

AGILITY REQUIRED - The dances of Eastern Serbia are known for their quick footwork and exciting pace. Selections like this are just one of the folk dance and folk song numbers that will be presented here next Thursday at the Center theater

Concert Ass'n to present Aman Folk Ensemble program April 29

Whenever possible, Aman has acquired

original costumes by making purchases

abroad, and through gifts from foreign

governments. When originals are not

available, expert copies are made that are

exact in every detail of embroidery,

The group's instruments also represent

years of collecting. While many are owned

by the Aman musicians, the company itself

has an assortment of folk instruments

SPECIAL CHILDREN'S PROGRAM

ranging from a pair of soup spoons to a 3-ft.-

As an added bonus, a special 50-minute

children's program also will be presented

by Aman at 12:45 p.m. next Thursday in the

Center theater. Featured during this

children's matinee will be five of the

numbers from the full evening per-

These selections will be drawn largely

from Eastern European cultures, but will

also include one from the Appalachia sec-

Although this admission-free program is

intended primarily for scheduled classes -

mainly from the third and fourth grades of

the Sierra Sands Unified School District -

This program is presented as an

educational service by the IWV Concert

Association, and is made possible by con-

limited public seating will be available.

tion of North America.

An evening of folk music and dances by pany. Of the several important ingredients the Aman Folk Ensemble will close out the that contribute to Aman's popular appeal. 1981-82 season of the Indian Wells Valley the most commented upon (besides the Concert Association next Thursday, April dancing) is the company's costume 29, at 7:30 at the Center Theater.

Aman is a professional company of 20 dancers, singers and musicians whose music and dances during their appearance from Old World peasants, by taking adhere will be drawn from eastern Europe, vantage of the skill of village crafts-people Asia, North Africa and Ireland, as well as the folk lore of the United States.

Lavish, colorful costumes and authentic ethnic instruments will be featured in this program, which is supported, in part, by leathercraft, and dyeing. funds provided by the California Arts Council.

General admission tickets for the Aman Folk Ensemble performance are priced at \$6 each, and there is a reduced rate of \$4 to those under 21 or over 65 years of age, as high, 300 lb. stringed Romanina cymbalom. well as for fulltime enlisted military per-

Tickets are being sold in advance at the Maturango Museum, and also in Ridgecrest at the Gift Mart, the Music Man, Medical Arts Pharmacy, the Center Pharmacy, and McNel's fashions. If not sold out earlier, tickets also will be on sale at the Center theater box office when it opens at 4:45 p.m. on the day of the program.

Since the supply of single-admission tickets is limited, Concert Association officials recommend that those who do not have season tickets plan to purchase tickets early if they wish to attend the Aman Folk Ensemble performance.

On the night of the program, special-event car passes will be issued at the NWC main gate to concert goers who need them.

Since its organization 17 years ago in Los Angeles, Aman has developed into a major international folk music and dance com-

Ideas sought for **Energy Awareness** Week activities

The Center's Energy Program Management Office urgently needs those who have a better idea - or any good idea to volunteer for the 1982 Energy Awareness Week activities.

Since Navy Energy Awareness Week is in October, any volunteers will have enough time to get all the wrinkles ironed out and to recruit help that they may need to implement their ideas.

What is needed is at least one person to take charge of publicity, speakers and films, and each of the "event-days" normally slated during Energy Awareness Week (there are five: foot power day, power down day, recycling day, car pooling day, and exhibit day).

Anyone who would like to volunteer either to take charge of one of the events or to help is asked to contact Peggy Murphy in the Energy Program Office by calling 3411, ext.

Preparations nearing completion for 'Bloomin' Fiesta' flower show

show that will be staged on Saturday and 28. Sunday, May 1 and 2, at the Enlisted Mess.

Predominant in the show, which is cosponsored by the Oasis Garden Club of Indian Wells Valley, the Desert Planters of Ridgecrest, and the Hi Desert Junior Woman's Club, will be the Spanish influence - reminiscent of the early history of California, according to Alice Hirsch, chairman of this event.

The rules for the show, which are outlined in the schedules that can be obtained at convenient locations throughout the local area, are those recommended by the National Council of State Garden Clubs, Inc.

Copies of the rules and other pertinent information are available at the Center Library and in Ridgecrest at the Water District Office, the Chamber of Commerce office, the Kern County branch library. Mean's Nursery and at the Tri-S Nursery on Inyokern Road, as well as at the Country Feed Barn in Invokern.

The public is invited to participate by submitting entries in both the Artistic and Horticulture Divisions of the flower show. There will be a pre-registration of artistic design entries on Monday, from 11 a.m. to 3 p.m., at the Ridgecrest library. Horticulture

Museum schedules annual wildflower show next weekend

As part of the community-wide High Desert Escapades celebration on May 1 and 2, the Maturango Museum will present its fifth annual wildflower show in the exhibit gallery of the museum.

Visitors will be welcome at the wildflower show on Saturday, May 1, from 1 to 5 p.m., and on Sunday, May 2, from 11 a.m. to 4 p.m.

In addition to well-arranged displays of colorful wildflowers and blossoming shrubs, there will be a section of the exhibit in which each of the plants or shrubs will be identified to familiarize viewers with the many varieties that can be found in the local desert and mountain area.

During the hours that the wildflower show is open to the public, the museum gift shop will offer for sale books on wildflowers, as well as cards and prints decorated with replicas of these colorful blooms.

In preparation for the wildflower show, volunteers are needed to aid in locating and picking plant specimens throughout the local valleys and mountains next Thursday,

On Friday, April 30, more help will be needed separating the plants according to family and then identifying them, and the final task will be to arrange the different

tions to the association's student varieties for the show on Saturday morning, education fund and aided, in this case, by funds from the California Arts Council. Weekend Roundup

Those who are taking advantage of the membership night special at the Commissioned Officers' Mess tonight will be able to dine on chicken a la Kiev between 6:30 and 9 p.m., and will be able to dance to the music of The Marauders from 8 until midnight. The Marauders feature oldies but goodies in the line of music.

At the Enlisted Mess, the music of "Hot and Sassy," five guys and a gal from Santa Barbara, will be heard rocking away tonight from 9 o'clock until 1:30 a.m. Those who'd like to dine first will enjoy a special steak and shrimp dinner; items on the regular dining menu will also be served

Kern County Heritage Days are being celebrated tomorrow and Sunday at Pioneer Village (located by the Kern County Museum at 3801 Chester Ave. in Bakersfield). A parade at 11 a.m. heads tomorrow's activities, and an 1880s fashion show and contest

Craftspeople will be displaying their wares, lots of food will be on hand for the hungry, and a special stamp cancellation for "Pioneer Village Sub-station" make the days memorable for stamp collectors. Admission is 50 cents for everyone over the age of 6.

