.

(Continued on Page 3) warfare exercise has been a part of the

Page Two

ROCKETEER

September 14, 1984



JOB WELL DONE — Capt. K. A. Dickerson, NWC Commander, congratulates Chief Aviaiton Fire Control Technician Timothy G. Nixon as he presents a certificate of appreciation to AQC Nixon, who is the Command Career Counselor at NWC. The certificate was sent here by Rear Admiral W. D. Daniels, USNR, Deputy Commander of the Naval Reserve Force, in recognition of AQC Nixon's outstanding performance of his duties as Command Career Counselor since reporting to China Lake in February 1982. Chief Nixon was transferred to NWC from an assignment as aviation fire control technician detailer for the Bureau of Naval Military Personnel (Naval Military Personnel Command) in Washington, D.C. - Photo by PHAN Greg Hogan

Employee political restrictions covered by Hatch Act outlined

In this Presidential election year, civilian employees of the government must be aware of the restrictions placed on their political activity by the Hatch Act. The prohibitions apply whether they are on or off duty or in a leave status.

The general prohibitions on federal employees are that they may not use their official positions, authority, or influence to interfere with or affect the result of an election, and may not take an active part in partisan political management or in partisan political campaigns.

Prohibited activities include: Becoming a candidate for an elective

public office in a partisan election. Campaigning for or against a political party or a candidate in a partisan election.

Serving as an officer of a political party or as an officer or member of a national. state, or local partisan political organiza-

Soliciting, receiving, collecting, or handling funds for a partisan political purpose. Participating in fund raising activities

for a partisan candidate or party. Taking an active part in managing the

campaign of a partisan candidate. Initiating or circulating a partisan nominating petition.

Serving as a delegate, alternate, or proxy to a political party convention.

Using a personal automobile to drive voters to the polls on behalf of a political party or candidate in a partisan election.

The Hatch Act also specifies which actions are permissible. These activities include

Registering and voting.

Expressing personal opinions about

political candidates and issues.

Wearing political badges or buttons or displaying stickers on a private vehicle.

Making a voluntary contribution to a partisan candidate or party.

Participating in a non-partisan election either as a candidate or in support of or in

opposition to a candidate. Attending a political convention, rally, fund-raising function, or other political gathering.

Signing petitions, including nominating petitions

Petitioning Congress or any member of Congress, such as by writing to Representatives and Senators to present opinions about how they should vote on a particular

Any questions that any NWC employee has about the Hatch Act should be referred to the Personnel Management Advisor for that individual's department.

Talk scheduled about AD10 computer during IEEE meeting Monday

"What's So Special About the AD10 Computer?" will be discussed at Monday's luncheon meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers. (IEEE) which be held in the Chart Room of the Commissioned Officers' Mess starting at 11:30.

The AD10 is designed to perform very high speed simulations and interfaces to real hardware. It runs six-DOF simulations about 100 times faster than a VAX computer is able to.

The presentation will be made by Jim Annos, who has been with the Simulation Laboratory in the Weapons Department since 1979, and by Jerry Stevens, who has been with the Computer Sciences Division

sons. Advance reservations are not neces-

Tuesday, 4:30 p.m.

Tuesday, 11:30 a.m

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dep 505 Blandy. Unless otherwide specified at an ad, applications for positions listed in this column will be ac cepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. 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 pointers in the resolutions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook-C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Op portunity Employer; selections are made without discrimination for any nonmerit reason.

32536 - Performs foreman duties for China Lake and Salt Wells Laboratories involving machinery and process equipment used in research and development of propellants, explosives, pyrotechnics and related materials. sible for normal range of foreman duties including planning the sequence of operations and work of employees supervised; coordinating work with super-visors of other shops when required to complete scheduled work; inspecting work in progress and upon completion for compliance with standards and specifications; participating in personnel matters concerning employees of the shop; and maintaining records on production, injury, accidents and various other administrative items. Elements: Ability to: do work of position without more than normal supervision; read and interpret blueprints, diagrams, specifications, manuals, and technical directives. Knowledge of: theory, practice, techniques, and work methods of trades supervised; hazards and safety precautions in an explosive and propellant processing area; safety documents pertaining to the work area; Code 32's policies and procedures regarding the release of facilities to maintenance personnel; and system of warning devices and systems safety interlocks used in the area. Must carry out EEO policies and communicate support to shop employees. Supplemental required.

No. 32-127, Air Conditioning Equipment Mechanic Foreman, WS-5306-10, Code 32535 - Performs foreman duties for China Lake and Salt Wells Laboratories involving equipment used in facilities for research and opment of propellants, explosives, pyrotechnics and related materials. Responsible for normal range of foreman duties including planning the sequence of operations and work of employees supervised; coordinating work with supervisors of other shops when required to mplete scheduled work; inspecting work in progress and upon completion for compliance with standards and pecifications; participating in personnel matters con erning employees of the shop; and, maintaining records on production, injury, accidents and various other administrative items. Elements: Ability to: do the work of osition without more than normal supervision; read and interpret blueprints, diagrams-specifications, manuals, and technical directives. Knowledge of: theory, practice, chniques, and work methods of trades supervised hazards and safety precautions in an explosive and pro pellant processing area; safety documents pertaining to the work area; Code 32's policies and procedures regard ing the release of facilities to maintenance personnel; and system of warning devices and systems safety interlocks used in the area. Must carry out EEO policies and comunicate support to the shop employees. Supplemental

required. No. 31-080, Supervisory General/Electronics Engineer, Physicist, Mathematician, Computer Scientist, DP-801-855/1310/1520/1550-3/4, Code 3193 - Directs a multidisciplined staff which provides tactical aircraft system design, functional analysis, tactical software design, system and software testing for A4/A-7/AV-8B aircraft. Elements: Knowledge of operational software development, digital computer simulation, and the system engineering process; ability to work well with all levels of ent; comunicate well both orally and in writing; conduct detailed technical planning; manage personnel/ personnel problems (EEO). If filled at the DP-3 level, has potential to the DP-4. Promotion is not guaranteed.

No. 31-079, Interdisciplinary General/Mechanical/Elec-tronics Engineer, Physicist, Mathematician, Operations rch Analyst, DP-801/830/855/1310/1520/1515-2/3, Code 3191 - Responsible for integration of major avionics subsystems to form an aircraft weapon system. Performs tactical (Avionics) system trade off and design studies including detailed system functional design, interfacing requirements, and moding design. Elements: Knowledge of weapons system control functions; avionics equipment peration and interface; digital processing techniques

Secretarial opportunities

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

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. pplemental form is required and may be obtained a Room 100 in the Personnel Building. Job Relevan Criteria: Ability to perform receptionist and telephor duties; ability to review, control, screen and distribu ncoming mail; ability to review outgoin nce; ability to compose corresponden and/or to prepare non-technical reports; knowledge ing systems and files management; ability to mee the administrative needs of the office; ability to trai clerical personnel and organize workload of clerica staff processes; ability to plan and coordinate trave arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 36-160, Secretary (Typing), GS-318-4, Code 3664 -Provides secretarial support to the head, Integrated Logistics Support Branch. Status eligibles may apply. This is a readvertisement and previous applicants need not reapply

No. 31-081, Secretary (Typing), GS-318-4/5, Code 3114, Code 3114 - Provides secretarial support to the Branch.

