

FIRST FAMILY?—Adeline Belle (played by Vonnie Goss) introduces her husband Ringo Belle (Jack Thompson), as their daughter Liberty Belle (Vicki Arisman) watches in this scene from "The Campaign of Adeline Belle," this year's musical production by the Sweet Adelines. Adeline Belle runs for the presidency of the United States in this musical, which will be presented at Burroughs High School lecture center at 2 p.m. and again at 7:59 p.m. on Saturday, Oct. 15. Admission for the matinee is \$1 for students, senior citizens and enlisted personnel and \$3 for general admission. For the evening, the - Photo by PHAN Greg Hogan

Capt. Scotty Vaught and Kathy Vaught.

Other attractions include a tattoo parlor;

an assay office, where patrons can pan for

gold and buy beautiful rocks and jewelry;

According to Billie Hise, Maturango

household items are needed to stock the

general store, and donations of pies and

cakes that don't require refrigeration will

be gratefully accepted for the ice cream

Hungry visitors to the Junction can enjoy

a pancake breakfast beginning at 8 a.m.,

sponsored by the Kiawanis Club, or

homemade chili and cornbread for lunch, in

addition to hamburgers, hotdogs, and other

Reflecting the broad support of the Indian

Wells Valley business community, there will

be gifts of eight major prizes and over 40

Additional entrants are needed for the

chili cook-off. Applications are available at

additional prizes throughout the day.

the Maturango Museum office.

and a general store.

Annual Maturango Junction fete planned Oct. 22 at county park

The annual celebration and fund-raiser Dickerson, NWC Commander, will "ride for the Maturango Museum is fast ap-shotgun" on a staged marriage between

Maturango Junction, on Saturday, Oct. 22, will feature "An Old Western Town" in Kern County Regional Park, from 8 a.m. to 5:30

Highlights include an Old West fashion show, a display of custom, antique, and Junction chairman, contributions of specialty cars, and a children's costume parade, assorted booths and entertainment all day long. In the food department, there will be a pancake breakfast, a chili cook-off, and an ice cream social.

Slated to entertain at the Junction are local groups such as the Sweet Adelines, Barbershoppers, Spanish dancers, and the Jim Dandies square dancers. In addition, members of CLOTA will perform excerpts from the "King and I," and there will be less genteel entertainment such as an old-time bank robbery at noon and two shotgun

At 11:30 a.m., Ridgecrest Mayor, Don Cheshire will uphold the cause of honor with a shotgun, as he watches Don Brunson, Ridgecrest police chief, joined in wedlock to Susan Brunson, while at 3 p.m. Capt. K. A.

Patrons at NEX can win prizes as well as cut shopping cost

A variety of sales promotional gifts are currently being offered to patrons at the Navy Exchange retail store. Recent winners and the prizes they have received in-

Eugene Hicknon, a retired Air Force lieutenant colonel now living in Wofford Heights, received a pair of tickets to the Los Angeles Rams-San Francisco 49ers' football game to be played Oct. 23.

Tickets for National Football League games are drawn weekly in a joint promotion sponsored by China Lake and the Long Beach Navy Exchanges. Customers at either store may enter the contest, with winners picked each Wednesday during the entire NFL season.

Dorothy Harris won tickets to the San Diego Zoo and Diane Galicia won tickets to the San Diego Wild Animal Park at the grand opening of the Navy Exchange Toyland. Balloons and toy stuffed animals were given to children attending the opening, and clowns added to the festivities.

PNSN Carrie Clifford, who is attached to the Personnel Support Activity Detachment, was the recipient of a diamond pendant offered by the NEX in conjunction with the Rafael Gold Company.

Other promotions are planned in the future for shoppers who take advantage of values at the NEX retail store.

Date changed for concert by New American Ragtime Ensemble

Indian Wells Valley concert goers must wait a while longer to enjoy the music of the New American Ragtime Ensemble. The date of this first Indian Wells Valley Concert Association Program of the 1983-84 season has been changed from next Thursday, Oct. 20, to Tuesday, Nov. 1, in the Center theater at 7:30 p.m.

The ensemble had to rearrange its touring schedule to accommodate emergency surgery for its pianist, according to Carl Helmick, IWV Concert Association business

The New American Ragtime Ensemble, using the traditional ragtime orchestration of flute, piccolo, clarinet, trumpet, trombone, tuba, two violins, cello, piano, and percussion, has helped to restore this uniquely American form of music. Led by Tom Maguire (principal percussionist for the Oklahoma Symphony Orchestra), the group recreates a sensational period by appearing in turn-of-the-century formal dress and playing the ragtimes, waltzes, and two-steps of the time.

In addition to classics like Scott Joplin's "Bethena Waltz" and "Maple Leaf Rag" the first sheet music to sell over a million copies - the ensemble performs other ragtime works by composers such as Debussy, Stravinsky, Satie, and Blake.

Season memberships in the IWV Concert Association, priced at \$17 or \$21 each, are still available and may be ordered by

Reception scheduled in honor of NAVAIR Tech Demo Manager

Elizabeth Beggs, Technology Demonstration Manager, Naval Air Systems Command, will be guest of honor at a nohost reception on Monday, Oct. 24, at the p.m., and appropriate attire is desert

All of Ms. Beggs' friends on the Center are invited to attend. Those who do plan to attend the party are asked to telephone Eloise Hobby show is called of Burklund at NWC ext. 2634, by close of business next Thursday, Oct. 20, so that name tags can be prepared.

Seat belts good sense

Fastening children into safe car seats is a state law. Adults are supposed to have enough sense to realize that they need to be protected by a fastened seat belt.



A very limited number of tickets may be available at the door tonight for those who ady purchased their tickets for the Navy Birthday Ball at the Enlisted Mess. Tickets are \$7.50 each for the three-meat buffet dinner starting with a social hour at 6 p.m., and for the entertainment and dancing that will round out the evening.

Appropriate dress for the occasion is service dress blues for active duty military personnel, coat and tie for male civilian guests, and either cocktail dress or gown for civilian women guests.

Everyone is invited to get a jump on the 1984 election by seeing "The Campaign of Adeline Belle" either tomorrow afternoon at 2 p.m. or tomorrow evening at 7:59 at the Burroughs High School lecture center.

This musical show, starring Vonnie Goss as Adeline Belle, will be presented by the Sweet Adelines, assisted by members of the IWV Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America. Political campaigns seldom hold sounds of such sweet harmony as provided by these two groups.

Tickets for the matinee are \$3 for general admission and \$1 for students, senior citizens, and enlisted personnel. For the evening, tickets are \$4 for general admission, and \$2 for students, senior citizens, and enlisted personnel. +++

Rockhounds have been looking forward to "Gem-O-Rama 83" to be held in the Searles Valley tomorrow and Sunday. Three field trips highlight this event. There is a charge of \$3 per car for these trips that are led by geologists.

The outings will begin at 9 a.m. and 2 p.m. tomorrow and at 9 a.m. Sunday. Registration will be handled at the Trona Recreation Hall. Those planning to attend should take along small shovel and a rock pick. (Tailgate picnics are in order.)

Buying, selling and trading are limited to the Valley Wells camping area. An auction will include a Searles Lake geode that has nahcolite crystals. It will take place on Saturday at 10:30 a.m. and 3:30 p.m.

Anyone seeking further information should contact the Trona Recreation Hall by

telephoning 375-5600. (Active duty enlisted

military personnel and people under 21 or over 65 receive a 40 percent discount on season tickets.) In addition to the savings over singleadmission prices, members have reserved

seat assignments and receive first op-

portunity to upgrade seat locations when

renewing for the following season. The number of seats still available for the 1983-84 season is limited, with most of the current vacancies are in the \$17 area. Persons interested in purchasing season tickets are urged to act promptly for best selection among the remaining seats.

The sale of single-event tickets just for the first concert will be announced later. The quantity of such tickets is expected to be rather small, because of the high number of season-ticket sales.

Other programs during the 1983-84 season are the Western Opera Theater's presentation of "Madame Butterfly" on Nov. 30, the Los Angeles Guitar Quartet on Jan. 10, the Soviet Emigre Orchestra on Feb. 27, and Mime Musica on March 28. A baroque ensemble called Musical Offering will wrap on the season on April 26.

Discussion slated on major changes in writing, editing

"From Red Lead to Laser Beam!" will be the topic of the Tuesday, Oct. 18, meeting of the Sierra-Panamint Chapter of the Society for Technical Communication (STC), which will be held in the Flight Deck of the Enlisted Mess at 7:30 p.m.

Members of the Publications Division of the Technical Information Department will discuss the evolution of writing and editing Enlisted Mess. The reception begins at 6:30 functions in that department, and also will exchange views with members of the audience following the panel discussion.

All interested persons are invited to at-

due to lack of interest Because of lack of interest, the Community Light Opera and Theatre Association (CLOTA) has canceled plans to hold a hobby/craft show tomorrow and Sunday at the Desert Empire Fairgrounds in Ridgecrest.



FY 83 brings sizable increase in construction work here

1983 compared to FY 82 in new construction, maintenance service work, and architectural/engineering services were reported this week by the NWC Public Works Department.

New construction at China Lake during FY 83 totaled \$11,790,003, compared to \$7,446,087 during FY 82, while in the maintenance service line the figures are \$14,187,350 for FY 83 and \$1,815,422 for FY

The amount spent for architectural/engineering work in FY 83 climbed to \$1,181,570 - an increase of \$6,508 over the outlay for this purpose in FY 82.

The last four months of FY 83 were especially busy for personnel of the Public

In addition, just as soon as some minor informalities are cleared up, another seven contracts for work that will cost more than \$1 million are expected to be awarded. This compares with approximately 40 contracts valued at more than \$6 million during the same period last year.