Only one more week remains until the exhibits also are to be brought to the library opening of the "Bloomin' Fiesta" flowers during the same hours on Wednesday, April

> Under the Horticulture Division, there are separate sections for roses, bulbous plants, herbs, foliage and blooming shrubs, flowering trees and vines, as well as fruits and vegetables, hanging plants, and collections of two or more specimens of the same or a different species.

> Young people are encouraged to take part in the flower show by entering plants grown in water, container-grown plants, dish gardens, and home-grown vegetables.

> There is a separate competitive section for school-age children that also includes artistic arrangements, in addition to the kinds of entries mentioned above.

> Judging of all entries is scheduled at 10 a.m. on Saturday, May 1, at the Enlisted Mess, where lunches will be available during two days of the flower show.

Reception for artist planned at museum

A reception honoring local artist Lisa Hamel will be held in the Sylvia Winslow Gallery of the Maturango Museum on Sunday from 3 to 5 p.m.

Her water color paintings, pen-and-ink sketches, stitchery, gouache, pastel and collages are currently on exhibit in the gallery from 1 to 5 p.m. on weekends.

Ms. Hamel is a Burroughs High School graduate who holds a degree from San Francisco State University and Certificate in Commercial Design from the University of California at Santa Barbara. She is currently employed as a marketing illustrator with Texas Instruments

Optical Shop closed Sat.

The Navy Exchange Optical Shop will be closed tomorrow. Regular hours will resume on Tuesday







April 23, 1982

Vol. XXXVII, No. 16

CHINA LAKE



COMPUTER ADJUSTED - James R. Manion (at right) and Stephen J. Beattie check out the HP 1000 computer that is used with the software system they developed for greatly speeding up film data reduction following range area tests of missiles. The two men were presented the Technical Director Award for their

Bob Hillyer is chosen to fill post of Director of Navy Laboratories

At a special meeting called Tuesday the Navy (R&D). morning, Capt. Lahr announced to NWC department heads that Bob Hillyer, NWC Technical Director, has been selected as Director of Navy Laboratories.

Hillyer has agreed that he would serve for a year in the newly restructured position.

In 1964 the Deputy Director of Defense Research and Engineering (Research and Technology), Charles Sherwin, presented a proposal to improve the quality of the defense laboratories. With respect to the Navy, the Sherwin Plan proposed to separate the defense laboratories from the bureaus (now SYSCOMS) and place them under the independent administration of a civilian Laboratory Director who would serve as staff to the Assistant Secretary of

tiquated film reading machines and a state-

of-the-art minicomputer. Contained in it is a

real-time quality assurance feature that

insures the correct angle data will be in-

cluded in the data base. Previously, days

and even weeks went by before reading

In engineering this project, Manion

conducted an in-depth study of algorithms

used to resolve camera angle information

into trajectory data. His exhaustive

verification and validation efforts were

reported by Dorgan to be a "model of soft-

Beattie was responsible for most of the

errors were discovered

ware engineering.

On Dec. 29, 1965, the position of Director of Navy Laboratories (DNL) was established by SECNAV Instruction 5430.77. While the DNL was originally conceived as a staff policy advisor of ASN (R&D), the actual charter carried a "double-hat" as Director of Laboratory Programs (DLP) reporting to the DCNM (Development.)

Recent organizational changes in the Naval Material Command will result in elevating the position of Director of Navy Laboratories so that the position will report directly to the Chief of Naval Material (CNM) for line responsibility and to the ASN (RE&S) for staff support.

Acting for the CNM, the Director of Navy Laboratories is responsible for the direction and control of the operations of the eight

(Continued on Page 3)



Two employees receive Tech Director Award for work that speeds up film data reduction ware/software interface between an-

Two employees of the Data Reduction efficient and less costly as well, Hillyer said. were singled out recently to receive the Technical Director Award for their major roles in the completion of an important piece of software engineering that has proved to have a major effect on the timeliness of film data reduction, in addition to cutting the cost of this work.

The latest recipients of the TD Award, the April 12 Commander's meeting, are system that frequently took weeks. James R. Manion, a mathematician, and Stephen J. Beattie, a computer scientist.

accomplishments

With half as many people running the timely data is immeasurable.

Branch in the NWC Range Department Both men received an engraved paperweight, a letter of commendation, and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

The new software system developed by

Manion and Beatty for use with the HP 1000 computer enables the delivery of data to the test and evaluation Range Department customer in a matter of hours after the which was presented by Bob Hillyer during conduct of a test, compared to the former

According to J. M. Dorgan, head of the Range Department's Data Reduction "We don't give enough recognition to the Branch, who nominated two of his emscientists, engineers and technicians who ployees for the Technical Director Award, work on the ranges." Hillyer noted as he the cost to customers will be reduced on the congratulated Manion and Beattie on their order of 50 percent (an estimated \$250,000 per year), while the value of much more

ranges as once was the case, data collection,
The TD Award recipients had the primary handling and assessment is now much more responsibility for creating a hard-

First step completed in major upgrading of CLPP area bldgs.

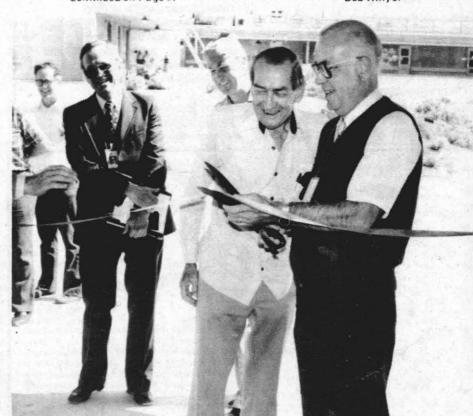
After Capt. Lahr cut the ribbon on Building 13060, he and Bob Hillyer were taken on a tour of that building and the adjoining area by Carl Schaniel, head of the Ordnance Systems Department.

Building 13060, the newly refurbished laboratory, and Building 13040, the associated office area, are among the oldest buildings still in use at China Lake, yet they are now equal or superior to any in structure, function, and appearance. This modernization has been accomplished at a relatively low cost and in a short time through locally controlled repair, alterations, and minor construction and improvement (MC&I) funds. Cost of the various contracts involved was about

Ribbon-cutting ceremonies last Monday Modernization of the existing facilities at the Experimental 3-inch Line facilities at was accomplished much quicker and at less the China Lake Pilot Plant marked the expense than getting new buildings through accomplishment of the first major the military construction program. The milestone in the Ordnance Systems basic buildings are very sturdy - being 2-Department's five-year plant-upgrading foot thick reinforced concrete "37 years strong and getting stronger every year," according to Schaniel.