No. 32-126, Electrician Foreman, WS-2805-10, Code associated with navigation, weapons delivery, and system moding. (2 vacancies) No. 31-078, Electronics Engineer, DP-855-2/3, Code 3151 Provides technical knowledge and support in areas of

signal processing and high voltage circuit design for lase iver systems. Works directly on analog and digital circuit design. Monitors contractor efforts in laser electronics development. Elements: Knowledge of electronic design principles and practices; experience in analog and digital circuit design and packaging; ability to interface effectively with employees at all levels; and to com-municate effectively, both orally and in writing. Status eligibles

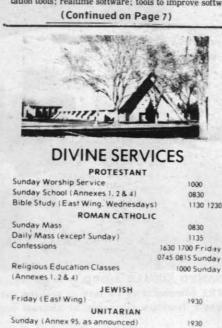
No. 31-073, Supv Gen Engr/Electronics Engr/Physicist/ Computer Scientist/Mathematician, DP-801/855/1310/ 1550/1520-4, Code 311 - Develops, maintains, and operates the Center Aircraft Weapons Systems Support Facility (WSSFs) for the A-4/AV-8, A-6, A-7, and F/A-18 Weapons Systems Support Activities (WSSAs). Provides the WSSF hardware and software, including user documentation, training, and consultation. Elements: Knowledges Avionics systems concepts for aircraft weapons systems. hardware, software, and interface requirements systems elements; hardware and software systems such as weapon delivery mechanisms and real time computer programs or radar systems. Understanding of Center support functions. Ability to effectively manage people and associated EEO problems. Status eligibles. Previous pplicants need not reapply. No. C-62-28, Multidisciplinary (Supervisory), General

Engineer, Mechanical Engineer, Electrical Engineer DP-3, DP-801/830/850, Engineering Technician DT-802-3, Code 62223 - Performes feasibility studies and investiga tions to determine the appropriate support and effort reuired to fulfill customer requirements for tests at SNORT and G-4 track. Designs the simplist and most cost effective method to achieve the required test configuraions. As Firing Officer has overall responsibility for the safe and efficient conduct of the test. Designs facility imrovements and modifications as required to fulfill the Track's mission. KSA's: Familiarity with test range operations. A- interface with customers, supervise a liverse work group.

No. C-62-27. Flight Test Specialist, DS-301-2/3, Code 62513 - Functions jointly and cooperatively with a military and civilian workforce, providing airspace safet in direct support of the RDT&E missions of NWC. Will assume training responsibilities for ASC operators, along with updating and revising the Air Traffic Control Manual and Standard Operations Procedures. KSA's: A-Comnunicate effectively orally and in writing; favorably represent NWC to other federal agences; work effectively across organizational and agency lines; graduation from the "Formal Basic Air Traffic Controller" course of any service or agency including surveillance radar practical application; satisfactory completion of the FAA Airman Written Test for Control Tower Operation (CTO) or other acceptable evidence of having passed the Airman Written Test: meet the physical requirements of Federal Aviation Regulations, (FAR) Part 67, and applicable Naval Directives (Class 2); working knowledge of FAA rules, regulations, FARs and manuals (i.e.: 7110.65) and capability of staying current with all applicable subject matter; work-ing knowledge of Air Traffic Control phraseology, with clear and concise voice projection. Status eligi

No. 00-017, Writer/Editor (Printed Media), DA-1082-2/3. Code 0033. Interviews, writes and edits news stories on varied subjects for Rocketeer. Coordinates assignments of photographers. Aids with page layout and headline writing. Responsible for weekly press run. Conceives plans and creates public information packages in support of Public Affairs Office. Prior experience or degree in journalism desirable. Applicants referred for selection will be required to submit copies of previously published material. Element: Ability to: write news stories weekly newspaper; work well with all levels of manage-

No. 35-041-84, Interdisciplinary (Physicist, Mathematician, Electronics Engineer, Computer Scientist), DP-/ 1310/1520/855/1550-3, Code 3515 — As a software engineer supports the Highspeed Anti-Radiation Missile (HARM) Peculiar Support Equipment (PSE) Software Support Activity (SSA). Will aid in development and maintenance of software for the PSE Missile Test Set, a task which involves 16-bit microprocessor hardware/software integration and debugging; software specification and documen ne software; tools to improve software



Official Weekly Publication Naval Weapons Center China Lake Captain K. A. Dickerson NWC Commander B. W. Hays

News Stories

Photographs

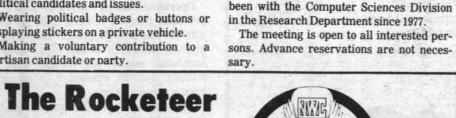
Technical Director

Dennis Kline Public Affairs Office

Don R. Yockey

Mickey Strang

PH3 Rick Moore PHAN Greg Hoga Staff Photographers



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September 14, 1984

ROCKETEER

Page Seven



DEFENDER CUT DOWN — James Delgado (82), a defensive secondary player for the Burros, turned in this running play by Dan Carrillo of Barstow, but was in no position to stop the ball carrier during this bit of action in the Burroughs vs. Barstow varsity grid - Daily Independent photo by Kevin Kassel

Burros lose 8-7 to Barstow...

(Continued from Page 6) produced a first down at the Ridgecrest team's 40.

Another pass - this time from Barkley to Allan Celestine - moved the ball to the Barstow 44. With the offense in danger of expiring, Barkely found Lewis in the open for a pressure-packed pass reception on fourth down that moved the ball to the Aztecs' 32.

The Burros then kept this drive heading goalward on a pass from Barkley that was hauled in by Jerry Gerrick just before he scampered out of bounds at the Barstow 19 with 24 sec. left to play in the game.

Two plays later - one a run by Lewis and the other a short pass reception by the Burros' tailback, gained 5 yds. - leaving only time for a last-second field goal try by Shields from the 30-yd. line that was partially deflected and missed the uprights.

Coach Vejtasa expressed pleasure at the way the Burros were able to move the ball on the ground. Two fumbles - one that turned the ball over to Barstow inside the

Bowlers of Premier League begin another year of competition

The Premier (scratch) League began another year of bowling competition this past Monday night at Hall Memorial Lanes. The Elks Lodge registered a 20 to 5 win over the Thrifty Wash Laundry keglers to move into first place, just one point ahead of the second place Joseph's Italian

Gardens squad that downed the Modern Trophy team by a tally of 19-6. Both the high team game of 937 and high

team series of 2,757 were turned in by the Elks Lodge bowlers.

Two Premier League keglers - Dick Reymore and Ken Dalpiaz - topped the 600 series mark with three-game totals of 620 and 619, respectively.

Dalpiaz was far and away tops in the single-game total department with a high game of 277. Reymore topped the 220 single game barrier by rolling a 230 game.

2 golfers from China Lake entered in SCGA team play tournament

Two members of the China Lake Men's Golf Club competed yesterday and today in the Southern California Golf Association's (SGCA) team match finals at La Quinta Golf and Country Club in Palm Springs.

They are Al Avery, an employee in the Electromechanical Division of the Fuze and Sensors Department, and Mike Sorge, who works in Trona for the Kerr-McGee

To qualify for the SCGA team match finals, Avery and Sorge posted a low net score of 64 during a tournament held recently at the Silver Lake Golf and Country Club, Silver Lake, Calif.

The tourney that is underway at Palm Springs is one of three being held to select the top 16 teams from each region to compete later in the SCGA finals.

Aztecs' 15 vd. line in the third quarter proved costly, but the Burroughs High passing game was good for a season-opener as Barkley completed two passes each to Gerrick, Delgado, Celestine and Lewis.