The largest single contract award during FY 83 was for paving work at Armitage Airfield, which includes work on all taxiways, parking aprons, and a new entrance to the airfield, as well as some paving in the magazine areas just north of

This contract was awarded to the Asphalt

A total of 86 competitively bid contracts Calif., for \$2,696,000. This same company is just finishing a \$550,000 contract for the paving of various areas for \$188,852, in addition to new paving at a Propellant Processing Building that will cost \$12,950.

> Working through the Small Business Administration in Los Angeles, a \$775,000 contract was awarded to L&B Electric of Montebello, Calif. (a disadvantaged contractor) to install an electric power line to Land Site II in the Randsburg Wash area.

> Under that same program, Capt. H. H. Harrell, NWC Public Works Officer and Resident Officer-in-Charge of Construction. is now negotiating with the Small Business Administration in San Francisco to award a

Substantial increases during fiscal year Works Department's Construction Division. Construction Company, Inc., of Lancaster, \$500,000-plus contract to paint Michelson Laboratory.

Last June, a unique contract in the amout of \$79,066 was awarded to the Indian Wells Valley Association for Retarded Citizens for landscaping services in various areas along Knox Road. This contract, authorized under the Javits-Wagner-O'Day Act, took almost a year of negotiation with National Industries for the Severely Handicapped, and required the approval of a Congressional Committee.

The lengthy list of contracts awarded during FY 83 also included five for maintenance and improvement work in the family housing area at China Lake.

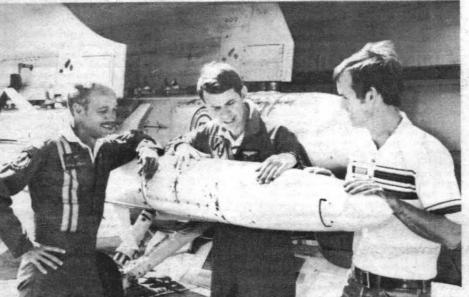
The C. Martin Company, Inc., of Ridgecrest was awarded one contract (in (Continued on Page 5)



October 14, 1983

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NAVAL WEAPONS CENTER CHINALAKE



CHECKING HANDIWORK — Three of the major contributors to the HARM program take a close look at the missile that has been the focus of their attention. Conferring are (I. to r.) Cdr. Bob Kapernick, Deputy Manager of the A-7E Weapon System Support Activity; Cdr. Joe Dyer, Associate HARM Technical Manager; and Darrell Maxwell, ALR-67 Test and Evaluation Engineer.

Plans moving into high gear for NWC 40th anniversary fete

Center's giant 40th anniversary celebration with air show and open house planned for Saturday, Nov. 5.

An international touch will be added by a flight demonstration by two Canadian Forces pilots who will be heading south just for the Center's anniversary. They will take part in the air show that is now scheduled to last more than two hours as both vintage and modern aircraft demonstrate their maneuverability and the skill of the aviators

Another Canadian Forces aircraft will join with the more than 70 aircraft on static display. These static aircraft date from 1929 (a Great Lakes) to the very newest military craft in the Navy, Marine Corps and Air Force inventory.

Displays of all sorts will also fill Hangar Three so that visitors will be able to spend their time in an interesting fashion between the hour that the gate opens - 9 a.m. - and the time that the air show starts at 11 o'clock.

Visitors will also be able to watch demonstrations of remotely piloted aircraft models when the Valley Vultures put on their air show at 10:30 a.m., and will be entertained by the music of Port and Starboard, a Navy band from San Diego.

The activity then moves to Michelson entice visitors to park. These visitors can at both airfield and laboratory.

then also see a wide range of the missiles that have made the name China Lake synonymous with excellence in ordnance, also in front of the laboratory.

The open house inside the laboratory (while not an opportunity for families to visit work spaces) will be more extensive than any since the Center's 25th an-

(and possibly the only) time to visitors will not have been possible without the outinclude the new Harpoon facility, among standing support of the Naval Weapons others. Major demonstrations of interactive Center. Of special note is the Herculean graphics, computer aided design and computer aided manufacture in (combination with the machine shop) will entrance computer buffs.

For those who want to rest their feet, a series of films of noted tests will be shown, local expert will also discuss the Soviet military threat. Old timers (and those who'd like to visit

with ole timers and hear how things were gathering at the Enlisted Mess that will

Laboratory for the afternoon events. A fortable shoes so visitors will be able to take program (OFP) for the airborne computer. military vehicle show in the parking lot will their time examining the extensive exhibits

NWC plays important role in Fleet introduction of HARM into A-7E aircraft

by the High Speed Antiradiation Missile (HARM) program — Fleet introduction in the A-7E aircraft

VA-146, stationed at NAS Lemoore, and attached to the USS Kitty Hawk that is homeported in San Diego, received the HARM introduction at the Lemoore Naval Air Station on Sept. 7 and 8. As the first Fleet Squadron with HARM capability, VA-146 gains a major new operational capability.

HARM is an advanced, high-velocity airlaunched antiradiation missile system, intended to succeed Shrike and Standard ARM. This third generation antriadiation missile was first conceptualized at NWC in 1969. NWC became the responsible field activity for its development, a responsibilty that included technical monitoring of the prime contract won by Texas Instruments.

The integration of HARM into the A-7E Corsair II is the single biggest integration effort ever faced on that aircraft. This integration required exceptional cooperation across departmental and branch lines by both military and civilian personnel of NWC, particularly in the last few months

This effort was reflected in a message signed by VAdm James B. Busey IV, Commander of the Naval Air Systems Laboratories that will be open for the first Command, that notes "This milestone could effort put forth over the last three months by

"During this time, the A-7/HARM/RWR (radar warning receiver) systems were given a final examination before being turned over to the Fleet users. As it turned along with other NWC films. In addition, a out, the final exam required more than expected. Sixteen-hour days and seven-day weeks became the norm as you successfully met this challenge.

"It is noted with great pride the service "in the old days") are invited to attend a that the Naval Weapons Center has provided to the Navy and to the country. Well done.'

Everyone is invited to attend and to invite The integration of HARM into the A-7 out-of-town relatives and friends to see navigation/weapons system requires the examples of the work of NWC. Cameras are HARM missile and computer, new radar definately in order - and so are com- warning receivers, a new operational flight and major wiring changes to the aircraft.

The HARM Technical Management Office

for the missile and computer. The HARM introduction makes a major contribution to the Fleet as HARM brings substantial standoff capability for tactical aircraft and an air-to-ground capability against almost every radar by detecting emitting radar sources and rendering them ineffective, which means that these radars would be unable to direct hostile fire on U.S. aircraft

The development of new radar warning receivers was accomplished through the work of the Avionics Branch (Code 3523) of the RF Division in the Electronic Warfare Department and the Naval Air Develop-

(Continued on Page 3)

Drivers will get reminders on use of vehicle seatbelts

A 30-day pre-enforcement program, aimed at making sure that all motorists are aware of the current regulation mandating the use of seatbelts by all vehicle occupants while on board the Naval Weapons Center, will be started on Monday by the Safety and Security Department.

During the 30-day period commencing on Oct. 17, special attention will be paid by Police Division personnel to the condition and availability of vehicle occupant restraint systems during routine traffic stops, vehicle inspections, and other contacts that police officers have with motor vehicle operators.

Seatbelts tucked under seats or inoperative will be considered positive indicators that they were not in use.

At the conclusion of this pre-enforcement period, China Lake Police Division personnel will begin issuing administrative citations to violators who are not in compliance with OPNAVINST 5100.12B, of June 24, 1983, which provides policy and guidance for implementation of the Navy Traffic Safety Program.

Portions of this instruction address the maintenance, availability, and requirements for the use of seatbelts by military personnel and Department of Defense employees in government and private motor vehicles while aboard a Navy



PROGRAM DISCUSSED - Pete Anderson (far left), executive director of the Disabilities/Substance Abuse Task Force, watches as Tina Rockdale, NWC Handicap Employment Program Manager, receives a brochure from Bob Wendt, a job placement specialist for disabled students at Cal State University, Long Beach while Ken Schmeling, president of the Board of Directors of the Disabilities/Substance Abuse Task

Qualified handicapped a good source of potential employees

became physically accessible to the inday-to-day situations. disabled, Pete Anderson told a capacity audience at the Handicap Employment Program luncheon held Oct. 6, but this did not mean that these places were attitudinally accessible for the disabled.

Anderson, the Executive Director of the Disabilities/Substance Abuse Task Force based at California State University in Long Beach, spoke at the luncheon. He and two of his staff also conducted morning and afternoon workshops for persons from the Center and the community about resources available for the physically disabled, substance abusers, and those who are both disabled and substance abusers.

The disabled are a major and largely untapped job resource, said Anderson. Employers must concentrate on what these individuals can do rather than what they can't do, he emphasized.

"Placing yourself in the position of helping the disabled," Anderson noted, "is valuable. We must encourage disabled persons to look for the jobs that they can do. It's difficult because there's no trust between the disabled and the temporarily able bodied.'

According to Anderson, those who are both disabled and are substance abusers suffer from double denial: most persons have difficulty in developing meaningful relationships with disabled persons, and seem unable to realize that a disabled person can be a substance abuser as well.

Substance abusers (whether disabled physically or not) have the potential to cure themselves with help from others. "We all need human support," he said.

Many of the problems that both physically disabled and those who are disabled by substance abuse have, according to Anderson, come about because they don't have the social skills that they need to survive in a community, skills such

Because of the Civil Rights legislation of as knowing how to budget, how to meet the 1970s, many facilities and work places people (other than in bars), how to function

He used himself as an example, commenting that one of the most difficult things he needed to undertake when he was undergoing rehabilitation after being an alcoholic was the learning of these social

the main purposes of the organization that he co-founded, the Disabilities/Substance Abuse Task Force, is to develop networks between groups that sponsor programs and have resources for the disabled and those that have similar resources and programs for substance abusers. When these groups get together, each is able to enhance the efforts of the others, and community as a whole benefits,

Any person or organization that would like to receive the newsletter that his organization publishes can get on the mailing list by telephoning Tina Rockdale, NWC's Handicap Employment Program Manager, at NWC ext. 3129.