They and the other buildings nearby were part of the complex around the 3-inch experimental line, named for the size of the propellant extruded from the extrusion press that headed the line. It was designed specifically for research and development, while the other extrusion presses at CLPP were for production. Included at the experimental site were the 3-inch extrusion press, a research laboratory, testing equipment and facilities for X-ray examination, igniter production and

Over the intervening years, these operations were replaced by others. In recent years, the two buildings have been (Continued on Page 4)



HAPPY OCCASION — Clarence Renne takes a close look at the beryllium shears with which Carl Schaniel, head of the Ordnance Systems Department, is cutting the ribbon to denote that two buildings in the CLPP area have been completely rehabiliated, as Bob Hillyer and Capt. Lahr happily watch. Renne, who is now retired, worked on developing the initial plan for upgrading Code 32 facilities.



"SAYING IT WITH FLOWERS" - Mary Jane Kline, Leslie Hopkins, Maryann Moen, and Elaine Griffiths, of the Official Visitor Branch (Code 24321), Safety and Security Department, hold flowers that were sent to them by the Commander, TCS 103, in appreciation for their helpfulness during the time that the unit was at NWC for the Gallant Eagle-82 maneuvers. The entire staff of the branch each received a

Changeover to Daylight Saving Time will occur at 2 a.m. Sun.

Saving Time will take place at 2 a.m. Sunday

The simplest way to keep abreast of the correct time is to remember to set all clocks period of time in England, time pieces were ahead one hour before retiring for the evening on Saturday.

The hour that is lost this weekend will be regained next October in California when the return to Pacific Standard Time is scheduled to take place.

The concept of Daylight Saving Time is not new. Benjamin Franklin was in favor of in the afternoon. Not everybody did this, rearranging the daylight hours in order to conserve candles and provide more time for outdoor work.

By setting clocks ahead and following the same hourly routine, more of a person's



waking hours are hours of daylight. This gives an extra hour of light to motorists

The practice of setting clocks ahead in the curs. summer was first adopted in the United States during World War I as a measure to

The annual changeover to Davlight artificial light in the early evening.

During World War II, clocks were kept ahead continuously from February 1942 to September 30, 1945. Throughout this same advanced two hours during the summer (they called it "double summer time") and one hour for the rest of the year.

For years after World War II, people across the country continued to observed Daylight Saving Time just because they wanted to. They liked the extra hour of light however, and those who did were in-

In 1966, Congress finally came to terms with the problem caused by the inconsistencies in the observance of Daylight Saving Time. The passage of the Uniform Time Act required that all states observing Daylight Saving Time switch over at the

In areas where Daylight Savings Time is observed, clocks are now set ahead on the last Sunday in April and turned back to Standard Time on the last Sunday in Oc-

Exceptions are the States of Arizona, Hawaii, most of Indiana, and the territories of American Samoa, Puerto Rico and the Virgin Islands. At all of these places, Daylight Saving Time is not observed.

Advice to be given out on dealing with earthquake problems

Local Girl Scouts will shortly be delivering a pamphlet to all residents of family housing on the Center.

This pamphlet, printed by the Office of Emergency Services, describes what to do during the evening rush hour traffic and an in case of an earthquake and what extra hour of play for children who aren't preparations can be made by householders nat would be of value in case a quake oc-

Girl Scouts will also deliver the pamphlets to major markets and stores in Ridgecrest conserve fuel by eliminating the need for where shoppers will be able to pick them up.

The Rocketeer

China Lake, California

Captain Jude Lahr R.M. Hillyer

Dennis Kline Don R. Yockey

Mickey Strang

Don Cornelius



News Stories Tuesday, 4:30 p.m.

Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen, Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.

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 column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum alification 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 Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications irements 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

802-2, PAC 8233513, Code 33531 — This position is located in the Explosive Components Section, Exploratory Development Branch, Electromechanical Division of the Fuze and Sensor Department. The primary purpose of this procedures for handling, disassembling, testing and packaging of fuze, safety-arming devices, rocket motor nd destructive components. Job Relevant Criteria: Knowledge of explosive ordnance devices and explosive equipment; knowledge of the electronic test equipment used to assemble, arm, test, and fire safety-arming devices, contact fuzes and pyrotechnic devices. Promotion potential to Level 3.

ROCKETEER

Announcement No. C-62-40, Electronics Engineer, DP. 855-3, PAC No. 8062516E16, Code 6243 - This position is ocated in the Telemetry Technology Branch, Code 6243, Telemetry Division of the Range Department. Incumbent will perform engineering design, development, and fication of various airborne instrumentation (digital and analog) systems, equipments, and components for electronic measurements, timing, recording, control and communication necessary to meet the data and operational test requirements of various missile programs. Job Relevant Criteria: Ability to perform technical studies and analysis of date aguisition in order to determine the to be applied to specific missile tests; ability to meet airborne data requirements; ability to devise and standard and special calibrating procedures required to insure the accuracies and validity of the resultant data.

Announcement No. C-62-39, Supervisory Engineering Technician, DT-802-3, PAC No. 8062082E, Code 6211 - This position is head of the Mechanical/Ordnance Support Section (Code 62117), Ballistics Test Branch, Ordnance Test & Evaluation Division, Range Department. Incumbent will provide technical and administrative direction to ordnance mechanics and engineering technicians. The section is responsible for setting up propulsion and related static ordnance tests throughout the general Skytop test area. Also, the section is involved in the repair and modification of test fixtures, hardware, and support equipment. Job Relevant Criteria: Ability to technically and administratively direct a workforce in an

Reassignment Opportunities

eassignment only. For this reason, the Reassign ment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with nouncement. The Naval Weapons Center is an Equal Opportunity Employer.