Their defensive play was another high point of the game for the Ridgecrest team. Coach Vejtasa added, noting that his players "did what they were supposed to do" and committed just one mental error in the entire game. He expressed the wish that the Burros, who were outweighed but not outfought, would learn to be a "little more physical" in their coming games.

testing and validation, and data reduction tools. Job

Elements: Knowledge of hardware/software integration

techniques. ability to design and write structured code in

at least one High Order Language, and to communicate

No. C35-043, Supervisory Program Manager, DP-340-3, Code 355 — Responsible for development and acquisition of a variety of radars and associated systems. Conducts

planning, staffing, and management of junior and mid-

level program managers, functions on a matrix management basis. EWTES is on a first forty work

schedule. KSA's - K - overall electronic warfare com-

munity and threat radar systems; willingness to support Federal EEO policies and goals; A- handle technical pro-

blems and assignments of marked difficulty in an engineering capacity, and to find a suitable approach and

NWC organizations, Navy and DoD agencies, and con-

tractors defining technical and management objectives

and controlling/reporting progress; plan, coordinate

interdisciplinary work force. Promotion pot. DP-4. No. C-35-042, Program Manager, DP-3, Code 355

Responsible for Early Warning radar systems. Conducts

new Early Warning radars. A matrix management tech

schedule. KSA's: K-concepts and technologies of elect

tronic warfare and threat radar systems: A- nlan, sched-

ule, and coordinate technical work as part of a major pro-

ject; interface with other technical personnel both within

and outside the immediate organization; communicate

clearly and effectively both orally and in writing; com-

pletion of the NWC Management Certificate Program, or

No. C-64-14, Bridge Position, Management Assistant,

nent, personnel, facilities planning, and budget

GS-344-5 to Administrative Officer, DA-341-1/2, Code 641 -

Provides administrative assistance in the areas of

fomulation for the division. KSA's: A- Conduct studies

advise on space allocation; manpower planning; for-

mulate institutional budget and apply controls. The in-

service placement provisions of Handbook X-118 may be

No. C-62-30, Ordnance Equipment Repairer, WG-6641-8

Code 62232 - Works/trains in the functional testing of

rockets, guided missiles, projectiles, high explosive items

and other ordnance and non-ordnance related items. The

work will be performed at the Ground Operations Branch.

May be required to work at other ranges operated by the

Center. KSA's: Reliability and dependability; shop ap-

titude and interest; A- follow directions; dexterity and

drivers and special equipment licenses. Promotion Pot.

No. C-62-30, Computer Specialist, DS-334-2/3, Code 62512

Metric Video is responsible for weapons test data

gathering and reduction utilizing video techiques. Plan-

operations and targeting; software development and

ning, scheduling, and coordinating technical work;

documentation; and operations procedures documenta-

tion. KSA's: Experience in software development and

documentation, analytical ability, experience in HP Basic

programming language desirable: A- interface effectively

with people and to communicate orally and in writing.

No. 39-064, Mechanical Engineer, DP-830-2/3, Code 3941

Will assume the position of project engineer for the

platform used in the low cost anti-radiation seeker. Will

identify design and environmental requirements, plan tasks, conduct tests, and control financial aspects of the

tasks. Job Elements: Ability to plan and coordinate;

knowledge of missile design and development process,

38102 - Provides administrative support to Physics Divi-

sion in budget administration, procurement, facilities,

No. 38-011, Administrative Officer, DA-341-2/3, Code

missile seeker, and control systems.

safety; work as a member of a team; acquire explos

WG-10. Status eligibles. Supplement required.

omparable experience or training.

nique will be used. EWTES is on a First Forty work

ning and overall management for the acquisition o

staff and direct a major technical program office with an

nunicate with other

well orally and in writing.

solution; coordinate/negotiate/cor

Results reported of OTHTC's 9th annual Rattlesnake Relay race

The ninth annual Rattlesnake Relay race, an event sponsored by the Over-the-Hill Track Club (OTHTC), was held recently attracting a field of 54 runners. They competed on 18 three-member teams that vied for medals in the open, family and allfemale divisions.

Each team member ran a 3.34-mile segment of the 10-mile course, which covered a route through the China Lake housing area - beginning and ending on the lawn in front of the Branch Medical Clinic on Blandy Avenue.

The final standings of each team were determined by subtracting a predetermined handicap (based on age and gender of the runners) from the total time it took the three runners to cover the 10-mile distance.

The Open Division was won by the Tortoises (a team composed of Tom and Mick Rindt and Dianne Lucas), who had a handicap-adjusted time of 55 min., 27 sec.

Second place in this same division went to the Big Talk Little Action Track Club (represented by Brice Hammerstein, Ben Herrera and Chuck Lewis). This group was clocked at 60:24 and was the team that crossed the finish line first, but had to contend with a less-favorable handicap than the Tortoises.

Third place in the Open Division was garnered by the trio by Alex Shlanta, Tom Marshall and Mike Stringham, who competed under the team name of Boy Alex and the Physical Culture Club. This group's time was 62:32.

Not far behind were Corky Furnish, John Sept. 29.

Promotional opportunities (Continued from Page 2)

management. Job Elements: Ability to plan, organize coordinate and complete variety of tasks; able to communicate well both orally and written; good knowledge of budget, personnel, procurement, facilities, and space nanagement is desired. No. 39-036, Electronics Technician, DT-856-1/2, Code

3941 - The work of the section involves the testing and repair of Electro-Optical seeker systems. Position supports the work of the branch in seeker assembly, and check out of all current and past working Electro-Optical systems. Job Relevant Criteria: Knowledge of electronic systems with background in electro-optical missi seekers; knowledge of electronic components mathematics and electronic test equipment. Promotio potential to DT-3. Previous applicants need not reapply.

No. 08-034, Travel Office Supervisor, GS-503-6/7, PD No. 8408005N, Code 08642. NOTE: This position is advertised as a 180-day detail for training in the substantive functions of the Travel Office. Upon successful completion of this detail the incumbent will be promoted/reassigned to the position on a permanent basis. The incumbent will be responsible for managing official passenger traffic, pro-viding technical assistance as required in travel and transportation matters, providing staff assistance to the branch and division, maintaining official subsidiary ledgers for travel costs, and computing entitlements. Job Elements: Ability to gain a knowledge of Joint Travel Regulations, DoD, Navy and locally established policies applying to transportation and travel, administration of travel orders, travel claim calculations, cost accounting procedures, and advance estimates; interface and communicate effectively with Center travelers and other per sonnel; supervise, plan and assign work; support and tment to NWC EEO policies and policies Promotion potential to GS-8

No. 14-003, Multidisciplinary (Program Analyst/Comouter Systems Analyst/Computer Specialist), DP-345/ 334-3, Code 1412 - Serves as Center's corporate expert on NWC's requirements for administrative workstati analyzes technology trends in workstation capabilitie adapts administrative procedures to available technology Job Elements: Knowledge of office automation systems, dministrative procedures, and computer-based system networking; ability to plan and manage complex, chnically-oriented projects involving contractor support; skill in analyzing computer-based systems. No. 14-002, Multidisciplinary (Program Analyst/Com-

puter Specialist/Computer Systems Analyst), DP-345/ 344-3, Code 1412 — Serves as Center's in-house technical expert on installed OIS workstations and OIS network; trouble-shoots network problems; works with vendor's systems analyst to solve technical problems; analyzes network performance characteristics; determines rents for new network hardware; provides technical assistance to users. Job Elements: Knowledg of and experience with office automation systems and computer-based system networking (particularly Xerox 8000 systems); knowledge of NWC organization, geography and facilities planning; skill in analyzing

No. 14-001, Multidisciplinary (Program Analyst/Com-puter Specialist/Computer Systems Analyst), DP-345/ 344-3, Code 1412 - Network manager for Center's Office nation System. Coordinates OIS planning with over NWC Computing and Information System planning; responsible for OIS operational budget; Center focal poi for vendor contracts; coordinates additions to and relocations of system components; manages facility installation planning; establishes procedures for and coordinates ef forts of individual net system administrators. Job Elements: Knowledge of and experience with office automation systems and computer-based system networkin (particularly Xerox 8000 systems); knowledge of NWC ation, geography, and facilities planning; ability to plan, schedule and manage technical, administrative, contractual work involved in network development;

skill at analyzing computer based systems. No. 33-129-84, Electronics Technician, DT-856-2/3, Code 3313 - Operates branch's antenna and backscatter facili-

Anderson and Bill Norris (Fire Earth and Wind) in the time of 62:43; the Traditionalists (Jerry Mumford, Mike Mumford and Jim Dixon), who have competed together in this event for the past eight years, 62:48; and Dawbee's Dogs (Bob Dalbey, Bob McDiarmid and Glenn Roquemore), 62:52.