Mistress of ceremonies for the program was Nancy Swallow, who is vice chairman the Handicap Employment Program Committee. She introduced committee members before calling on Capt. Scotty Vaught, Chief Staff Officer, for welcoming

Capt. Vaught pointed out that disabled but qualified persons can fill many of the Center's jobs, that such persons have a lot of talent, and that the Handicap Employment Program was designed to help the Center's managers and employers to tap that resource for NWC.



The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake

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NWC Commander

B. W. Hays

Public Affairs Office

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Phones 3354,3355

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this olumn will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2264. Ads will run for on week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is pecified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum ualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-18C. 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 Em playment Opportunity programs and objectives. Applicants must meet time in grade and qualifications equirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer selections are made without discrimination for any nonmerit reason

cement No. 33-037, General Engineer/Electronics Engineer/Physicist/Mathematician/Computer Scientist DP-801/855/1310/1520-1/2, Code 33131 — This position is at ne Encounter Simulation Laboratory (ESL), a detached China Lake facility located in Norco, California. The ESL is an automated measurement facility that simulates encounters of weapon systems with threat targets and measures the radar response to these targets. The indevelopment of the ESL facility. The incumbent's major area of responsibility will be development and use of control, data acquisition, and data reduction software. Job Relevant Criteria: Must be able to visualize spatial elationships and possess the mathematical tools to work with three dimensional geometry. Ability to work ef simultaneous tasks, and meet deadlines. Knowledge of uze/sensor systems, analytical modeling, and radar cross section measurement techniques are needed but can be earned on the job.

ncement No. 08-043, Accounting Technician, GS-525-3/4/5, PD No. 8008002N, Code 08642 - This position is located in the Travel Office, Accounting and Disbursing Division of the Office of Finance and Management. The ncumbent performs a variety of duties in connection with the functions of the Center travel control unit. Such duties include, but are not limited to, responsibility for the control and maintenance of travel and transportation costs chargeable to the Navy Industrial Fund (NIF) covering a variety of types of travel on civilian, military, invitational rmanent change of station travel orders. Job Relevant Criteria: Ability to work with figures and to maintain a high degree of accuracy with close attention to detail; ability to understand and apply regulations that will permit travel authorizations; ability to communicate actfully and effectively with all levels of personnel; ability to perform outine clerical duties; ability to operate an electric typewriter and calculator

incement No. 09-016, Staffing Clerk (Typing), GS-203-4/5, PD No. 8209003N, or Clerk (Typing), GS-303-4, PD No. 7909023N, Code 092 — This position is located in the Employment-Wage and Classification Division of the point of contact for individuals interested in employmen with the Naval Weapoons Center or the Federal government. The incumbent counsels prospective employee regarding the eligibility and application procedures. erves as central coordinator for OPM certificates of eligibles; coordinates registration of employees in the Program, and Automated Career Management System. Manages the Center's WAE Clerical Pool, receiving requests for placement and assigning employees Promotion potential: GS 6. Job Relevant Criteria: Ability to meet and deal with the public; knowledge of the Federal employment process; ability to interpret and apply complex regulations; verbal communication skills, ability ime increasing responsibility

Announcement No. 09-017, Personnel Clerk (Typing), GS-203-4/5 or Clerk-Typist, GS-322-3/4, PD Nos. 7465015/7000007, Code 096/097 — This position is located in one of the Personnel Service Divisions of the Personnel Department, Incumbent performs the following duties for a major department(s); processes all actions affecting ppointments, promotions, pay adjustments, separations retirements, etc.; performs noncompetitive qualification ratings, processes classification actions and maintains associated files and records. Job Relevant Criteria: Ability o deal tactfully and effectively with all levels of NWC mployees; ability to work under stress and pressure

Training opportunities

The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term raining opportunities for NWC employees grades GS-9 and higher. These training assignments are located in the Washington, D.C. area. The program is ed for cross training and anel at the middle, senior and executive levels. The training varies from 6 months to 2 years depending on the assignment. The employee selected will go on the training assignment at his current grade level and position description. Applicants nust be at the grade level listed in the notice. For information or to apply for the below listed training pportunities, contact Len Gulie or Donna Gage Code 01A2, Ext. 3793.

Interdisciplinary Position, DP-3/4 — This posi the Defense Advanced Research Agency (DARPA) specific responsibilities will include originating and developing major research and development programs including the development of overall management plans, making technical and policy recommendations to the Office Director and DARPA Director, and keeping these programs within the bounds of dollars, time, material and personnel resources available. The participant will keep abreast of scientific technology and advise the directors on all phases of research related to the assigned areas of

Areas of opportunity that can be developed exist in both tactical and strategic technology. Supporting science includes radar, radio, lasers optics, infrared acoustics, tructures, solid state, supercomputers, artificial intelligence, organic and inorganic chemistry, nuclear phenomena, and systems analysis. Specific technologies and program areas assigned will be generated from a review and a match between the background of the parcipant and opportunities within a specific DARPA office. Job Relevant Criteria: The individual must already have a air level of understanding and experience in program management and be reasonably well known through his or her technical endeavors. This person must have an ability to communicate orally and in writing, highly complex and technical matters to a very diversified audience. A rating

ability to plan, organize, and accomplish work tions: ability to type accurately and efficiently; ability to comprehend and apply regulatory information. Promotion potential to GS-6. Status eligibles may be considered.

October 14, 1983

Announcement No. 33-036, Quality Assurance Specialist (Electronics), DS-1910-2, Code 3315 - This position i located in the Design and Fabrication Branch, Sensor Systems Division, Fuze and Sensors Department. The incumbent will be responsible for keeping inspection records, inspecting fuze hardware for conformance with military standards and specifications, preparing test plans and procedures, preparing acceptance requirements, and performing acceptance testing. Job Relevant Criteria: Knowledge of electronic theory; current certification or ability to be certified as a Category F inspector under Navy soldering specifications WS-6536D, ability to perform electronic hardware inspection using a microscope knowledge of electronic test equipment; ability to com municate both orally and in writing.

Announcement No. 38-010, Digital Computer System Administrator, DP-301-3, PAC 8338591, Code 3872 - This position is located in the Computer Services Branch. puter Sciences Division, of the Research Department The Computer Services Branch is responsible for the acquisition, operation, and maintenance of automatic data processing (ADP) equipment and system software for the NWC Central Computing Facility (CCF). The incumber will be head. Computer Operations Section. The personnel of the Operations Section operate a Sperry 1100/83, VAX Honeywell Page Processing System, COMP-80 microfiche system and related peripheral systems. The incumbent will be giving technical attention to operations personnel, establishing and documenting operations procedures, providing an on the job operator training program, and establishing and monitoring work stations. In cumbent will schedule and monitor the system use and workload, plan and coordinate installation and moveme of hardware, cooridnate hardware maintenance, and emergency maintenance with the various vendors. Job Relevant Criteria: Ability to run a computer center operation, ability to supervise and provide leadership. ability to communicate well (both orally and in writing) ability to plan a project, a solid knowledge of the operation of a large scale computer facility in a service environmen willingness and ability to support the Center's EEO efforts Status eligibles may apply.

Announcement No. 39-41, Procurement Assistant, GS-1106-4/5/6, PD No. 8239016N, Code 3902 - This position is located in the Staff Office of the Weapons Department. The ncumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies equipment and services for the programs in the Weapo Department. This involves providing contracting and stub up and interface with Supply personnel. Job Relevant Criteria: Knowledge of the NWC Safety System. procedures; knowledge of acquisition procedures and regulatory requirements associated with sole source ADPE, Test Equipment Management Systems (TEMS) Defense Industrial Plan Equipment and foreign pur chases; ability to interface with personnel of all levels; ability to analyze and present findings

Announcement No. 33-032, Electronics Engineer, DP-855-2/3, Code 3331 — This position is located in the Surface Targets Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. The branch is responsible for the design and development of a wide spectrum of active optical, radio-frequency, and microwave concepts and devices for air-to-surface proximity fuze systems. The incumbent will be responsible for the design and development of unique target detection and ranging systems. The incumbent's responsibilities include syst analysis, the development and evaluation of alternative echnical solutions; and the design and testing of demonstration systems. Job Relevant Criteria: Knowledge and understanding of analog and digital electronic ystems; some knowledge of optical and/or systems; effective in written and oral communication.

Announcement No. 36-78, Quality Assurance Specialist (Electronics), DS-1910-2, PAC No. 8436503N02, Code 3681 -Branch, Product Assurance Division, Engineering Department. Incumbent supports technical personnel who



DIVINE SERVICES

Sunday Worship Service

Sunday School (Annexes 1, 2 & 4)

Bible Study (East Wing, Wednesdays)	1130-1230		
ROMAN CATHOLIC			
Sunday Mass	0830		
Daily Mass (except Sunday)	1135		
Confessions 15 mi	15 min. prior to Mass		
Religious Education Classes	1000 Sunday		
(Annexes 1, 2 & 4)			
JEWISH			
Friday (East Wing)	1930		
UNITARIAN			
Sunday (Annex 95, as announced)	1930		

Mini-triathlon set Saturday, late entries still being accepted

Late entry fees are still being accepted for a mini-triathlon, sponsored by the NWC Recreation Services Department, that will be held on Saturday, Oct. 15.

Three events make up the mini-triathlon. They are a half-mile swim, a 25-mile bicycle ride, and a 6.2-mile run. Entrants can compete as individuals or form teams of up to three members - one of whom will swim, another enter the bike race, and the third participate in the running race.