Announcement No. 00-021, Interdisciplinary, All Series DP-3 and DP-4, Code 01A2 — The US Government (USG) has a Memorandum of Understanding (MOU) with the Government of Japan (GOJ) for supporting the licensed production of the AIM-9L Sidewinder weapon system. As part of the Implementing Arrangement (IA), the US provides a technical representative to the Japanese prime contractor (Mitsubishi Heavy Industries) responsible for the day to-day technical liaison of the AIM-9L Program. The representative will be responsive to the AIM-9L t Managers within NAVWPNCEN (Code 3604), NAVAIR (PMA-259), and GOJ. Incumbent will operate in coordination with a US prime contractor (Raytheon Co.) representative. The duty station will be Nagoya, Japan or vicinity. The USG representative in Japan (with the status of Deputy Manager within the Mitsubishi organization) provides assistance and advice based on know-how obtained in the development, testing, evaluation, qualification and production of the US AIM-9L weapon system and its related components. The incumbent adsters the general policies established by the NAVAIR Project Manager (PMA-259), and operates to the procedures and methods established by the Sidewinder Program Manager at NAVWPNCEN (Code 3604) for the flow of technical information and data. The USG representative is involved in the resolution of technical difficulties by providing direction in characteristics, ap proach, criteria and/or requirements within the scope of the MOU and IA to maintain standardization of missile components to those of the US. Job Relevant Criteria mum requirements of this position include a bachelor's degree in one of the science fields or equivalent training. In addition, five years experience in the qualification/production of a major weapon system with increasing responsibilities. It is desirable but not man datory that part of the five years should have been during the qualification and production of the AIM-9L weapon system. Experience/education in the preparation and/o validation of weapon system iterative planning and the establishment of production documents over the system life cycle is also desirable. This position is expected to be required for two years. Applicants interested in applying for the above job or wanting more information should contact Len Gulick or Donna Gage, Code 01A2, NWC ext. 3793. An updated Form 171 is required and should be submitted to Code 01A2.

ncement No. 33-021, Engineering Technician, DT. derstanding of field trades and materials; ability to work with personnel at all levels; ability to safely direct tes operations involving live ordnance.

April 23, 1982

Announcement No. 39-011, Procurement Assistant, GS 1106-5, PD No. 8239016N, Code 3902 - This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing of and contracting for materials, supplies, equipment and services for the programs in the Weapons ertment and also acts as focal point for the Weapons Department to the Supply Department. This involve providing contracting and stub requisition advice, expediting of requisitions, stub follow-up and and interface with Supply personnel. Job Relevant Criteria: Knowledge of the NWC Supply System procedures and knowledge of acquisition procedures and regulatory requirements associated with sole source, ADPE, Test Equipment Management System (TEMS), Defense industrial Plan Equipment and foreign purchases; ability to interface with personnel of all levels of the department and the personnel in the Supply Department and Office of Finance and nuncement No. 32-039. Air Conditioning Equipmen

Mechanic, WG-5306-10, JD No. 591N, Code 32535 - Tem porary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary air accept applications from individuals who have skills necessary to qualify for this position. This position is ocated in the A/C Refrigeration Shop, Process Support Branch, Process Systems Division, Ordnance Systems Department. The duties of the position are performed in the China Lake and Salt Wells Laboratories where 90 percent of the machinery and process equipment is used in research and development of propellants, explosives, pyrotechnics and related materials. Within the framework directly with process employees and is responsible for the installation, repair and maintenance of refrigeration, air ditioning and heating equipment related components which are utilized in offices, shops and processing buildings associated with the development and production of propellants and explosives. The minimum qualifications for this position are those listed in Office of Personnel Management Handbook X-118C. Applicants must meet al eligibility requirements for the position by the closing date Generally, these requirements are: ability to do the work of the position without more than normal supertechnical practices and trade theory; ability to read and interpret blueprints, instructions and specificati ability to use handtools and measuring equipment; ability to find trouble, determine methods of repair and use of appropriate tests on trade equipment; ability to use materials of the trade. Supplemental is required and may be picked up at the reception desk of the Personnel Building.

Announcement No. 26-304, Supervisory General Engineer, DP-801-3 or 4, PAC No. 8226618, Code 263 — This is a temporary promotion, not to exceed one year. May be made permanent at a later date. The position is located in the Engineering Division, Public Works Department. Incumbent serves as associate division head. Assists the division head in the supervision of the six branches tha perform work in the following fields: architectural, structural engineering, facilities planning, and environmental. Job Relevant Criteria: Ability to direct a subordinate staff; ability to confront people problems; knowledge of engineering and/or architectural principles and techniques; decision-making ability; skill in handling

Announcement No. 26-303, Housing Project Assistant, GS-1173-5, PD No. 8026009N, Code 2651 - Position is located in the Personnel Support Branch, Housing Division, Public Works Department Incumbent will receive and process applications for base housing. Incumbent assigns quarters schedules check in, pre-termination and termination in spections of quarters, and maintains occupancy records charges, and maintenance of collection and accounting records. Duties also include counseling military an civilian employees who request assistance in locating housing in the local community, and assisting them in locating suitable housing. Job Relevant Criteria: Knowledge of DoD Housing Regulations; ability to tact (Continued on Page 7)



DIVINE SERVICES

Sunday Worship Service Sunday School Sunday Masses Daily Mass (except Saturday) Sunday Religious Education Classes 1000 JEWISH Friday in the East Wing UNITARIAN

Sunday, Annex 95, as announced

Burros lose

(Continued from Page 6) score 14-0 in favor of the Cowboys.

Of the three hits for Burroughs in this game, Paul VanderWerf had two of them (both singles), and is batting at a torrid, .520

This afternoon at 3:30, the Burros will host the visiting varsity baseball team from Quartz Hill in their next Golden League tilt.

Inability to get hits at the right time (with runners on base), coupled with fielding errors (a total of 7) led to the downfall of the Burroughs High School varsity baseball team in a game played last Friday at the BHS ball field.

The winners, by a score of 4-2, were the Saugus Centurions - a team the Burros had defeated 12-4 in the first round of Golden League play.

Both team were scoreless in the first three innings of play, but the Centurions took advantage of an error, a single and a walk to load the bases with no outs in top of the fourth frame.

Potter, the Saugus right fielder, who was safe at first when Dale Killilea couldn't handle a pop up, scored from third base on a ground ball hit to Timmy Lewis, the BHS shortstop. Lewis tossed the ball to second base for a force out of Barnes, who had drawn a walk to get on base.

That turned out to be all of the scoring in the fourth inning for the visitors, as Dave Vigneault forced one batter to pop out and another to strike out to end the inning.

The visitors doubled their lead to 2-0 on a double by Teixeira, who scored on a single by Barrick in the top of the fifth inning.

The Burros bounced back to tie the score at 2-2 in the last half of the fifth. Lewis got things going with a single and scored on a double by Paul VanderWerf. The latter advanced to third on ground ball by Killilea, who was out at first base.

Mark Kaupp, first baseman for the Burros, then picked up an RBI for the game as he hit a single that enabled VanderWerf

After a scoreless sixth inning, the Centurions came to bat in the top of the seventh with score tied at 2-2. Before the Burros could retire the side, three errors were committed and the visitors were back in the lead by a score of 4-2.