In the Family Division, Ron, Jerry and Nathan Ryan (competing as Team Ryan) won with an adjusted time of 65:02. The Miles Runners (Mel Miles, his son, David, and daughter, Jodie) came in second in 72:12; and three generations of the Moore family place third. They were Mary Moore Kilpatrick, Bill Moore, her father, and Lance Kilpatrick, her son. Their time was 84:23.

In the all-female division, the trio of Lisa Stogsdill, Deanna Ripley-Lotee and Barbara Banaszynski won it with an adjusted time of 85:21

The runner with the best individual single lap time for the evening was Ron Ryan, who was clocked at 19:05. The runner-up was Bob McDiarmid, 19:19; followed by Tom Rindt (19:23) and Ben Herrera (20:08)

Dianne Lucas turned in the fastest time for a female runner by completing her 3.34-mile segment of the race in 22:18. Next best among the women runners was Mary Kilpatrick (23:29). Other good efforts were those turned in by Renee Barglowski (24:11) and Jerry Mumford (24:22).

Next event on the OTHTC schedule of activities will be a 4-mile run on Saturday,

ty; includes setup of test antennas, hookup of pro transmitter and receiving instrumentation and recording of antenna pattern data. Job Elements: Electronic fun entals; RF theory and analysis. Ability to operate controlled instrumenta

No. 32-128, Aerospace/Mechanical Engineer, DP-830/ 861-2/3, Code 3275 — Analyzes, designs and develops con-trol actuator systems for missile applications, with special emphasis on hardware development and system support in the area of electromechanical actuators and controller. Respectively, and the plane coordination and controllers. Responsible for plans, coordination and direction of both technology base and application activity, and for maintaining close contact with sponsors, program offices and industry. Job Elements: Knowledge of electromechanical devices, control systems analysis and design. Ability to prepare proposals to sponsors; coor dinate, monitor and review the work of associates; effect

dinate, monitor and review the work or associates, enco-tively communicate both orally and in writing. No. 32-129, Interdisciplinary General/Mechanical/ Aerospace/Chemical Engineer/Physicist, DP-801/830/ 861/893/1310-2/3, Code 3274 — Participates in the design and testing of solid rocket motors. Varied work includes and testing of solid rocket motors. Varied work includes project engineering, rocket design, heat transfer, stress analysis and motor testing. Broad based motor develop-ment work includes research, missile system-propulsion, support to fleet motors, propulsion hazard reduction, etc. Job Elements: Mechanical/aerospace devices, and hardware design; development ability and/or test transfer/stress analysis ability.

No. 32-130, Interdisciplinary Mechanical/Electrical Aerospace Engineer, DP-830/1855/856-2/3, Code 3273 -Participates in the branch's vertical launch missile adapation programs. Responsible for design, development and evaluation of missile flight control and propulsion subsystems requiring hands-on hardware work relating t both major missile development application and technology base programs including definition and coordination of missile hardware and software interface with Navy's Vertical Launcher System. Job Elements Knowledge of missile-related mechanical and electrical component design; control system; shipboard fire control and launcher interfaces. Ability to communicate effect tively both orally and in writing.

No. 25-048, Program Analyst, DP-345-3, Code 25011 -Works on financial models of ADP systems for functional sponsors; prepares and submits budgets; interfaces with functional sponsors on financial matters; prepares, evaluates and processes contracts and delivery orders; prepares program plans, schedules, and status reports tists and engineers in writing statement of work and independent Government cost estimates; per forms procurement analyses and planning. Substantia opportunity for use of computers for financial modeling cost reduction, and productivity improvement. Job Ele ments: Knowledge of NAVWPNCEN administrative, fiscal, and management process. Ability to develop and carry out analyses; present findings and recommendations orally and in writing; work well in a team situaiton work with financial data. Interest in ADP high desirable notion potential to DP-3.

No. 36-171, Equipment Specialist, DS-1670-3, Code 3661 — Performs work involving collecting, analyzing, inter-preting and developing specialisted information about equipment; providing such information together with advisory service to those who design, test, produce, procure, supply, operate, repair, or dispose of equipment; and/or developing, installing, inspecting, or revising equipment maintenance programs and techniques based on a practical knowledge of the equipment; including design, production, operational, and maintenance requirements. Job Elements: Knowledge in military tactical missile and/or aircraft systems and associated ground support and test equipment; missile logistics, maintenance and support principles; military command structure and how it relates to the development of tactical missile systems. Ability to communicate both orally and in writing with technical personnel; participate effectively as a member of a technical team.

Page Six

ROCKETEER

September 14, 1984

Burros nudged 8-7 by Barstow in varsity grid season opener

It was close but no cigar for the Bur- season-opening opponent for the North High an 8-7 loss to the Barstow Aztecs last Saturday night at the Barstow High stadium

The contest, originally scheduled at the Burros' playing field on Friday night, had to be postponed and moved to Barstow the following evening when a power outage made it impossible to light the Burroughs High gridiron for the game originally slated

Now, after being shaded by the narrowest of margins by a Barstow team that preseason prognosticators expect to finish in the top echelon of the San Andreas League, the Burros will be on the road again tonight to take on the North High Stars in Bakersfield

Kick-off time is 7:30 for the varsity contest, which will preceded by a sophomore team clash that will underway at 5 p.m.

The Burroughs High varsity will be the

roughs High School varsity football team, Stars, who have one of their strongest which opened the 1984 gridiron season with teams in recent years, and figure to be a power in the South Yosemite League.

Anyone writing a script for Coach John Vejtasa in his first season as head coach of the Burroughs High varsity football team couldn't have asked for a better beginning of last Saturday night's game.

Tim Lewis, fleet-footed tailback for the Burros, took the game-opening kickoff in the Barstow tilt and stumbled briefly before taking off on an 85-yd. touchdown run. Tony Shields added the point-aftertouchdown on a kick and the lightlyregarded Burros had a 7-0 lead.

Supercharged by this turn of events, the Burros varsity gridders settled down to more than hold their own against a Barstow team that remained scoreless until the first play of the fourth quarter, when Logan Ostrander, the Aztecs' veteran quarterback, plunged over the goal line from three yards out to cap a 70-yd. touchdown drive.

Chuck Hubauer, the Barstow coach whose team had been bottled up all evening by the Burros defense, elected to go for 2 points after the touchdown instead of kicking a field goal to tie the game at 7-7.

The choice paid off for the Aztecs when Ostrander fired the ball to Tony Roberts in the end zone on a play that provided the Aztecs with their 1-point margin of victory.

While the touchdown and 2-point conversion were critical factors in the Barstow victory, equally important was the play that launched the Barstow team on its lone scoring drive.

The Aztecs were in a bind on their own 29-yd. line with third down and 11 yards to go for a first down. Ostrander dropped back to try to toss a pass, and was nearly trapped at the Barstow 22 before breaking away on a run that gained 26 yds. and a first down at the Burroughs 44.

From there, the Aztecs moved the ball down the field to finally break into the end zone.

With most of the fourth quarter still left to play, the Burros continued to contain the Barstow offense, and the recovery by Chad Carrasco, a defensive tackle for Burroughs. of a fumble by Ostrander gave the Ridgecrest team the ball on its own 18 and a chance to pull the game out of the fire with about 3 min. left until the final gun.

Steve Barkley, who played a good game in his first start as a quarterback for the Green and White by connecting with receivers on 8 of the 15 passes he threw, hit flanker James Delgado with an aerial that (Continued on Page 6)

Maintenance work on indoor swim pool will begin Monday

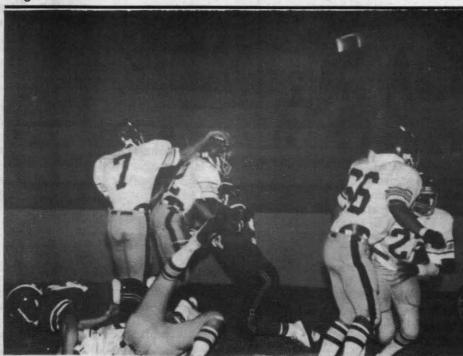
The scheduled maintenance of the indoor swimming pool at the Center gym, originally slated to begin last week has been rescheduled and will start on Monday.