Entry forms for the mini-triathlon are available at the Center gym. The fee at this time is \$11 per person for those who bring or mail their completed entry to the gym

The mini-triathlon will begin at 8 a.m. on Oct. 15 with the half-mile swim in the Center's indoor pool, and the two outdoor events-bicycle and foot racing-will

All entrants will receive special T-shirts for their efforts, and there will be awards to the individuals who place first, second or third in the various age divisions of the competition, as well as first-place prizes for the winning teams.

Individuals will be placed in the Junior Division (17 years of age and under), Senior Division (18 to 35 years of age), and Veterans Division (35 years of age and

Men and women, boys and girls, will compete separately for awards in the minitriathlon. The age groupings do not apply to the teams, which can be composed of athletes of any mixture of ages.

Sidewinders extend first place lead in Premier League

The Premier (scratch) League lead held by the Raytheon Sidewinders ballooned to 16 points over the second place Thrifty Wash (formerly National Car Rental) keglers during Monday night's action at Hall Memorial Lanes.

The Sidewinders polished off the Hideaway squad by a margin of 22-3 as they rolled the high team game (973) and high team series (2788) for the night. The Elks Lodge team fell on hard times,

dropping back from second to fourth place as a result of losing 20-5 to Thrifty Wash. Jim Bowen came up with the best in-

dividual effort of the evening. He rolled a triple 200 series of 670 that was built on single game scores of 224, 225, and 221. Other Premier League bowlers who topped the 600 series mark were Pat Nalley

(642), Ted Zissos (612) and Allen Smith In addition to Bowen, bowlers with single game scores of more than 220 were Ernie

Lanterman (252), Nalley (249 and 225), George Bowles (230), Zissos (223), Eddie Davis (222) and Bob Hooper (221).

Raytheon Sidewinders	93		32
Thrifty Wash	77	S	48
Sport Shack	71	212	54
Elks Lodge	67		58
Buggy Bath	62.5		62.5
Hideaway			70.5
Modern Trophy			70.5
Olympia Beer			72.5
Joseph's Italian Gardens	50		75
The Place	43		82
lans being made fo	or		

Plans being made for volleyball tournament

Preparations are being made for a twoman volleyball tournament that has been scheduled on Saturday, Oct. 29, at the NWC

There is no entry fee for this event, nor will any awards be presented to the winners. Athletes wishing to compete in the volleyball tourney are asked to make this interest known by calling Jerry Kissick, the tournament chairman, at NWC ext. 3970.

The format for the tourney will be decided once the number of entries is firm. The deadline to register for this event is next



ROCKETEER

Scorpions, tries to control a loose ball despite close guarding by one of the East Foothill Rowdies. Sprinting for the scene of the action are Billy Hugo (at left), a forward for the Scorpions, and another player for the Rowdies. The Scorpions improved upon their record for the season with a home field 3-0 win over the visitors from San Bernardino

Scorpions split two games in Inland Empire Soccer League

The Ridgecrest Scorpions youth soccer second goal of the game. team followed up a .500 record on Oct. 1-2 by also splitting a pair of Inland Empire League contests this past weekend

The split leaves the Ridgecrest team in second place in the league's Western Division with a record of three wins, three losses and a tie.

The Scorpions were defeated 6-2 last Saturday by the Riverside Devils in a match played at the Poly High School athletic field in Riverside, but returned for a home game on Sunday in which they shut out the East Foothill Rowdies (of San Bernardino) by a

The game at Riverside on Saturday provided evidence of the Scorpions' improvement, in spite of the loss to the Devils, who are unbeaten this season.

In three previous matches against the Riverside team, the Scorpions had been shut out, so scoring two goals, even though losing 6-2, had to do something for the morale of the Ridgecrest team.

The Scorpions battled Riverside to a 1-1 tie in the first half of last Saturday's Inland Empire League tilt. Bill Ledden scored for the Ridgecrest team on a long free kick that defender for the Riverside Devils deflected into his team's goal.

The issue was settled by Riverside early in the second half, however, as the Devils hit four goals within a span of 20 minutes to take a commanding lead of 5-1. The Scorpions had a letdown during which they either lost the ball, or passed it poorly, and the Riverside team took of advantage of this to hammer in four unanswered goals.

The second and final tally of the game by the Scorpions was chalked up by Billy Hugo, who controlled the rebound of a shot by Jon Bainbridge to give the Ridgecrest team its

Burros lose . . .

(Continued from Page 6)

carrier, but officials detected a face mask infraction and the penalty moved the ball to the Santa Maria 27.

Two plays later, with the line of scrimmage at the Saints' 20, Aguon burst through the line only to lose control of the ball at the Santa Maria 4, where it was picked up by a defender - staving off a near-certain BHS touchdown.

When the Burros finally cracked the scoring ice in the fourth quarter, they gained good field position on fumbled punt that was recovered for the Ridgecrest team on the Santa Clara 17 yd. line by James Delgado.

Means got off a short pass to Tony Shields before being sidelined by an injury, and Blecha stepped in to pass for a touchdown and the 2-point PAT as well.

In this kind of bowling competition, one team member rolls the first ball and the other tries to pick up the spare if there are any pins left standing after the first ball. This Scotch doubles event will be divided into two divisions- the first consisting of a parent and child between 8 and 12 years of age. The second division will be for a parent

and a child 13 to 16 years of age. Entry forms are available at the bowling alley, and the entry fee is \$12 per team. The number of double teams permitted is 40 per

Parent-child Scotch

tournament slated

Saturday, Oct. 29, starting at 2 p.m.

Plans were announced this week for a

Scotch doubles bowling tournament that

will be held at Hall Memorial Lanes on

doubles bowling

Prizes to be awarded to the teams that place in first through fourth place in the two divisions of the Scotch doubles bowling tourney include bowling balls, bowling bags, \$10 gift certificates and free bowling games.

Additional information can be obtained by calling the bowling alley, phone NWC ext.

Youth soccer . . .

Continued from Page 6)

A pass by Kathleen Garrison set up a goal by Jesse Lattig, who opened the scoring for the Express in its 2-0 win over the Apollos. The game-clincher for the Express was tallied by Mike Ogren.

A penalty kick by Sean Cassidy that was good for a goal in the closing seconds of the first half was the only score in the Rowdies' 1-0 win over the Fury. In the second half of this tight, defensive struggle, the Fury was able to make its only goal hold up for the

A goal by Bruce Fyer, assisted by Bobby Shumway, got the Eagles off to an early 1-0 lead in their contest with the Cobras, but the Cobras matched that single tally with one of their own by Isaac Curran in the second quarter which tied the score at 1-1.

The score remained unchanged until the fourth period when Scott Foremaster tallied the game-winning goal for the Cobras. His efforts were nearly matched by Shumway, who narrowly missed scoring for the Eagles in the closing minutes of the game.

Energy conservation tip

There is a myth that says you won't save energy by turning down your thermostat at night because it takes more energy to warm up your home in the morning. This is not true. Setting the thermostat back for several hours each night will save energy.

-Promotional opportunities

(Continued from Page 2)

Sunday's game between the Scorpions and

East Foothill Rowdies was not as close as

the final score of 3-0 indicates. The Scor-

pions had the ball in their opponents' net on

two other occasions, but lost these scores

In addition, the Ridgecrest team missed a

number of other scoring opportunities when

the ball either was fired wide of the goal or

Scoring for the Scorpions in the match

with the East Foothill Rowdies was opened

by Bainbridge, who fired the ball into the net

Scorpions until the first minute of the second

half, when Bill Ledden controlled a pass

from Doug Dragovich and booted the ball

The final goal or the game, set up by an

assit by Piri, also was scored by Ladden

with just 10 minutes left of play in the game.

The schedule calls for the Scorpions to

travel to San Bernardino tomorrow for a

game with the Cosmos. Next home game for

the Ridgecrest team will be on Saturday,

Oct. 22, against Alta Loma at the Murray

The count remained at 1-0 in favor of the

after taking a pass from Scott Piri.

into the Rowdies' net.

Junior High Soccer field.

due to offside calls.

over the bar.

manage, control, or coordinate engineering logistic. operational, maintenance, test and equipment support; participates in change control and deficiency investigations for developmental and operational systems/equipment; and provides formal instruction for

Secretarial opportunities

his column is used to announce secretary position or 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 such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consis primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels of secretaries apply a considerable knowledge of organization, its objectives and lines of com-munication. Depending on grade level, typical ecretary duties are implied by the job relevan riteria indicated below.

Unless otherwise indicated, applicants will be rated gainst the job relevant criteria indicated below. upplemental form is required and may be obtained a Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephor duties; ability to review, control, screen and distribute ncoming mail; ability to review outgoing orrespondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge o ling systems and files management; ability to me ne administrative needs of the office; ability to train clerical personnel and organize workload of clerica staff processes; ability to plan and coordinate trave arrangements; ability to maintain and coordinate upervisor's calendar and to arrange conferences.

ncement No. 26-390, Secretary (Typing), GS-318-4 or 5, PD No. 8026015N or 8026055N, Code 266 - This position has promotion potential to GS-5. The incumbent serves as secretary to the head, Geothermal Utilization Division Public Works Department.

the High Yield/High Production Soldering class. Jol Relevant Criteria: Knowledge of procedures, standards and instructions applicable to Government Soldering Programs; ability to communicate effectively, both orall

cement No. 31-153, Interdisciplinary Electronic 1310-2/3, PAC No. 8431500, Code 3144 — This position is in the Weapons Integration Branch of the Aircraft Weapons Integration Department. The incumbent is responsible for of a major portion of the MIL-STD-1760 and Stores Management System related tasks being conducted in support of the Joint Air Force/Navy Aircraft Armamen Interoperable Interface Program. As such, the incumben works at a national and international liaison level with several Navy, Air Force, Industry, and NATO groups several aircraft and missile systems are involved. Job Relevant Criteria: Experience in project, system and software engineering, and/or system architecture studies. working knowledge of system and software ar chitectures, avionics integration, air crew controls and displays, safety and survivability, system self-check and BIT, algorithm commonality, signal conditioning and functional partitioning, data transfer and multiplex standards application; ability to deal effectively with personnel inside and outside government; ability to communicate effectively both orally and in writing.