A double by Eaton, the Saugus catcher, was followed by an error when Vigneault dropped a pop fly in from of the pitcher's mound that put Potter on base. Cota followed with a single to load the bases with just one out.

Barnes, the Centurions' next batter, pounded a hard-hit ball to Lewis at shortstop for Burroughs, and the latter rifled the ball to home plate. The throw to the plate was catchable, but Killilea stretched for it only to have the ball bounce off his glove and allow Eaton to score from third base.

This brought Mofford to bat for the Centurions, and he banged a sharply-hit ball to Cecil Cooper, the BHS third baseman. Cooper's throw to the plate stuck Potter, the Saugus base runner, in the back and another run scored before the Burros settled down and shut out the visitors for the remainder

In the last turn at bat for the Burros, Rick Bird led off with a single that was followed by a hit by Lewis. A sacrifice by VanderWerf move both around to second and third base, but a strike-out and a fly ball to the outfield that was caught for the third and final out ended the game.

The Burros had nine hits but left nine runners stranded on base in the Saugus game. Vigneault pitched the full seven innings for Burroughs. He gave up nine hits, four runs (just one of them earned), struck out five and walked three.





SCRAMBLE FOR BALL — Dan Siler (at right), of the Wolves, tries to block a pass by Chris Crews during this bit of action in the Div. 7 game between the Wolves and Spurs. Others in this crowd scene around the ball are Eric Nelson (at left), of the Wolves, and Paul Roper (in background), another player for the Spurs, who won - Photo by Don Cornelius

Results in youth soccer . . .

(Continued from Page 6)

Doug Banks, goalie for the Chiefs, saved a sure goal by the Sunshine team, while J. J. Joseph and Brad Bays scored once each for their team in the Chiefs' 2-0 win over Sun-

A single goal by Derrick Brown, assisted by Chris Lingenfelter, was enough to give the Fury a 1-0 win over the Rowdies.

The day's flurry of lopsided wins also included a 6-0 victory by the Coyotes over the Eagles in their Div. 1 tilt. The Coyotes'

attack was led by two goals each by Tofi Tuipala and Scott Ross. Other players who got in on the scoring parade for the Coyotes were Curtis Jackson and Kris Carter, with one goal each

In other Div. 1 games the Cobras defeated the Roadrunners 3-1 and the Hawks edged

Three goals by Jarod Gonzalez were more than enough to insure a win by the Cobras over the Roadrunners, whose single score was racked up by Jason Duignan, assisted

exercise classes to continue in May

Aerobic dance, jazz

Another month-long session of stretch and jazz exercise classes for men and women will begin on Monday, May 3, and continue throughout the month of May on Mondays and Wednesdays from 11:30 a.m. to 12:15 p.m. at the Youth Center.

All persons interested in enrolling in this class must pay the monthly fee of \$16 at the Center gym office no later than next Friday,

Enrollment of new or continuing students in an aerobic dance class also is underway. and the \$16-per-person fee for the month of May is payable no later than 4:30 p.m. on April 30 in the Center gym office.

This class, which is taught by Joan Renner, is scheduled on Tuesdays and Thursdays, from 11:30 a.m. to 12:15 p.m., in the exercise room located next door to the Center gym.

Additional information on either of these classes can be obtained by calling the gym office, ph. NWC ext. 2334 or 2571.

Marines slate program on amphibious warfare

The Amphibious Warfare Presentation Team, Marine Corps Development and Education Command, Quantico, Va., will give a Secret level presentation in the Michelson Laboratory Auditorium (Rm. 1000D) next Friday, April 30, at 9 a.m.

The presentation is a multimedia depiction of current doctrine for amphibious warfare, with emphasis on the landing

Space in the auditorium is limited, and attendance is on a first-come, first-served basis. Only those with Secret level clearance can be admitted. No advance registration through department offices is

Promotional opportunities

(Continued from Page 2)

fully handle contacts with tenants and the public knowledge of NWC family housing guidelines; ability to keep accurate records and prepare reports.

Announcement No. 26-299, Planner and Estimator (Electrician), WD-2805-8, JD No. 402N, Code 2612 -Position is located in the Maintenance Control Division, Public Works Department. Incumbent performs scheduled inations and/or tests of facilities as assigned to determine the physical condition with respect to the desired facilities categorization. Incumbent proves detailed manpower/material estimates for identified maintenance requirements. Responsibilities include job writeup, material lists and sketches for correction which are identifed to be within the capabilities of Public Works. ncumbent shall complete inspection of electrical equipment and systems as assigned. Typical work includes, but is not limited to, inspection of electrical systems (guildings), electric motors, generators, cathodic protection systems, fuses and small circuit breakers. **Job** Relevant Criteria: Ability to facilitate production; technical practices; ability to interpret instructions, specifications; knowledge of pertinent materials; nowledge of pertinent tools and equipment; NOTE: Supplemental is required and may be picked up at the

(General), WD-6701-8, JD No. 762N, Code 2613 - Position is located in the Inspection Branch, Maintenance Control Division, Public Works Department. The incumbent performs scheduled examination and/or tests of facilities respect to the desired facilities categorization, provide detailed manpower/material estimates for identified maintenance requirements. Responsibility include inspection, job write-up, material lists and sketches for correction which are identified to be with the capabilities of Public Works and required remedial actions. The incumbent shall complete inspection of mechanical systems and components as assigned. Typical work shall include, but shall not be limited to inspection of such items as air conditioning systems, heating equipment, plumbing, ventilating and exhaust systems, pumps, steam traps and piping for gas systems. Job Relevant Criteria: Ability to facilitate production; technical practices; ability to interpret instructions and specifications; knowledge of pertinent materials; knowledge of pertinent tools and equipment. NOTE: Supplemental is required and may be picked up at the reception desk of the Personnel Building.

Announcement No. 26-300, Planner and Estimator (General), WD-6701-8, JD No. 403N, Code 2612 - Position is located in the Maintenance Control Division, Public Works Department. The incumbent provides detailed manpower/material estimates in support of facility main tenance for the Center. Investigates all work requests in areas of construction, alteration, maintenance and repair structures. Estimates labor costs and material requirements for areas listed above. Requests engineering design plans from Public Works Engineering Division as equired. Prepares contract documents and cost estimates for budgetary review. Project coordinator duties are assigned occasionally. Performs structural inspection of ouildings, roofs and towers. The incumbent has quality control responsibility on all facility conditions. Job Relevant Criteria: Ability to facilitate production; technical practices; ability to interpret instructions, specifications; knowledge of pertinent materials; nowledge of pertinent tools and equipment. NOTE:

supplemental is required and may be picked up at the eception desk of the Personnel Building.