While the indoor pool is being repaired, the Commissioned Officers' Mess swimming pool will be available for lap swimming from 10 a.m. until 1 p.m., Monday through Friday.

Swimmers interested in using the COM pool must have either military ID card or an Athletic Association membership card to gain admittance to the pool.

Once repair work has been completed, the winter schedule of operations for the indoor pool will be as follows: Lap swimming from 6 to 7:30 a.m. and 10 a.m. to 1 p.m., Monday through Friday; open swimming from 4:30 to 7 p.m., Mondays, Wednesdays, and Fridays. On Saturday and Sunday there will be lap swimming from 12 noon to 1 p.m., while open swimming is scheduled from 1 to 6 p.m. on Saturday, and from 1 to 5 p.m. on Sunday.

Individuals interested in joining the Athletic Association or who wish additional information about the pool schedule may call NWC ext. 2334.



GOOD PASS PROTECTION - This kind of pass protection gave Logan Ostrander, veteran guarterback for the Barstow Aztecs, ample time to throw the ball during the Burroughs High season opener at Barstow. It didn't happen all that often, however, as Ostrander's record for the night was 5 completions in 13 attempts, and two of his passes were intercepted by an alert Burroughs High secondary.

nwc rockeleer SPORTS

Boys 8 to 14 prepare for start of Youth Football League play

More than 100 boys ranging from 8 to 14 years of age are preparing for the coming season of Tri-County Youth Football League competition.

Practice sessions are being held by the four local teams that are entered in the league's Freshman, Sophomore, Junior and Senior Divisions. The teams are the Chargers (Freshmen, 8- and 9-year-olds), the Raiders (Sophomores, 9- to 11-yearsold); the Bears (Juniors, 11- to 14-yearsold), and Giants (Seniors, 12- to 14-years old)

In addition to a boy's age, his height and weight are taken into consideration in placing him on a Youth Football League team in order to ensure that players in the same divisions are as evenly matched physically as is possible

The team coaches and their assistants are getting their squads ready for a scrimmage against their counterparts from Boron on Saturday, Sept. 22, at Kelly Field on the Murray Junior High School campus. The Freshman tilt will begin at 9:30 a.m., followed by games between Sophomore and before the Senio Division contest winds up the day's action starting at 2 p.m.

Coaches of the four Indian Wells Valley entries in the Tri-County Youth Football League are Tom Gilbreath of the Chargers; Dave Patin of the Raiders; Ray Haleman of the Bears, and Dick White of the Giants.

The league is composed of teams from Trona, Boron and Kern Valley, in addition to the four local squads. League play will begin in earnest on Sept. 29.

A group of 33 young girls, under the direction of Margie Haleman, are involved as cheerleaders (eight per team) for the Indian Wells Valley teams that will be competing in the Tri-County Youth Football League.

MDISL golf tournament

The Mojave Desert Interservice Sports played at Vandenberg Air Force Base on Friday and Saturday, Sept. 28 and 29.

Active duty military personnel or DoD clubhouse.

Additional information can be obtained by calling the Center gym office.



ALL CHARGED UP — Kicking off after a game-opening touchdown run by Tim Lewis, speedy tailback for Burroughs High, the Burros varsity gridders were all charged up as they gave their counterparts from Barstow a rough time before losing 8-7 last Saturday night on the Aztecs' home field. - Daily Independent photos by Kevin Kassel

League-leading Bears tighten grip on 1st place in military softball

Because of the Labor Day holiday on a lock on third place in the league stand-Sept. 3, just two games (both scheduled on Wednesday, Sept. 5) were played last week The Bears, led by Stu Caldwell, who was by teams competing in the Military (slow pitch) Softball League.

on first place by knocking off the NWC O's 14-6 in one game, while the Hornets came through with a win over the Intruders to put

Flag football teams to vie in competition for Commander's Cup

Flag football will be the next athletic event in the Commander's Cup competition for 1984-85.

All games will be played at Schoeffel Field, starting at 6:30 p.m. on Tuesday, Wednesday and Thursday, Sept. 25, 26 and

Flag football action will open with a game between NWC Blue and NWC Gold on Sept. 25, and be followed the next night by the NWC Gold vs. VX-5 contest. The third League (MDISL) golf tournament will be and final contest will be VX-5 vs. NWC Blue on Thursday, Sept. 27.

Individuals interested in taking part in the flag football competition should contact civilian employees who are interested in the appropriate member of the Military participating in this event are invited to Athletic Committee. They are: for NWC sign up at the China Lake golf course Blue, Dave Reimers, ph. NWC ext. 5157; for NWC Gold, Kenneth Boswell, ph. NWC ext. 2016; for VX-5, David Vaught, NWC ext. 5208

not only the winning pitcher but had a three-for-four record at the plate (a double The Bad News Bears tightened their grip and two singles), took advantage of two big innings to knock off the officers' team. The Bad News Bears tallied five runs in

the bottom of the third inning to build up a 6-2 lead at the midway point in their clash with the NWC O's, and then wrapped up the win with a 6-run outburst in the fifth inning that gave them a 9-run lead of 13-4. Lawrence Cooper, centerfielder, was the

leading hitter for the Bears with two doubles and a single in four trips to the plate. while first baseman Darrell Purdy picked up a double and two singles in five times at bat for the league leaders.

In addition, Dwayne Powell and Ken Boswell both were two for three (two singles each) in the Bears' win over the NWCO's.

Long ball hitters for the NWC O's were Karl Schmidt, who had two doubles, and Steve Enwold with one two-base blow. Schmidt and Enwold each hit a single. Details were lacking regarding the

Hornets' vs. Intruders game, except for the fact that the Hornets, who won the game 13-10, were aided by a homerun by third baseman Terry Miller and two doubles by Dave Stone, left fielder.

Jim Flick, shortstop for the Intruders, also hit a home run in a losing cause for his team

September 14, 1984

ROCKETEER

The Skipper sez

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

QUESTION

Civilian Employee - It's my understanding that you're liable for a citation if you don't stop your car during the flag raising. I'd like to know what the particular circumstances are that a citation may be issued. Thank you. ANSWER

The standard policy on all military installations during the raising and lowering of our flag is for uniformed personnel to face the flag and render the appropriate salute; and for civilians to face the flag, remove any head covering and stand at attention. If in a vehicle you should stop at the side of the road and sit at attention until the conclusion of "colors."

At NWC, a police officer stops all traffic at the intersection of Blandy and Knox. This is to prevent confusion and to help alert motorists who may not realize "colors" are in progress. If a person fails to obey the direction of the officer who stops traffic at the intersection for "colors" he/she could be cited for "failure to obey direction of a police officer."

For military personnel the rendering of honors to the flag and/or national anthem is a requirement. For civilians it is a matter of respect and honor to our flag and anthem. While there may be no "law" per se that a civilian could be cited for, any citizen who would intentionally show disrespect for our flag and anthem should expect criticism and censure.

QUESTION

Civilian employee - I think that the recent improvements at the main gate have certainly given NWC a face lift. There is, however, a situation that I think is inexcusable. The plants that were placed around the Visitors' Center, as part of the landscaping, are simply being allowed to die.

I have purchased some plants for my own yard and I know that they aren't cheap. This seems to me to be a classic case of Fraud, Waste and Abuse with the emphasis on abuse! If the plants weren't going to be taken care of, why did we plant them to start with? Don't we have a contract for landscaping maintenance?

I guess living in the desert has made me more appreciative and concerned about the plants that we try so hard to grow here and to see plants allowed to die from neglect concerns me. Thank you for this column, which allows people, like myself, the opportunity to air their concerns and approvals. ANSWER

During the month of July the present Grounds Care Contractor encountered some problems with the new bubbler system at the main gate, causing a few of the new plants to go into temporary shock. Although these plants look questionable, relative to their appearance, I have been informed that they are alive and beginning to show new growth. Thank you for your concern. QUESTION

Civilian Employee - This morning I wasted a lot of time because the guard at the gate suddenly decided to say that my bumper sticker was too abraded to be usable. In replacing it I discovered I can put it on the windshield where it won't come off.