Announcement No. 32-086, Instrumentation/Electronic Technician, DT-856-2/3, PAC No. 8432628, Code 3244 — This osition is in the Applied Science Branch of the Advanced Technology Division, Ordnance Systems Department, The incumbent will be required to apply electronic in strumentation techniques to set up, measure and record data derived from experiments and tests such as materials esting, propellant evaluation testing and gun firings. Duties shall include mechanical as well as electronic set up. Job Relevant Criteria: Must have completed training in electronic fundamentals and at least two years of handson instrumentation experience; ability to design and fabricate special instrumentation; ability to use hand and power tools; must be able to do normal lifting; must be able to be qualified as a firing officer; must be able to work engineers and scientists.

nwc rocketee **SPORTS**

NWC varsity vs. Ft. Irwin tilts to open basketball season

Sports fans who can't wait for the roundball season to get here will have the opportunity to see the NWC varsity basketball team in action here tomorrow and Sunday in games that have been scheduled against the Navy team's counterparts from Fort Irwin.

Tip-off times for both games, which are open to the public free of charge, is 12 noon

The NWC varsity cagers traveled to Nellis Air Force Base in Las Vegas last weekend for an early-season lesson in the game of

Very much overshadowed by the Nellis AFB hoopsters, the NWC varsity was trounced 104-64 on Saturday, and 114-74 on

The China Lakers, who trailed 47-32 midway through the game on Saturday, had two players in the double-figure scoring column at the end of the contest. They were Otis Fisher, with 16, and Phil Patton, who tallied 11. The Air Force team was led by the 27-point scoring effort of Harden.

On Sunday, the Nellis AFB team cruised to a halftime lead of 53-33 enroute to a 40point win of 114-74. Darren McPherson, top scorer for the China Lakers, tallied 16.

According to Roger Menard, coach of the NWC varsity, the China Lakers aren't yet to the point where they are playing together as a team, especially on defense. Menard also admitted to being outcoached by his Air Force rival, who has been working with most of his same players for a couple of

"They are quick and played more as a unit," Menard said in comparing the Nellis AFB squad with the NWC varsity team in its first game of the 1983-84 season.

Burros brace for Palmdale, after loss to Saints

ROCKETEER

It's back to the drawing boards tonight to work out a battle plan that will culminate in a win, as the Burroughs High School varsity football team launches the 1983 Golden League season at Palmdale

This evening's action against the Palmdale Falcons gets underway with a sophomore team contest at 4:45, followed by the varsity clash, which is scheduled to kick off at 7:30.

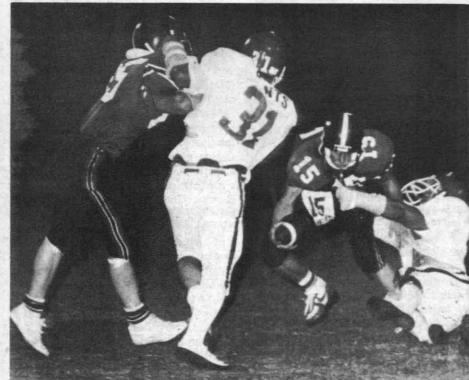
Both the varsity and sophomores ran into teams that were too much for them to handle last Friday when they took on their counterparts from Santa Maria High School the sophomores being outscored 17-6, while the varsity came out on the short end of a final tally of 20-8.

On their home field last Friday night against the Santa Maria Saints, the Burros' varsity saw a little too much of Eddie Johnson, the visiting team's all-CIF tailback, who gained more than 200 yds. trailed the Saints 20-0 at the half, held the the contest.

Santa Maria team scoreless for the remainder of the game. The Ridgecrest team tallied its lone touchdown in the fourth quarter, and came within 4 yds. of paydirt Shields for the lone tally of the night for on another drive which ended with a fumble that was recovered by the Saints.

The Burros, who gave away some weight advantage in the line, as well as quickness and speed in the backfield to Santa Maria, handled themselves well in spite of the loss.

Randy Aguon showed the kind of power running he is capable of, but Tim Lewis, check. Quarterback Daniel Means had a downs by Johnson tough night as his pass protection broke down and he found himself scrambling on nearly every attempt to get off an aerial.



QUARTERBACK IN TROUBLE — Why Daniel Means, quarterback for the Burroughs High varsity football team, didn't have one of his better games passing against the Santa Maria Saints is plainly evident in this photo. Means (No. 15), who was the focal point of a strong pass rush by the Saints, is seen trying to struggle out of the grasp of one Santa Maria player while Ted Ortega (No. 31), a defensive tackle for the visitors, moves in to further complicate things for the Burros' quarterback. — Photo by PHAN Greg Hogan

Whitecaps nip Tornadoes in youth soccer play

action in Division 5-6 of the Youth Soccer

On this, the second weekend of play in the Recreation Services Department-sponsored league, another 11 games were played by some 460 players competing on teams composed of youngsters in the first through

The Whitecaps made up for a seasonopening loss to the Rogues by getting one and Steve Savage. Tim Pogge was credited with an assist on the tally by David Shumway.

The Tornadoes cut the Whitecaps' lead to 3-2 on goals by Matt Mann and Will Freeman (assisted by Ken Ratcliff), but despite persistent effort, couldn't break through for another goal that would have

Results of other games played in Division 5-6 (for 5th-6th graders) were Rogues 6, Roughnecks 3; Diplomats 7, Sounders 0; Kicks 5, Surf 1.

In the high-scoring tilt between the Rogues and Roughnecks, Armando Valdivia tallied twice to lead the Rogues to a 6-3 win over the Roughnecks, whose improved passing set up goals by Kevin Collie, Lamonte Dawson and Lance Kilpatrick

Five players for the Diplomats got in on the scoring parade in their 7-0 shutout win over the Sounders. They were David D'Anza and Jacob Jones, with two goals apiece, and Derek Lindsey, Jeremy Osborn, and Ralph Jorgenson, who accounted for

Three goals by Mark Frisbee paced the Kicks to their 5-1 win over the Surf. In adgoal each from Bobby Eichenberg and Tim held at the conclusion of this event.

Tornadoes highlighted last Saturday's tally by Matt Duncan, assisted by Dean Mechtenberg, tied the score at 1-1.

Two games played last Saturday by Division 3-4 teams ended in 1-1 ties, while the Aztecs and Strikers were victorious over the Blizzard and Lancers by scores of 2-1

The Cosmos vs. Sockers tilt ended in a 1-1 draw, as did the game between the Earthquakes and Drillers. Chad Shedlock scored the lone goal for the Sockers, who goal each from David and Amy Shumway, were pressed hard by the Cosmos after a

Mary Ann Castor repeats as Ladies Golf Club champion

Mary Ann Castor repeated as champion of the China Lake Ladies' Golf Club during a three-day tourney held over the Columbus Day holiday weekend at the local golf

During the three-day, 54-hole event, Ms. Castor carded a 54-hole total of 278 to capture low gross score honors. The runner-up in this category was Eunice Emery, whose

Ms. Castor's name will be engraved on China Lake Ladies' Gold Club's plaque that hangs on display at the golf course clubhouse indicating that she is the 1983 club

The winner and top two runners-up in the low net score category (which includes handicap) were Sonya Giuliani (225); Nona Turner, the tournament chairman (227),

There were 21 entrants in the tournament. dition to Frisbee's efforts, the Kicks got one Prizes were presented during a luncheon

A 3-2 win by the Whitecaps over the Matson, while the Surf was held to a solo goal by Mike Matson, assisted by Ted

Dirk Hartman, goalie for the Cosmos helped preserve the tie when he saved a near-certain goal by deflecting a highkicked ball over the uprights. The Cosmos, who were pressing hard at the end of the contest, did score again, but time had run out before the ball got into the net.

The Blizzards showed improvement over their play the previous week, but lost by the narrow margin of 2-1 to the Aztecs. Goalscoring for the Aztecs was handled by Steve Lundwall and Matt Bullock, while Eric Reeves tallied once for the Blizzards.

A total team effort that produced a wellrounded attack was the coach's summation of the Strikers' 3-1 victory over the Lancers. After a scoreless first half, the Strikers clicked for two goals in the third period and another in the fourth before Jason Furnish. assisted by Chris Maloney, scored the lone goal for the Lancers.

Jonathan Rae, Carter Jones and David Charlon scored one goal each for the victorious Strikers. Assists on the scoring plays pistol marksmanship competition that is were credited to Charlon, Rae and Adam

One lopsided win by a score of 4-0, and three close games marked the second week of play by Division 1-2 teams of the Youth

The Owls rolled to a 4-0 win over the Chiefs, while the Express and Rowdies shut out the Apollos and Fury by scores of 2-0, and 1-0, respectively, In addition, the Cobras edged the Eagles 2-1.

The Chiefs, held scoreless for the second week in a row, couldn't contain the Owls, who got one goal each by Tiffany Marshall, Dustin Hayes, John Hutmacher and Christopher Blevens.

(Continued on Page 7)

rushing the ball and scored two touchdowns. linebacker, who shot the gap late in the To their credit, however, the Burros, who fourth quarter, and sat out the remainder of

October 14, 1983

Kevin Blecha took over the quarterback spot with a fourth down at the Saint's 11 vd. line and fired a touchdown pass to Tony Burroughs. Blecha also coolly zipped a pass that was on target to Steve Barkley for 2 points after the touchdown as the Burros cut the Santa Maria lead to 20-8 with 412 min. left to play in the game.