Announcement No. 35-074, Multidisciplinary Supervisory

Position (General Engineer, Electronics Engineer

Announcement No. 26-302, Computer Programmer, GS-334-7, PD No. 8226024, Code 26022 - The position is located in the Management Data Processing Office, Public Works Department. Incumbent develops and/or modifies com puter programs and performs various functions associated with data base maintenance. Provides advice and assistance to Public Works Department computer customers. Job Relevant Criteria: Knowledge of existing Public Works data bases; ability to deal with people from all levels of the organization; knowledge of Public Works computer products.

Mechanical Engineer, Aerospace Engineer, Physicist Electronics Technician, Engineering Technician), DP-801 855, 856, 830, 861, 802, 1310-4, PAC No. 8235523, Code 3505. This position is that of SIDEARM Technical Manager Electronic Warfare Department. The incumbent serves as the NWC focal point on the SIDEARM Program for the Naval Air Systems Command Program Manager (PMA 242). The SIDEARM Technical Management (T.M.) Office is responsible for the technical management, planning, direction, coordination and supervision of all aspects of the SIDEARM weapon system over which the Naval Weapons enter has technical and/or management cornizance. The T.M. Office is responsible for establishing and maintaining development and production schedules, configuration management/control, product improvements, and design development and evolution of follow-on product im provement programs. Specific duties of the incumbent are o supervise the T.M. Office, act as the focal point between NWC, NAVAIR and the Air Force concerning pertinent development issues, and make technical decisions which may affect NAVAIR as well as the Air Force. The incumbent will interface with major system contractors for PMA-242, ensure a quality product from all contract personnel, manage and control SIDEARM finances, review and approve technical workload plans and assign/monitor projects to T.M. Office managers. Job Relevant Criteria: Experience in coordination/negotiation with other NWC elements, Navy activities, DoD agencies and contractors for the purpose of defining technical and progress; experience and training in the development and system acquisition of missile systems; experience in roduction and production processes; demonstrated ability to supervise technical and administrative nanagement personnel; knowledge of air launched anti radiation systems; willingness to travel guite extensively This is a readvertisement of Announcement No. 35-071 Previous applicants need not reapply

cement No. 35-073, Multidisciplinary (Electronic Engineer, Physicist, Computer Scientist or Computer Specialist) DP-855/1310/1550-1/2/3: GS-334-5/7/9/11 or DA 3, PAC No. 8135523 E, Code 3511 - Position is located in the Computer and Software Systems Branch, Systems Sciences Division, Electronic Warfare Department Position is a software engineer responsible for software tools and simulation software for the HARM Software Support Facility and other software projects in the Branch This facility includes a dual VAX-11/780 and a Superset graphics system. The incumbent will write state-of-the-ar H.O.L. computer simulators, software design aids, and other software support tools in an engineering environment. The incumbent will also assist in FORTRAN simulation and data reduction software, including the use

of data base management systems. Job Relevant Criteria: Working knowledge of real time simulation; ability to use software tools in a minicomputer; ability to deal effectively with others; ability to communicate clearly orally and in writing. Applications will be accepted from status eligibles. This is a readvertisement of Announcement No. 35-072. Previous applicants need not

Announcement No. 32-040, Technical Publications Writer/Editor (PS&E), DA-1083-3, PAC No. 8232794E13, Code 3274 — (This is a part time permanent position, 32 hours per week.) This position is located in the Solid Propulsion Branch in the Propulsion System Division, of the Ordnance Department. The incumbent plans, writes, edits, and coordinates publications (engineering, research, test and logistical support reports, handboods, and manuals); brochures; administrative publications; Command and technical histories: and historical journal articles. Assists authors in the preparation and publication of open literature articles and documents. The incumbent writes for the Skipper Program Office and for other technical people in the code as necessary. Job Relevant Criteria: Ability to to compose, compile technical reports; knowledge of scientific, engineering, and mathematical minology; ability to work independently and to maintain a high level of accuracey in work; ability to set priorities to meet tight deadlines. Applications will be selected from Status eligibles.

Announcement 25-009, Freight Rate Assistant (Typing)/Freight Classification Assistant, GS-2131-4/5, PD No. 7525002/7625042, Code 2554 — This position is located in he Traffic Branch, Supply Operations Division, Supply Department. At the GS-4 level the incumbent is responsible for assembling information, and preparation and typing of bills of lading, traffic reports and related correspondence Maintains logs and files and compiles monthly reports for the branch. In addition to the above, at the GS-5 level the incumbent determines the most efficient transporation mode and routing commensurate with required delivery dates. Classifies materials and equipment to determine transportation costs to the government. Job Relevant Criteria: (Freight Rate Assistant GS-2131-4) Knowledge of the use, operation, cost or regulation of traffic or transportation work; ability to perform clerical duties including typing; ability to meet and deal with all levels of personnel. (Freight Classification Assistant GS-2131-5) Knowledge of material classification and transportation modes for shipment of freight; knowledge of transportation funding; ability to meet and deal with all levels of personnel. Applications will be accepted from status eligibles. Promotion potential is to Freight Classification Assistant, GS-2131-5.

Announcement No. 38-038, Supervisory Physicist/Chemist/Mechanical Engineer/Physical Scientist, DP 1310/1320/830/1301-4 (Interdisciplinary), PAC No. 8238501, Code 383 — Incumbent will head the Detonation Physics Division of the Research Department. Directs a staff esponsible for conducting theoretical and experimental research studies : explosives ordnance and terminal ballistics which include initiation and detonation processes of explosives; the dynamics of warhead behavior; penetration and perforation of metal targets; structural response to blast; and, the response of rock, concrete and soil to weapon attack. Job Relevant Criteria: Knowledge of detonation, shockwave phenomena or high-velocity deformation of materials; knowledge of explosive ordnance; professional development in the physical sciences; ability to manage a research or development program; ability to confront human resources problems (EEO).



High Sierra lakes, streams open Sat. for trout fishing

Tonight and tomorrow all roads north will be packed with anglers heading to the Sierra for tomorrow morning's opening day of the fishing season.

Streams have been stocked with catchable trout, and Lake Crowley and other lakes hold not only the trout that were stocked at the end of last season and have now gained catchable size, but also trophysize trout lurking deep in their waters.

Crowley is expected to be completely icefree by tomorrow morning, as are Convict Lake, June and Grant Lakes on the June Lake loop, and Bridgeport Reservoir and Twin Lakes.

Lundy Lake has some ice, and the majority of lakes that are over 8,000 feet are still frozen. While ice fishing is permitted in the Sierra, anglers are advised against it this weekend because recent rains have made ice conditions unstable.