With the advent of these rubber bumpers, the stickers don't stay on very good, so it's a good idea. I think it should be more publicized that it's possible to put them on the windshield instead of on the bumpers.

Thirty years ago when I was with the Strategic Air Command at Travis Air Force Base, we had the decals on the windshield, and I always wondered why the

Navy said we couldn't do it. Now we can do it, I think it's a good idea to put them there on the inside of the windshield so they don't get all scratched up.

ANSWER I agree with you on the placement of decals, especially with the new bumpers.

Decals may be placed in the lower left corner (drivers' side) of the front windshield (with one caveat - it cannot exceed 5 in. square).

Future issues of decals will be accompanied with instructions regarding the proper placement of decals. Thank you for your concern.

Air rescue unit. . .

(Continued from Page 1) night remote site landings, searching for the downed airmen, hiding out during davlight hours after locating the survivor, and then moving the next night to a

predetermined location where the pararescue team and the survivor could be extracted. In addition to practicing their night, lowlevel infiltration capability, primarily in

the Coso range area of the Naval Weapons Center, the pilots and crews of the 41st ARKS helicopters sharpened the skills involved in mid-air refueling over an area south and east of Beatty, Nev. They also took advantage of the NWC range at Airport Lake for defeasive air-to-ground gunnery practice - firing the 7.62 mini-gun. whose six rotating barrels can lay down a heavy volumn of concentrated fire.



(Code 02A22) at ext. 2101 Were here to satisfy your equipment needs!



READY FOR ACTION - Sgt. Mark Boettcher, of the 41st Aerospace Rescue and Recovery Squadron, mans a 7.62 mini-gun located in the aft end of an Air Force HH-53 helicopter. The six-barrel gun can lay down a heavy volumn of concentrated fire.



BRIEF RESPITE - A ground crewman directs one of F-15 Eagle aircraft from Eglin Air Force Base to a parking spot on the runway apron at Armitage Airfield, following a mission flown in support of friendly forces participating in "Operation Gallant Eagle." The Proud Lions of the 59th Tactical Fighter Squadron averaged 12 flights per day during their part in the mock warfare exercise. -U.S. Air Force photo

Fighter planes on alert. .

(Continued from Page 1)

cord what happened during these mock air-to-air engagements, and depict the probable outcome had it been the real thing.

While here, the 12 pilots of the 59th Tactical Fighter Squadron who flew the aircraft, and the ground personnel who maintained them were on continuous air defense alert for immediate mission assignments.

In a typical situation, the Command Control Agency at Straw Peak (in the Randsburg Wash area of NWC) would locate "enemy" aircraft on its radar, and the pilots of the 59th Tactical Fighter Squadron would receive the order to take off and intercept such aircraft.

At other times, when the mission called for escorting "friendly" aircraft on a strike against "enemy" ground targets, the F-15s from China Lake, others from Vandenberg AFB (also from the 59th Tactical Fighter

posed of various types of aircraft depending upon the mission) would then skirt the southern part of the NWC ranges and approach from the west - continuing on to

Squadron) and from various bases in

California would rendezvous with aerial

This so-called "strike package" (com-

tankers 50 miles west of China Lake.

Death Valley before moving against target areas either in the NWC Coso range or in the range complex at Nellis Air Force Base in Nevada The squadron's final simulated combat sortie took place this past Wednesday

afternoon, and the six F-15s left here yesterday for a non-stop flight back to Eglin Air Force Base.

On behalf of the 59th Tactical Fighter Squadron, Lt. Col. Matthews expressed his appreciation to all those at the Naval Weapons Center who had a part in the support and assistance provided to his detachment during the "Gallant Eagle '84" joint military exercise.

Travel regulations pertaining to accident in rental car outlined

in a car accident recently while on travel.

The accident wasn't the employee's fault; however, the rental car company charged the employee a collision damage fee of \$1,000. This fee was refunded by the government to the employee within a week of the supplemental claim being filed.

NWC employees who are involved in an accident while driving a rental car on official business are advised to keep in mind that the rental car agency may charge them a collision damage fee (up to \$1,500 as stated in the rental car contract)

A Naval Weapons Center employee was regardless of fault, depending on the agency. Explanations and entitlements are as follows:

> 1. Joint Travel Regulations allow for reimbursement of the collision damage fee on a rental car accident if the accident occurred while traveling on official business, and if the driver was exercising due care.

> Official business includes: (a) transportation between places where the employee's presence is required incident to purpose of TDY; (b) between such places and places of temporary lodging; and (c) between either of the foregoing places to places necessary to obtain suitable meals, drugstores, barber shops, places of worship, cleaning establishments, and similar places required for the sustenance, comfort or health of the employee in order to foster the continued efficient performance of government business.

> 2. If you are charged the collision damage fee by the rental car agency, and for reasons beyond your control, you are unable to file a claim for reimbursement of the fee before you are charged interest by your credit card company, you may be reimbursed for the interest if you produce sufficient evidence of the cost, i.e., credit card statement.

> 3. For information on filing an accident claim, see form NAVWPNCEN 4650/65 which is attached to all travel orders.

Energy conservation tip

Use fluorescent lights whenever you can; they give out more lumens per watt. For example, a 40-watt fluorescent lamp gives off 80 lumens per watt and a 60-watt incandescent gives off only 14.7 lumens per watt. The 40-watt fluorescent lamp would save about 140 watts of electricity over a 7-hour period. These savings, over a period of time, could more than pay for the fixtures you would need to use fluorescent lighting.

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ROCKETEER

Plans under study to prevent flood damage...

(Continued from Page 1)

to the Corps of Engineers' studies, also occurred on Sept. 19, 1963; Sept. 3, 1964; Feb. 25, 1969; and July 23, 1974. The report notes that the 1964 flood resulted in \$278,000 damage to Michelson Laboratory.

Much of that damage occurred because culverts and the ditch designed to carry off water clogged rapidly and water backed up to the laboratory. Culverts clog because flood waters carry mud, silt, bushes and other floating debris, as well as enormous amounts of water.

The ideal solution to flood problems in the Indian Wells Valley, according to the Army Corps of Engineers, would be major flood control channels, but such big projects are very costly. In practice, most flood abatement measures are designed to the dollars available rather than to potential needs.

In 1974, the Center built a flood control channel suggested by the Corps of Engineers. The channel carries drainage water from Inyokern Road just west of the Ridgecrest city limits nearly 31/2 miles north to a low area north of the China Lake community. While this channel probably reduced possible damage from this year's flood, it and other existing ditches were inadequate to handle the water pouring down Inyokern Road on Aug. 15, 1984.

The actual flood was not only due to rain falling at China Lake or Ridgecrest, but also to rain that fell southwest of Inyokern and other surrounding areas. This water flowed mainly down Inyokern Road and down the paved streets leading to Inyokern Road. The waters converged at the Center's main gate, which is located at one of the lowest elevations in the area.

The ditch at the main gate rapidly overflowed when the culverts clogged. A sheet of water averaging from about 3 inches to more than a foot deep spread through the warehouse area and into the Michelson Laboratory compound.

Water deepened in the basement access areas, but the main flooding didn't occur until a massive reel used for telephone cable and stored in the basement access area floated and crashed through the doors into the basement. Once that happened, approximately 10 million gallons of water followed.

Severe as the flood damage was, Dan Butler, Michelson Laboratory coordinator, says that far more damage would have resulted if it hadn't been for the heroic efforts of Public Works Department personnel who turned off the main power to the laboratory before the majority of electrical equipment was engulfed.