The Saints warmed up for the opening of play in their own league with a first period tally on a quarterback keeper by Pete speedy halfback, was kept pretty well in Duguran, and two second quarter touch-

> The Saints' game plan called for pitchouts by Duguran to Johnson on sweeps to the right or the left whenever critical yardage was needed in order to retain possession of the ball. This seldom failed to work as Johnson cut back, twisted and turned before being hauled down

> Duguran also had a fair night passing, his principal target being 200 lb. tight end Chris Dunning, but the Burros did a good job of containing Ted Ortega, the Saints' 200-lb. fullback.

Santa Clara's first touchdown of the night topped off a drive from their own 10. Duguran surprised the Burros with a quarterback keeper through the middle that was good for a gain of 37 yds. and 6 points. The PAT on a kick by Isidro Ordonez gave the Saints a 7-0 lead with just under 5 min. left to play in the first quarter.

The visitors smothered the Burros offense and were in good field position on their own 42 when they started their next touchdown drive, which ended on the second play of the second quarter.

The Saints set up touchdown No. 2 with a pass to Dunning that gained 12 yds. and a first down at the BHS 12, and then sent Johnson scooting wide to the right with a pitch out that picked up the remaining distance to the end zone. Once again Ordonez booted the PAT - giving the Saints a 14-0 lead 30 sec. into the second period of

The Santa Marians' final score of the game followed a pass interception that gave the visitors the ball on the Burros' 39. Three running plays later, Johnson exploded through the middle of the line for a 28-yd. gain and a touchdown. The PAT try by Ordonez missed the mark, but the Saints were in control 20-0 with 4 min. left to play in

The Burros lost a golden opportunity to score in the third quarter. The Burros defense stopped Santa Maria on the Ridgecrest team's 27 and, pumped up by this success, began to roll on offense for the first time in the game.

A 17-yd. gain on a short pass to Randy Augon, was followed two plays later by tackle by the Saints stopped the Burros' ball (Continued on Page 7)

Commander's Cup slate calls next for rifle, pistol matches

Next activity on the Commander's Cup schedule of athletic events will be rifle and coming up later this month.

Riflemen representing NWC Blue, NWC Gold and VX-5 will vie on Tuesday and Wednesday, Oct. 18 and 19, at the highpower rifle range located behind B Moun-

The Sierra Desert Gun Club will be the site for the pistol marksmanship event on Oct. 25 and 26.

Active duty military personnel interested in taking part in either the rifle or pistol shoots should call the appropriate Military Athletic Committee representative. They are: for NWC Gold, HM2 Jim Hamilton, phone NWC ext. 2911; for NWC Blue, AZ1 Dave Reimers, phone NWC ext. 5142; or for VX-5, AMH2 David Vaught, ext. 5215.

Atomic clocks in Calibration Lab are checked for accuracy

Assurance Division, is the location of highly be checked. specialized equipment that has an important support role in many of the tests conducted at the Naval Weapons Center.

Since there is no margin for even the tiniest error in timing and frequency of telemetry data that is received from missile flight tests, for example, it is highly essential that the equipment which provides this standard of measurement is itself as infallible as man can make it.

For this reason, two employees of the Naval Observatory in Washington, D.C., recently visited the Naval Weapons Center. They brought with them a portable atomic clock for use in coordinating the timing and frequency of NWC's own timing center for the Calibration Lab, where several atomic clocks are in use.

The visitors were Richard Keating, an astronomer, and Richard Walker, a time measurement specialist, both from the Naval Observatory in Washington,

Keating has the distinction of being the first person to fly around the world with an atomic clock as a test of Einstein's theory of

His purpose was to determine if circling the globe at a rate close to the speed of sound would have any effect on an atomic clock. He discovered that it did - causing the clock to run at a slightly slower rate.

Atomic clocks, it should be noted, are so named because they are powered by the natural resonance of the cesium atom.

According to Bill Weiss, who heads the Metrology Engineering Section in the Calibration Lab, the atomic clocks and allied equipment whose operation he oversees are part of an inter-range timing complex that ties NWC in with Edwards and Vandenberg Air Force Bases, as well as other facilities of the National Aeronautics and Space Administration.

Time and frequency references must be coordinated between the various air space users to avoid velocity data recording errors that could occur during a Cruise missile flight if this were not the case, Weiss

During the recent visit to China Lake by Keating and Walker, Wes Albaugh and Jessie Myers brought other atomic clocks

Radio Frequency **Technology Exchange** Symposium planned

The second Naval Weapons Center Radio Frequency (RF) Technology Exhange Symposium will be held from Tuesday through Thursday in the Michelson Laboratory Auditorium, Rm. 1000D Morning sessions will begin at 8, and the afternoon sessions at 1 o'clock daily. Secret clearance is required.

The symposium is for Naval Weapons Center personnel only; no contractors or off-Center visitors will be permitted to attend. This restriction has been established so that a relaxed environment can be provided for full and complete interchange of information between local workers in the

More than 50 papers will be presented. A list of the papers and their presentors is expected to be published in the NWC Announcements, and can also be obtained at the door before the beginning of each day's

Subjects to be covered include seeker systems, antennae, transmitters, components and materials, radomes and propagation, test and simulation facilities, and modeling and target signatures.

Personnel are strongly encouraged to attend as many of the sessions as possible, not just those in their specialized fields.

For further information contact Tony Estrada, NWC ext. 2768, or Bob Rowntree, NWC ext. 2049.

The Calibration Laboratory, a part of the here from Vandenberg AFB and NASA's Engineering Department's Product Goldstone Tracking Station near Barstow to In order to maintain the extreme ac-

curacy required from atomic clocks, these inter-laboratory timing correlation meetings will be held in the NWC Calibration Laboratory every six months.

Capt. Richard Truly chosen as head of Navy Space Command

Admiral James D. Watkins, Chief of Naval Operations, and James M. Beggs, Administrator, National Aeronautics and Space Administration (NASA), have announced the selection of Capt. Richard H. Truly as the first Commander of the Naval Space Command.

The Command was established at Dahlgren, Va., on Oct. 1, 1983.

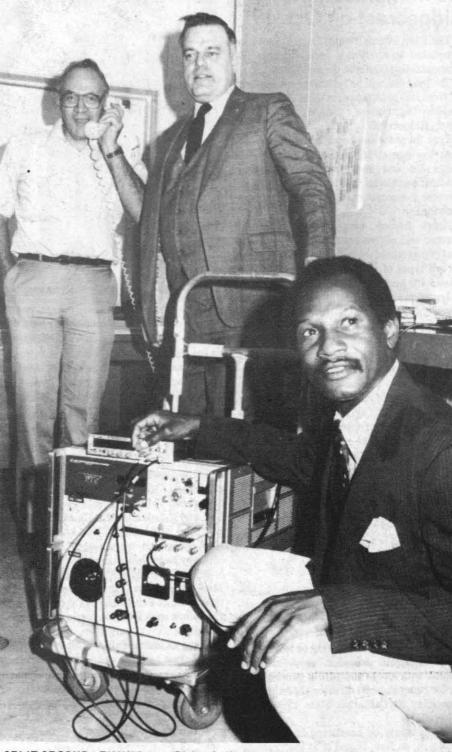
Capt. Truly, commander of the space shuttle Challenger for the eighth space shuttle mission, is the first astronaut to return to the naval service since NASA was formed 25 years ago. He made more than 300 aircraft carrier landings on the USS Intrepid and the USS Enterprise before entering the Air Force Aerospace Research Pilot Service, and subsequently being selected as an astronaut in August 1969.

Capt. Truly was the pilot on the second mission of Challenger's sister ship,

Secretary of the Navy John F. Lehman, Jr., announced the establishment of the Naval Space Command on June 15, 1983. It will centralize several Navy operational functions under a single commander to provide direct support to Fleet units

The Naval Space Command will include the Naval Space Surveillance System with headquarters at Dahlgren, Va.; the Naval Astronautics Group with headquarters at Point Mugu, Calif.; and elements supporting the Fleet Satellite Communications

The Naval Space Command will function in full cooperation with the Air Force Space Command and other Department of Defense



SPLIT-SECOND TIMING - Richard Walter (in foreground) has a portable atomic clock hooked up to similar equipment in the NWC Engineering Department's Calibration Laboratory. Walker and Richard Keating (standing behind him) came here from the Naval Observatory in Washington to check out the accuracy of atomic clocks that are in use here as standards for timing and frequency. They were welcomed aboard by Bill Weiss (standing at left), head of the Metrology Engineering Section in the - Photo by PHAN Greg Hogan

Although the Naval Ordnance Test Station had been established to work on rockets and had expanded its mission to include guided missiles, it was also in charge of underwater ordnance development for many years. Both at and engineers worked on torpedoes, on underwater-launched missiles such as Polaris, and on submersibles.

By the mid 1960s, Moray, a two-man deep-diving submersible, had demonstrated its operability, and both the Cable-Controlled Underwater Research Vehicle (CURV) and Deep Jeep were introduced to the Fleet. CURV, which had been designed to retrieve torpedoes, made headlines when it scooped up an atom bomb that had been inadvertently dropped in the waters off Spain. Deep Jeep was the first U.S.-made submersible to descend to 2,000 feet.

NOTS also turned its activities heavenward. In the late 1950s, in the NOTS Project, China Lakers attempted to air-launch a satellite; this led to Caleb in the 1960s, an experimental airborne satellite launching system. NOTS scientists and engineers also worked on an early experimental lunar soft-landing vehicle designed as a variable-thrust, vertical-landing device using hypergolic fuels for propulsion.