Special regulations are governing some of the streams and waters at this time. For instance, Convict, McGee and Hilton Creek tributaries to Convict Lake between the lake and Highway 395 are closed until June 1 because of spawning runs, and a section of Crooked Creek will be closed through June 30, with another one between the lake and the City of Los Angeles gauging station permanently closed.

Other special regulations are in effect on the east fork of the Walker River downstream from Bridgeport Reservoir where only artifical lures with a single barbless hook may be used and only two trout at least 14 inches in length may be kept.

Only two trout may be caught in the Owens River between Pleasant Valley Dam and Five Bridges, with an adjoining artificial spawning channel closed to all

The limit at Crowley Lake is seven trout. The limit elsewhere (except for areas covered by special regulations) is ten trout.

Even though an estimated 10,000 to 12,000 anglers are expected at Crowley this weekend, there should be plenty of fish for all since it was stocked with 350,000 rainbows and 100,000 browns last fall.

Available for stocking in the streams are 150,000 catchable trout, and another 3,000 to 5,000 brood stock. After the close of the season last year another 12,000 brood fish were stocked in Inyo and Mono County.

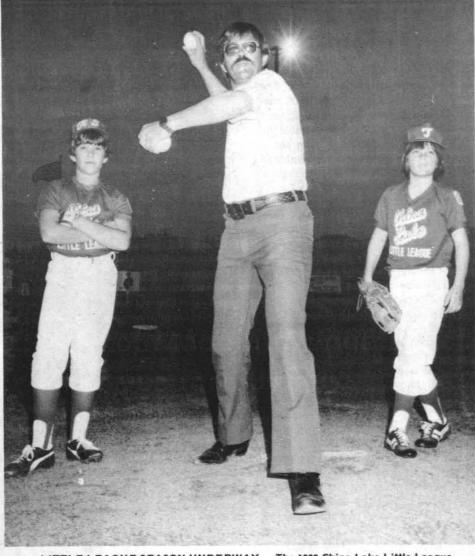
Prospects rated good for fishing at Lake Isabella

Anglers who like to fish in a lake but don't want to face the crowds that will be heading for Crowley Lake and other high country lakes might do well to head to Lake Isabella this weekend.

The last storm brought the water up onto the flats and also raised water temperatures, which means that crappie in the 34 pound to 1½ pound range are now being caught in the south fork area and also in the north fork around the airport.

More than 60,000 catchable trout were stocked in the lake within the past two weeks, and they are hungry enough to go after almost any kind of bait. Best bet for catching trout is in the Camp 9 area, Boulder Gulch, and around the dam at Engineer's Point, as well as in Kissick and Paradise Coves.

The bass are also starting to show up in the shallower waters; with slightly warmer water, this means that fishermen in chest waders and tubes can get out to where the wilv fish can be found.



LITTLE LEAGUE SEASON UNDERWAY — The 1982 China Lake Little League baseball season was launched during a program held Monday night at Diamond No. 4. A flag-raising ceremony and pledge of allegiance was followed by the introduction of each of the five Major Division teams and a representative of the sponsor of each of the teams. The first pitch of the season was tossed to the plate by Bill Maddux, president of the Ridgecrest Little League, who is flanked by Mike Shahan (at left) of the Red Sox and John Hawley of the Tigers, the two opposing pitchers in the season opener. The Tigers won the game by a score of 3-2.

BHS varsity nine clubbed 14-0 in Canyon High game

Stock in the Burroughs High School varsity baseball team plunged drastically on Tuesday, following a 14-0 drubbing at the hands of the Canyon Cowboys in a game played at Canyon High. In their previous encounter, these two teams had battled to a 1-1 extra inning tie.

The outcome was settled the first time that the Cowboys came to bat as they pounded Dave Vigneault, the BHS starting pitcher, for four hits and scored six runs to take a commanding lead.

Before the dust had settled in the bottom half of the first inning, Alvaraz, the Canyon centerfielder, drove in three runs with a bases loaded double; two batters drew walks to get on base, and there was one sacrifice by a batter that helped to advance runners already on base.

John Truitt relieved Vigneault as the Burros pitcher in the third inning, but the Cowboys jumped on him for three runs on one hit, a walk, and three errors. Truitt also was tagged for two more hits in the fourth inning that produced a run and increased the Cowboys' lead to 10-0.

This set the stage for Daniel Means' entry into the game as the pitcher for Burroughs. The fifth inning was scoreless, and in the top of the sixth, Means struck out two opposing batters. Before he could retire the side, however, the Cowboys tallied four more runs - starting with a 2-base error due to a dropped fly ball in the outfield that enabled a run to score.

A walk and a single produced run No. 12 for the Cowboys, and, after another walk loaded the bases, one more hit by Canyon drove in two more runs to make the final

(Continued on Page 7)

Jr. high teams clash in low-scoring soccer tilts

Junior high soccer players competing in to a 4-1 win over the Sounders. The solo goal Division 7 of the Youth Soccer League for the Sounders was tallied by Jeff Semtangled in a pair of close, low-scoring games last Saturday at Kelly Field on the Murray Junior High School campus. The Spurs edged the Wolves 2-1, while the Gunners knocked off the Villains 2-0.

The Spurs pulled off a come-from-behind win over the Wolves, who had led the game, 1-0, until the final 10 min. of the hour-long

In a tough, defensive tilt, the Wolves tallied early in the game on a penalty kick by Tom Rindt. Conditioning paid off for the Spurs, however, who outran their opponents in the final stages of the game. Brian Collie scored once for the Spurs, and Brian Jones got another goal with the help of an assist from Seamus Freyne.

John Peterson's goal, on assists by Serina Newman and Sam Greemun, gave the Gunners their first goal in what eventually became a 2-0 win over the Villains. Late in the game, Max Gunther of the Gunners was in position to intercept a pass back to the Villains' goalie, which he did and promptly fired the ball into the net for the second score of the game.

Last Saturday's action in Division 5 was highlighted by a scoring spree in which the Tornadoes defeated the Rogues 8-1. The solitary score for the Rogues was tallied by Mark Swor, but his efforts were overshadowed by two goals each by Doug Chalmers and Curt Brune of the Tornadoes, as well as one goal each by Clint Caffee, Jason Black, Ivan Carranza, and John Bass.

Results of other Div. 5 games were Kicks 2, Surf 0; the Sting and Diplomats defeated the Sounders and Hurricane, respectively, by identical scores of 4-1; and the Roughnecks shut out the Whitecaps 3-0.