Damage to the laboratory and its contents, as well as other facilities and the the Naval Material Command has provided necessary flood control measures to pre- more than \$800,000 to date. This time, convent future flooding, is currently estimated siderably less damage resulted although at about \$32 million. Special funding re- area rains were about as heavy. quests have been submitted to cover this

Dr. Dick Kistler, head of the Office of Finance and Management, says that help has been forthcoming from Washington in the past in case of disasters such as earthquakes or flood; Center management hopes that this will again be the case.

flood will also call for special funding, with

Police reports . . .

Midafternoon on Thursday, Sept. 6, China persons had entered the basement of Michelson Laboratory and removed three Defense next Friday, Sept. 21. tool boxes belonging to a contractor from Lakewood, Calif.

Contained in the boxes were various brass fittings, electrical fittings, drill motors and special drill bits whose estimated value is \$1,000. CAR THEFT REPORTED

The owner of a car that had been parked in the Bank of America parking lot reported that she last saw the vehicle in late August, but when she returned to look

The missing car is a red 1967 Chevrolet Camaro two-door, California license BRUT Supervisors who attend the class will 67. Estimated value of the car is \$3,000.



ANOTHER FLOOD? - Inundated by stubs written to replace items damaged in Michelson Laboratory by the flood are Debbie Reeves and Nancy Gilkinson (on phone), who are in the Supply Department's Small Purchase Branch. The amounts of materials of all sorts that need to be replaced on an urgent basis because of water damage have resulted in huge piles of stubs and many very long hours for Code 25 personnel.

the major mitigation measure, a new flood control channel, probably costing a little less than \$1,000,000.

The Corps of Engineers' floodplain maps, which proved to be accurate when the waters came, indicate the need for a channel that would pick up the waters from Inyokern Road just west of the main gate and would route these waters north toward the play

Such a channel (and the enlarging of culverts so that they will not clog readily) would divert the water that caused the Michelson Laboratory flooding. In addition, the current ditch to the east of the laboratory will also need to be enlarged.

That flood mitigation measures can be effective was demonstrated by the reduced amount of damage suffered at Salt Wells this year, compared to the amount that the rains in late August 1983 caused.

Damage to buildings inundated with mud last year was estimated at \$2.4 million. About \$1.6 million has been spent in flood repair and mitigation measures, of which

Floods are a fact of desert life, even though they may be spaced at intervals of decades

Each year some of the roads on the Center's vast lands are washed out by

Course in personal Eliminating the possibility of another safety, self-defense scheduled Sept. 21

Tom Gerrard, who heads the R&D Budget Branch of the Office of Finance and Management, will join Trish Brinkman of Lake police received a report that unknown Brinkman Associates of San Francisco, in teaching a class in Personal Safety and Self

> The class will be offered from 8 to 11:30 a.m. in the Mojave Room of the Commissioned Officers' Mess, and is open to everyone who wishes to attend. No advance registration is required.

The course was offered previously at NWC and was so well received that it is being repeated. It covers legal issues, verbal techniques of resistance, effective body communication, physical resistence at it Monday morning, her car was missing. strategies, and community resources available

receive EEO credit.

pounding rains and flowing waters. The Mountain Springs Canyon Road, for instance, is inundated by 6 to 8 feet of water most years, and the Randsburg Wash Road is flooded every two to three years. Most of this flood damage, however, is relatively negligible in repair costs since the majority of damage occurs to dirt roads that can merely be regraded. Such repairs normally are handled out of the Center's road maintenance budget.

Cost of digging a new flood control channel to lessen the danger of another massive main site flood, however, is large enough so that it cannot be met out of the Center's normal budget. A special funding request to handle mitigation of another flood is under by the Protestant Congregation of the All consideration and study

Turn in abstracts for symposium on embedded computers

One-page abstracts of briefs for a Symposium on Embedded Computing Technology, scheduled for the mornings of Nov. 6 through 9, are being sought. These should be submitted to the Embedded

Computing Technology Steering Committee by Friday, Sept. 28. The objective of the symposium is to bring together NWC managers, engineers and scientists working on mission-critical computer systems in order to share experiences in solving common problems.

The symposium will encompass managerial and technical aspects of embedded computer systems, and cover the full life cycle of these, including analysis, development, testing and maintenance.

Appropriate topics include management, planning, estimating, specifications, verification, validation, analysis, modeling measurement, design and development methods, testing, reliability, safety, documentation, quality assurance, configuration management, policies, procedures and standards.

While abstracts of briefs are sought (not to exceed two pages including references), papers will not need to be written. The briefs will be 15 to 20 minutes in length, allowing a few minutes for questions or discussion before the next briefing.

Although the briefs may be at the classified level, the abstracts should be kept unclassified so that they may be issued as an NWC Technical Memorandum following the symposium.

Further information may be obtained by contacting Linda Roush, Code 31103, NWC ext. 5674; Steve Fowler, Code 3303; Richard Fryer, Code 3511; Dave Rugg, Code 36501; Luke Crews, Code 3873; or Jim McGuire, Code 3922

Second film in series

The second film in the four-part movie series entitled, "Growing Up Whole in a Breaking Down World," will be shown at 7 p.m. Sunday in the East Wing of the All Faith Chapel

This second film is entitled "The Seeds of Self-Esteem." The film series is sponsored Faith Chapel

VX-5 picks aviation structural mechanic as its Sailor of Month

Felixberto A. Deleon has been singled out are the proud parents of Jason, 4, and for recognition as Sailor of the Month for newborn Justin. July by Air Test and Evaluation Squadron Five (VX-5)

Airframes Branch at VX-5, where his name inscribed on it, a 72-hour special libspecialty is working on the structures of all erty pass and one month free of duty. He the squadron's aircraft, including the A-6, also was permitted the use of a reserved A-7, A-4, and the F/A-18 Hornet. He also spends time working on the hydraulic systems of these aircraft.

In a letter to Petty Officer Deleon from Capt. Roger P. Flower, Commanding Officer of VX-5, the Skipper commended AMH2 Deleon for his "outstanding performance as a member of the Airframes Branch which has directly contributed to the successful completion of the squadron's mission.'

The letter further states, "You have done much to enhance the professional and military development of your shipmates. Your professional qualifications make you one of the command's most versatile and valuable maintenance technicians, and is an indicator of the extra effort you routinely display in the performance of your duties

Petty Officer Deleon, who hails from Manila, in the Philippine Islands, enjoys fishing and working on automobiles when he is not working at the airfield.

A veteran of more than 10 years active duty in the Navy, AMH2 Deleon joined the Navy at Subic Bay in the Philippine Islands because it was a secure job with a promising future.

Petty Officer Deleon and his wife, Royce,

Aviation Structural Mechanic 2nd Class have been at China Lake for two years and

For being selected as VX-5's Sailor of the Month, Petty Office Deleon received a let-AMH2 Deleon is currently assigned to the ter of commendation, a plaque with his parking space at Hangar One for one month



AMH2 Felixberto A. Deleon

least 90.

September 14, 1984

ROCKETEER

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NWC EMPLOYEES RETURN — Long-term training provided these NWC employees with the opportunity to learn more about their respective fields of employment. They are (I.-r.) Judy Lind, David Olanyk, Gene Jaeger, Cliff Hunter, and Toska Courbron. Jaeger earned a master's degree in mechanical engineering from the University of Colorado; Olanyk completed the studies necessary for a BS in engineering technology at Cal-Poly San Luis Obispo; Ms. Lind, an engineering psychologist, completed advanced studies at the Naval Postgraduate School; Ms. Courbron now has a bachelor's degree in business administration from Cal-State San Bernardino; Hunter is back from - Photo by PHAN Greg Hogan the Naval Air Station, Patuxent River, Md.

Designated beneficiaries should be kept up to date by employees

Be sure if your life situation has changed, their beneficiary listings are up to date by that you have also made appropriate changes in the beneficiaries that you have designated in your personnel records is the sage advice offered by the Center's Personnel Department.

All too often employees make out their designation of beneficiary statements when they first report on board, and then do not make needed changes if their family situation changes (by death of a spouse, marriage, divorce, etc.). Remarriage will not automatically change the designation of a former spouse as beneficiary.