The major news of the mid to late 1960s, however, was the reorganization of the Navy laboratories. The Naval Ordnance Test Station became the Naval Weapons Center on July 1, 1967. Its Pasadena Laboratories and its underwater work were transferred to the Naval Ocean Systems Center (NOSC) in San Diego. NWC was given cognizance over the fuze and sensors work of the Naval Ordnance Laboratories, Corona.

Dr. Bill McLean, the NOTS Technical Director credited with being the father of Sidewinder, had become so interested in submersibles that he moved to NOSC. Bob Hillyer, who would become Technical Director at China Lake in 1977, became a Center employee when NWC assumed cognizance over NOL, Corona.

HARM milestone . . .

(Continued from Page 1)

ment Center, Warminster, Pa. While these new radar warning receivers are mandatory for the HARM weapon system, they also stand alone and represent a dramatic improvement in threat detection.

OFP NWC-4 was developed by the Weapon System Support Activity (Code 3105). This OFP not only integrates HARM into the Corsair II aircraft, but also provides a number of other features enhancing the capability of the aircraft's navigation/ weapons system. NWC-4 represents the largest, most comprehensive A-7 OFP effort ever conducted by the A-7E WSSA.

In addition, the Naval Weapons Center team played a key role in verifying aircraft wiring changes required in the A-7/HARM integration. Numerous wiring discrepancies were found and corrected, ensuring all Fleet aircraft were HARM-capable and the basic aircraft integrity of the navigation/weapons system was not disturbed.

While exceptional cooperation across multiple departmental lines by the military and civilian personnel of NWC was essential to accomplish this major milestone for HARM, of equal significance in the accomplishment was the cooperation and support provided by the NAVAIR sponsors: PMA-242 headed by Capt. Larry Kaufman and PMA-253 headed by Capt. P.V. Hendricks, and the A-7E Weapon System Manager at the Naval Air Rework Facility, Jacksonville, headed by Cdr. Gerald K.

Health Dept. slates flu immunizations in Ridgecrest on Oct. 19

The Kern County Health Department has scheduled another in a series of free flu immunization clinics in the local area.

The next one will be held Wednesday, Oct. 19, from 1:30 to 3:30 p.m. at local office of the Health Department, 250 W. Ridgecrest Blvd., Ridgecrest.

Free flu shots can be obtained by anyone over the age of 55, and also by those 13 years old and above who have certain medical conditions that increase the risk of adverse consequences if they come down with the flu.

Heart disease, lung disease, diabetes, chronic and severe anemia, and conditions that compromise the body's immune system all are types of medical problems that can worsen if a person catches the flu.

Symptoms of flu generally last for five to seven days and include high fever, chills, head or body ache, cough, chest pain, sneezing, runny nose and exhaustion.

Most persons will experience few or no side effects from the flu vaccine, other than a possible sore arm or a brief, mild fever. However, individuals with a severe allergy to eggs should not receive the flu vaccine, Health Department officials report.

Information on the risks and benefits of influenza immunization will be presented to everyone who attends one of the clinics. Children between 13 and 17 years of age must be accompanied by an adult.

Career guidance, counseling set for JPs starting Nov. 14

As part of its continuing effort to make the most effective use of its technical personnel, NWC will sponsor a career guidance and counseling program for Junior Professionals (JPs) beginning on Nov. 14.

The program includes an evaluation session with Dr. Willis Hill, a professional career counselor and director of testing and counseling at California State University, Bakersfield.

The tests will be conducted from 7:30 to 11:30 a.m. on Nov. 14 and 15 at the Training Center. Follow-up individual counseling sessions will be held in mid-December.

To provide new professionals with information that can be helpful in planning their careers at NWC, subjects to be covered will include present technical or managerial capabilities and potential for future development, preferences in work environment, and additional training

Also explored will be the individual's suitability for the five basic types of jobs at NWC: analysis, development engineering, applied research, design engineering, and

JPs who are interested in this evaluation and planning process should call Marie Duff, NWC ext. 2686, by Oct. 21 to reserve a

Navy Hotline

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

NEW FACILITATORS - Completing Supervisor Skill training Lawrence R. Bailey, MS1 Miguel C. San Juan, AD1 Jon R. Copeland recently under the instruction of YNCS Robert E. Bennett (frontrow, RM1 Lawrence R. Nolan, Jr., and AK2 Lyle C. Walters. In the third far left) and FTCN (SS) Larry C. Mueller (front row, far right) were, row are AE1 William H. Killinger, ET2 Richard L. Hunt, AT2 in the front, (I.-r.) MSC Andresito S. Nacu, PNC Alberto F. Dechico, Charles A. Kiss, AE2 Brian W. Kudrna, and MS1 Robert E. Mulligan, AGC Randall L. Braddock, SMC Marvin E. Dukes, AC2 Rita L. Behind them are AMS1 Michael G. Fedak, AS1 Thomas L. Boden, Patterson, AC1 Tina L. Evans, and AT2 Philip D. Oliver. In the FTG1 Robert O. Hoffman, AMS2 Roy K. Dove, AO1 Steven Uman, second row are ABH2 James W. Horton, AC1 James R. Reed, AE2 and AZ2 Don J. Welch.

Facilitators to teach Supervisor Skill Training

ROCKETEER

classwork to become facilitators for Supervisor Skill Training, a cadre of 25 E-5, E-6, and E-7 personnel at China Lake is now qualified to share its knowledge of leadership and management with junior military personnel on board.

Volunteers complete course

YNCS R. E. Bennett and FTCM (SS) L. L. Mueller from the Naval Aviation Schools Command at Pensacola, Fla., conducted the classwork with the volunteer group of NWC These 25 individuals will be divided into

four teams, which will handle the mandatory E-4, E-5, and Chief Petty Officer Supervisor Skills Training in each of the advancement cycles throughout the year.

The training covers such subjects as communications, effective listening,

responsibility and accountability, authority and power, motivation, management, leadership, drug and alcohol awareness, equal opportunity, performance analysis and performance appraisal.

Supervisor Skills Training is more of a workshop than a class in that the experiences of the group are used to serve as a basis of the learning experience. Participation by all attendees in Supervisor Skill Training is not only encouraged, but considered vital.

NWC military personnel were asked to volunteer to become members of the training cadre; from these volunteers were selected those people who showed the greatest potential as facilitators for

According to AD1 Russell Godbey, who coordinated the Supervisor Skills Training workshop for NWC, those who are now qualified facilitators for the workshops

October 14, 1983

AGC R. L. Braddock, PNC A. F. Dechico, SMC M. E. Dukes, MSC A. S. Nacu, AMH1 T. L. Boden, AD1 J. R. Copeland, AC1 T. L. Evans, AMS1 M. G. Fedak, FTG1 R. O. Hoffman, AE1 W. H. Killinger, MS1 R.E. Mulligan, AC1 J. R. Reed, MS1 M. C. San Juan, RM1 L. R. Nolan, Jr., and AO1 Steven

Also becoming facilitators were AE2 L. R. Bailey, AMS2 R. K. Dove, ABH2 J. W. Horton, AT2 C. A. Kiss, AE2 B. W. Kudrna, AT2 P. D. Oliver, AC2 R. L. Patterson, AK2 L. C. Walters, AZ2 D. J. Welch, ET2 R. L. Hunt, and RM1 L. R. Nolan, Jr.

Self-help office orders shrubs for planting this fall

With cooler, fall season weather at hand, the Self-help Office in the Housing Division has ordered 500 shrubs suitable for planting by tenants at residences on the Naval

The plants, chosen because of their suitability for growth in the local desert area, are expected to arrive near the end of

They will be issued free of charge to tenants of Navy housing, who also can obtain fertilizer at no cost and borrow rototillers, shovels and rakes at the Selfhelp office for use in preparing the ground prior to planting.

According to Jack Van Skike, who share with Keith Hare the job of Self-help Program coordinator, this is an ideal time for putting in winter garden crops in addition to the shrubs that can be obtained at

the Self-help Office has 25 gasoline-powered lawn mowers, and soon will be getting in 10

new gasoline-powered mulch-mowers. Also available are 17 push mowers, six lawn seed spreaders and a number of weed-eaters (15 new ones have just been ordered).

Both Van Skike and Hare have issued a plea that China Lake residents who borrow such equipment from the Self-help Office take better care of it. Power mowers, they point out, are not intended for cutting tree roots, nor should their blades come in solid contact with sprinkler heads, large rocks or

Keeping lawn mowers (both power- and push-type) in good running condition is a major problem for those who run the Self- Supply Dept. hot line heln Program They ask that horrows take the time to pick up objects out of their handles queries on yards before they begin cutting the grass.

The inventory at the Housing Division's Self-help office includes tools and equip-For general yard care and maintenance, a door knob or putting new screens in windows to installing a sprinkler system or a chain link fence, Van Skike said.

Replacements for glass electric light fixtures can be obtained, but the Self-help Program Office does not stock electric light bulbs or fluorescent light tubes, Van Skike

Both Van Skike and Hare will be glad to answer any questions that China Lake residents may have about gardening and plant care.

Hours of operation at the Self-help Office are 7:30 a.m. to 4:30 p.m. on Monday, Wednesday, and Friday; 7:30 a.m. to 5:30 p.m. on Tuesday and Thursday; and 10 a.m. to 1 p.m. on Saturday.

spare parts prices

As an extension of the Chief of Naval ment suitable for everything from replacing Operations' emphasis on scrutiny of spare parts pricing, the Supply Department has established a telephone hot line for any Center personnel to call if they believe that the price of spare parts received from any source is excessive.

The Supply Department will ensure that an investigation is made, and will notify the submitter of the query.

The hot line number is NWC ext. 3488. Minimum data required so that an investigation can be made includes:

National stock number or full description, including the manufacturer's name and part number (if known).

Unit price charged that seems excessive. Stub number/receipt document number that the item was received on (Supply will track down further data if needed).

If possible, the contract number and/or manufacturer's name from the item's packaging if it is a standard system item.

The reason the price is thought to be



CONCENTRATION - MSSN Del Stillwaugh filps a hamburger patty (and catches it expertly on the spatula) as he prepares the ever-popular items in the fast food line of the - Photo by PHAN Greg Hogan

EDF patrons treated to good food — both tasty, well-prepared

served regularly at the EDF.)

galley supervisor.

Bernice Hicks.

The cooking and meal planning is done

Sanitation (the ever-needed clean-up),

preparation both for cooking and for the

salad bar are the responsibilities of the

the first civilian contractor employees were

hired a decade ago. She and Lt. Ham-

Breakfast at the EDF is served from 6

until 7:15 each morning; early chow is

served from 10:45 until 11, with the regular

lunch time being 11:30 a.m. until 12:30 p.m.;

At the EDF during both lunch and dinner,

those who'd like to have fast food-mainly

hot dogs, hamburgers, onion rings, and

similar items-are able to make that

selection. At the airfield annex, only fast

Despite the excellence of the current

facility, there's a constant effort to enhance

the atmosphere. Next on that agenda will be

the installation of a new carpet, scheduled

shortly, and the building of a picnic area for

those who'd like to eat out-of-doors when the

and dinner hours are 4:30 to 5:45 nightly.

military and civilian work force.

civilian work force under the supervision of

Those whose contact with military messes that are featured at many of the Center's has come from watching MASH (or from years spent in military service in the past) would not believe their eyes or their taste buds were they to eat at the Enlisted Dining Facility at NWC.

The atmosphere is like that of a good restaurant, service is cheerful and friendly and always courteous, and the food is not only well prepared but attractively served. Responsible for this minor miracle are

members of the military Food Service Division in the Supply Department and a staff of contractor employees.

"We're running a dining facility, not warehouse," says Lt. Brice Hammerstein, Officer-in-Charge of the group. "Navy food in general is good, but we try to keep ours a cut above that." And the 225 to 250 happy customers each day who eat breakfast, lunch, dinner or the night meal at either the galley or the annex at Armitage Airfield can testify that they succeed.

While portions are carefully measured (to keep waste down and to ensure that the calorie count listed for each dish is correct to aid waist watchers), anyone who eats at the galley can come back for as many helpings of any food as he or she may wish.

All the cooking is done by Mess Management Specialists, and all pastries and breakfast rolls are also baked in house. (The galley is also justly famous for the beauty of the decorated cakes turned out by MS1 Paul Anies and MS2 John Steele-cakes

Course to be offered in Communications Technology Oct. 18

A 5-hour course in Communications Technology will be presented on Tuesday in the Flight Deck room of the Enlisted Mess (Open).

The course, which is to be conducted by employees of the Network Systems Corporation, headquartered in Minneapolis, Minn., is scheduled from 9:30 to 11:30 a.m. and from 12:30 to 3:30 p.m.

Instruction will be focused on the subject of local area networks, and there will be hardware demonstrations, as well as an opportunity for hands-on experience with the equipment.

Topics to be covered range from the state of networking today and a corporate overview of network systems, to high-speed satellite data networks.

No advance registration is necessary in order to attend this course. Additional information about the course content or schedule can be obtained by calling Gene Schneider, an automatic data processing analyst in Code 01A1, at NWC ext. 3178.

(Continued from Page 1)

doors in the Capehart B housing area. Also Lake Propulsion Laboratories area, \$77,276. won by the Martin Co. was a contract to Ray Jones Construction, of Escondido, replace countertops, sinks and utility room Calif. work will cost \$539,750.

Three other contracts for housing maintenance and improvements, the type of work to be done, the cost, and the contractor, are as follows: install bathtub Los Angeles. liners, \$72,534, Parnell and Leonard, Inc., of R.I.C. Construction Co. of Hesperia; and modifications to the MOQs and Wasp Circle

In most cases, bidding competition was Calif. keen, but several contractors were successful on more than one contract.

Five contracts were awarded to the Desert Construction Co. of Rosamond. The various jobs to be done, and their cost, are:

Modifications to Code 31's Weapons verting it for use for parachute work, (\$114,000); installation of additional toilets at Thompson Lab (\$43,746): restroom renovations at Hangar 1 (\$77,000); im- Lancaster, Calif. provements to one of the range area target towers (\$43,813); and modifications to the \$174,898.93, Kings Valley Fence, Inc., of Center gym and swimming pool at the Enlisted Mess (\$72,326).

Another multiple contract winner was Ricway, Inc., of Lancaster with five official functions and also cakes that are awards. Work that employees of this company will handle includes constructing a new sunshade at Hangar 3 for \$7,777, and under the supervision of MSC Mario another at Michelson Lab (\$15,247). In ad-Estrada, with MS1 Anies functioning as dition, Ricway was awarded a contract in the amount of \$76,756 for work at the CT-4 fuel farm; another for renovations at the food handling and service, and vegetable Center gym (\$8,976), and the additional contract awarded to Ricway is for work that will correct certain safety and health program deficiencies.

Among other contract awards in the final Mrs. Hicks has been with the EDF since four months of Fiscal Year 1983, the work involved, its cost, and the names of the successful bidder, are the following:

merstein agree that one of the secrets of the Repairs and alterations to the Comsuccessful operation of the EDF is the missioned Officers' Mess, \$421,522, Glasgow marvelous cooperation between the Construction, Inc., of Laguna Hills, Calif.

Renovation of the galley at the Chief Petty Officers' Club, \$186,000, Jerob, Inc., of Redlands, Calif.

Addition to the north end of the bowling alley, \$22,666, R.I.C. Construction Co. of

Modify ducts and install new evaporative coolers in the Personnel Department and Supply Department buildings, \$102,402. Cher-Con Construction, Inc., of Leona Valley, Calif.

Install wooden panels for the walls of racquetball courts, \$39,987, Terstep Company, Inc., of Noblesville, Ind.

Install security fence at golf course, \$42,574, A.V. Fence Co., of Palmdale. Alterations to CT-4 control room, \$67,958,

A.P.C. Company, Inc., of National City, Calif. Install chemical drains in one of the

- Photo by PHAN Greg Hogan

READY FOR CUSTOMERS — Kimmie Legg awaits the first of the hungry horde that

goes through the chow line three meals per day. The lamps ensure that the food remains

hot and palatable for the last customer as well as everyone else. Each container is

labeled and lists not only who prepared the food, but also the number of calories that the

Increase in construction . . .

Supply Department warehouses, \$46,849, the amount of \$314,862) to replace coun- Mertz Construction, of Lancaster, Calif. tertops, sinks, shower enclosures and closet Renovate Test Engineer office in China

doors in the Capehart A housing area. This Expand sick bay at Armitage Airfield, \$18,648, Elliot Roofing, Inc., of Beaumont,

> Add storage room at Range Control Center, \$61,099, Two and Three Corp., of

Landscape the Chief Petty Officers' Club. San Diego; replace garage doors, \$150,303, \$53,200, R. L. Beck Construction. Inc., of Apple Valley, Calif.

Install elevator and modify restrooms in housing, \$468,656, McAuliffe Mechanical, the Headquarters Building, \$154,319, BEMAC Company of North Hollywood,

> Construct drop tower capture cage at CT-4 \$149,831, Thompson-Rice Construction Co., Inc., of Irvine, Calif.

Landscaping at the NWC main gate, \$72,000, J. L. Myers Co. of Bakersfield.

Repairs and alterations to two buildings Systems Support Activity building - con- at the CT area, \$125,887, Two and Three Corp., of Los Angeles.

Enclose south patio of the Community Center, \$264,727, Cates Construction, Inc., of

Install new perimeter barbed wire fence, Ridgecrest. Construct sheltered work area at

Michelson Lab. \$17,200. Bud Miller, of Modify Room A-29 in Lauritsen Lab. \$44,088, Cher-Con Construction Inc., of

Police reports . .

Leona Valley, Calif.

Unknown persons removed two side door mirrors from a military truck parked at the NWC Hot Line at Armitage Airfield between 3:30 a.m. and 8:30 p.m. on Monday. Estimated loss to the government is \$40.

BURGLAR SURPRISED

Both a burglar and the tenant at 341 Sellars Circle received a surprise at 7:30 p.m. when they ran into each other on Monday. The unlawful entrant was described as being a white male, about 5 ft., 8 in. in height, with a slender build. He was wearing dark clothing. Nothing was taken.

WHEELS, TIRES STOLEN

A petty theft occurred between 4:30 and 9:30 p.m. on Sunday at 1215 Saratoga Ave. Persons removed 14-inch mags, 4-lug wheels and Firestone tires from the yard. The estimated replacement cost is \$150.

PROWLER SEEN

A prowler was reported on Friday evening around 11 o'clock by a resident at 342 Vieweg Circle. The resident saw someone peering in a window - about 18 years old, wearing a blue tee shirt and brown shorts. He is described as being about 5 ft., 2 in. in height. The suspect was accompanied by a

TOOLS TAKEN FROM DESK

A burglary involving the theft of some tools from a locked desk was reported Tuesday to China Lake police.

The tools, valued at an estimated \$50, were taken from one of the rooms in the old Dispensary.

SCRAP METAL SWIPED A locked gate at the Martin Co. compound

on Dewey Street was forced open last week by unknown persons, who removed three metal garbage cans containing scrap metal having an estimated value of \$100.

COFFEE FUND RIPPED OFF

Theft of \$47 from an unlocked desk drawer in Rm. 1104 at Hangar One, Armitage airfield, was reported on Thursday of last week to China Lake police.

The missing money includes currency and coins that had been contributed to a coffee mess fund by a group of VX-5 personnel.

Always wear seat belts

Anyone riding in a government vehicle is required by law to wear a fastened seat belt while the vehicle is in motion. Isn't it just good sense to have the same protection in a private car?