In addition, people should be aware that if minor children are listed as beneficiaries or partial beneficiaries, the surviving parent must go to court to be appointed legal guardian for the children if they have not attained the age of 18 at the time the employee dies. This must be done so that the children can receive money due them.

Beneficiary designations should be made for unpaid compensation for a Center employee who dies, for Federal Employees Group Life Insurance, and for any lumpsum payments from the retirement fund.

Employees can check to determine if

requesting to see their personnel jacket at the Information Desk, Rm. 100, at the Personnel Department building. If any changes are in order, they can be made by contacting the appropriate Personnel Management Advisor.

Legislation helpful to fed'l employees major goal of FMA

Bun Bray, the National Executive Director of the Federal Managers' Association (FMA), is one of only 40 people invited by the prestigious Brookings Institute to a conference in October on "The Unfinished Agenda of Civil Service Reform - The Grace Commission Report."

One function of the FMA is promoting and supporting legislation that will benefit the Federal employee. The organization, as the largest of all groups representing both blue collar and white collar managers, often is called upon to testify before legislative groups.

Eligible for membership are all levels of supervisors and managers, as well as those who are defined by law, the Civil Service Commission, the Navy or NWC as being part of management with management responsibilities and therefore exempt from the Fair Labor Standards Act.

Dues, which may be paid by payroll deduction, are fully tax deductible

Anyone interested in further information about the FMA or interested in applying for membership in Chapter 28 (the local chapter) should telephone Donna Gonder, NWC ext. 3488; Beth Dale, NWC ext. 2911; or Earl LaFon, NWC ext. 3658.

Volunteers sought by NRS; class to be offered next week

A mini-course for all persons interested in serving as Navy Relief Soceity (NRS) volunteers will be held on Tuesday, Wednesday, and Thursday, Sept. 18, 19, and 20, from 8:30 to 11:30 a.m.

The course, which is sponsored by the China Lake Auxiliary of the NRS, will be at the NRS Office, located on Lauritsen Road, across the street from Schoeffel Field.

Day care will be provided for parents of young children who are interested in attending.

All those who plan to attend this 9-hour course are asked to make this interest known by calling the NRS office, phone 446-4746, no later than 2 p.m. Monday in order to reserve a place in the class.

Talk by member of space shuttle team to be rescheduled

The luncheon scheduled for today that was to highlight the Naval Weapons Center's celebration of Hispanic Heritage Week has had to be delayed; as of press time for the Rocketeer, no firm date has been determined when the speaker will be available.

Dr. Franklin Chang-Diaz, a mission specialist for the space shuttle, had to postpone his visit to NWC because of urgent NASA business; he was to be the speaker for the luncheon.

Those who have purchased tickets for the luncheon may use these when the speech is re-schedul.d.

Talk on saving archives

The restoration and recovery of NWC's flood-soaked archival materials will be the subject of a talk by Joe Burge, head of the Technical Information Department's Library Division, on Tuesday at 7:30 p.m. in the Community Room of the Desert Counseling Clinic, 814 N. Norma St., Ridgecrest.

Burge will speak at an open meeting of the Sierra-Panamint Chapter Society for Technical Communication (STC).

Graduates told of need for academic excellence

Because of the rapidly developing technological advances being made in all fields, "NWC can't afford not to provide academic excellence." Burrell W. Havs. NWC Technical Director, told a crowd of over 100 people who attended a recent luncheon honoring Naval Weapons Center graduates of external degree and fellowship programs

Due to the need for education, NWC is spending between 7 and 9 million dollars of its budget to accomplish this, Hays said.

He also noted that there has been a shift away from the traditional educational opportunities and emphasis is being placed on opportunities in the Equal Employment Opportunity arena. The ultimate goal of the Center, he said, is for "minorities and females to have increased opportunities in education, whether at the graduate or undergraduate level."

Dr. Steve Lee, the Education Specialist for the Training Center, served as master of ceremonies and introduced the deans of the universities that had graduates of external programs in attendance.

Dr. A. F. Ratcliffe, Dean of the School of Engineering and Computer Science, Cal-State Northridge, introduced graduates from that school. Master's degrees in electrical engineering were presented to Randall Cope and Mark Reynolds.

Dr. Dennis Hefner, Dean of Undergraduate Studies, Cal-State Univer-Safford, who has since been transferred to another duty station in Texas.

Dr. Harry Kelsey, Dean of the School of

NWC now accepting GS-2/3 clerk-typists who have PDS of 85

Effective immediately, the Center may accept applications for Clerk-Typist, GS-322-2/3, under a predetermined score (PDS) of 85 rather than 90, the previous level. All applicants also must meet basic qualifications as set forth in the OPM Handbook X-118.

Those who are applying for Clerk-Typist GS-322-4 must still have filed an application with the Office of Personnel Management in Los Angeles, and obtained a rating of at

Anyone interested in applying for a position as a Clerk-Typist under PDS must submit an up-to-date SF-171 (Personal Qualifications Statement), and either a "Notice of Rating or "Notice of Results" from the Los Angeles Area Office of OPM to the receptionist, Rm. 100, Personnel Department Building.

Business and Public Administration, Cal-State Bakersfield, introduced the graduates from that school.

Sandra Lee Schwarzbach, who has left the local area, was recognized for receiving a bachelor's degree in mathematics.

Bachelor's degrees in business administration were presented to Violet Barnes, June Cram, and Laura Lee Barrett Oliver, while master's degrees in public administration were received by Eric Kajawara and Paul T. Severson.

Dr. Edwin Royce, head of the NWC Research Department, introduced the six Center employees who participated in the long-term training program.

Toska Courbron received a bachelor's degree in business administration from Cal-State San Bernardino; David Olanyk received a bachelor's degree in engineering technology from Cal-Poly San Louis Obispo, and Catherine Rivera received a bachelor's degree in computer science from Cal-State Northridge.

As a Sloan Fellow, Bill Ball attended Stanford University and earned a master's degree in management. Gene Jaeger attended the University of Colorado at Boulder and received a master's degree in mechanical engineering, while Stephen Wolf, who was enrolled at UC Santa Barbara, received a master's degree in engineering and computers.

Other Center employees who benefited sity Chico, announced that master's from long-term training are Bill Effinger, degrees in computer science had been Judy Lind, David Koelsch, and Douglas earned by Michelle Bailey and Lt. David Ricks. William Hawthorne has completed advanced studies, and is currently working on a master's degree in electrical engineering at San Diego State University.

Roe Darnell, academic dean of Cerro Coso Community College, introduced the cooperative education graduates from that school. As he did so, he explained that co-op assignments are designed to combine related work and studies. He then introduced the 1984 graduates of the program who have concurrently worked and attended classes

They are Carol Baker, Barbara Banaszynski, Sandra Beach, Kathleen Beasly, Doug Gerard, Sharon Kenly, Julie Meeks, and Wendell Peters.

Other co-op graduates are Sharon Juarez, Anthony Kratz, Joan Nettles, Tammy Standard, Shawn Todd, Kyong Nickell, Mike Pruitt, and Brian Vargas.

Following these introductions, Darnell said that everyone involved in the programs owed a debt of gratitude to the employees at the Training Center. "They go that extra mile to see that programs are available to you," he told all of the gradu-

Cerro Coso Alumni Ass'n sponsors chili feed Wed.

The Alumni Association of Cerro Coso Community College will host its second annual chili feed on Wednesday, Sept. 26.

All past graduates of Cerro Coso are invited to take part in this "get acquainted" affair

The chili feed will begin at 11 a.m. and continue until 7 p.m. in the campus student center.

A choice of either hot or mild chile con carne will be served with a side dish of cornbread for the price of \$1.25.



HARD WORK REWARDED - Attending classes at Cal-State Bakersfield paid off for (I.- r.) June Cram and Violet Barnes, who both received bachelor's degrees in business administration, and Paul Severson, who now has a master's degree in public administration. -Photo by PHAN Greg Hogan