Two first quarter goals by Paul Lelis were all that was needed by the Kicks to win their game with the Surf. After that, the Surf defense tightened up and provided more help for the goalie, Garbani, who made several saves that prevented additional

Two goals each by Bobby Henderson and Robbie Greene, aided by assists by Brian Bartels and Todd Henderson, led the Sting

mingson, assisted by Barrie Riddoch.

Three of the four goals for the Diplomats in their 4-1 win over the Hurricane were scored by Matt Ziegler, while Wayne Ziegler chalked up another one for good measure. The Hurricanes averted a shutout by getting one goal that was tallied by Craig Rindt, assisted by Joe Schultz.

Wade Boyack's corner kick got the Roughnecks off to a 1-0 lead in their game with the Whitecaps. Later in the second half of this contest, the Roughnecks padded their lead with goals by Scotty Robledo and Jeff Duffendack, who tallied with assists by Duffendack and Boyack, respectively.

The Drillers combined a good offense with a fine defensive to blast the Atoms 10-0 in the



HEADS UP! - Doug Dragovich (in front), of the Wolves, and Dave Newport, of the Spurs, battle for the ball in the Youth Soccer League game between their two teams

second of three Youth Soccer League games played last Saturday by Div. 2 teams. Results of other games played in this division were Timbers 5, Strikers 0, and Thunders 4, Boomers 1.

The Drillers, who tallied eight goals in the first half, were led in the scoring department by Armondo Valdivia and Jonathan Bland, who had four and three goals, respectively. James Sweany, Kirk Roberts and David Shunway added to the route with one goal each for the Drillers.

Playing shorthanded, the Strikers were shutout 5-0 by Timber, a team that picked up three goals off the toe of Will Freeman, in addition to one each by Kevin Collie and Peter Martinez.

Two goals each by Mark Frisbee and Jacob Jones catapulted the Thunder to a 4-1 win over the Boomers. The Boomers, who were forced to play shorthanded because their ranks had been depleted by those involved in the Junior Olympics, broke Jeremy Osburn lose for a goal, assisted by

The Lancers roared to a 6-0 victory over the Aztecs to highlight action between teams competing in Div. 3 of the Youth Soccer League. The Lancers were ledeon offense by Brian Brady, who scored three times. Other goals were tallied by Bredan Ledden, Matt Mann, and Harry Stevens.

Results of other games played in Div. 3 were Cosmos 2, Blizzard 0, and Sockers 1, Earthquakes 0.

Two goals by Chad Bass accounted for all of the scoring by the Cosmos in their win over the Blizzard in what was a well played game by both teams.

In another evenly-played game, a penalty kick by Shawn Hamilton turned out to be the only score of the game for the Sockers in their 1-0 win over the Earthquake.

Multiple-scoring (two goals by Jared Christensen with assists by David Bartels, and one each by Dick Hartman and Bartels) led the Express to a 4-1 win over the Apollos. Ted Mechtenberg countered with one goal for the Apollos.

Scores of other games played in Div. 2 were Chiefs 2, Sunshine 0, and Fury 1,

The Skipper sez



their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question and tate whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can e 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 lumn be used to subvert normal, established chain-of-command chan-

Civilian — With regard to incidents resulting from the drive to eliminate drugs from the base, even though this is generally strongly supported: specifically, I know of two incidents of inspections of individual's homes with these individuals being told specifically that they must now convince security that the electronic equipment within their homes was not stolen.

The question is in two parts: One, is presumption of guilt until proven innocent Command policy? And, secondly, if so, do you expect to continue the good relationship of mutual support and good will that currently exists between the military and civilians at this facility if you do retain such a policy? Thank you.

First of all, I must presume that you do not expect me to respond to your two part question since you know the answers as well as I. As regards to your lead comment, if you "know" of two instances where housing inspections resulted in people being told that they "must convince Security that the electronic equipment in their homes was not stolen," then you know something that I don't.

Neither the China Lake Security Officer nor the Chief Staff Officer, whose duty it is to know such things, knows anything of the sort, despite what you may have heard in the rumor mill. I am well aware of a recent article in the local press in which a base resident was quoted to similar effect.

Incidentally, Security people are not involved in health and welfare inspections until such time as possible contraband is uncovered. In such cases they will become involved to ensure propriety. That approach seems beyond criticism to

Military - I would like to know why the bowling alley is always filled with leagues and why those who are not in leagues do not have any time to bowl.

League bowling offers the greatest opportunity to the largest number of people possible to enjoy the sport of bowling. Three leagues are restricted entirely to military personnel; these operate on Wednesday, Saturday and Sunday. I understand that teams in these leagues, as well as other leagues, frequently need substitute bowlers. If this appeals to you, more information can be obtained from

In looking into your question, I found that there are open bowling times available every day of the week. They are on Monday, Tuesday and Friday, from 11 a.m. until 6 p.m.; Wednesday, from 1 to 6 p.m.; Thursday, from 11 a.m. to 1 p.m., and from 3 to 6 p.m.; on Saturday, from 1:30 to 11 p.m.; and on Sunday from 11 a.m.

There is a price reduction for 3 lines of open bowling Monday through Thursday and Red Headpin bowling during open play on Friday. It looks to me like there is quite a bit of open bowling time available once you know the schedule.

Civilian - I'd like to know why civilian employees at NWC drawing a military retirement plus two incomes - his and hers - and paying no income tax continue to work on the station? It seems to me that there was some agreement about paying just debts that we all agreed to when we hired on. Thank you.

We looked into this at some length. There are almost three dozen people on this Center who have no income tax withheld. There are two reasons. Either they have enough deductions to put them below the minimum, or their outside business interests are such that income tax withholding is not required. (For instance, they may pay taxes quarterly.) If you know of anyone who is defrauding the government, please call Bill Davis, Head of Security, or the resident NIS agent. They would be glad to hear from you and would act promptly.

Civilian employee - I've called twice about the NWC telephone book - most recently, last week. I have now gotten my new phone book, and I would like to congratulate everyone on a job incredibly well done. I'm just happy finally to see it, and hope they keep it up. Thanks a lot. ANSWER

Thank you for your interest and for being nice enough to take the time to call again with your very positive comment.

Technical Director Award . . .

(Continued from Page 1)

software program that was written. He was simulations of Safeguard anti-ballistic commended by his branch head for the missile flights. quality of his documentation and "his amazingly high productivity."

This task, which was estimated by an independent source to take several years and \$500,000 to complete, was actually completed in 18 months.

The success achieved on this project represents a milestone in his work efforts at the Naval Weapons Center, Manion stated.

A former teacher of high school level mathematics and computer science at the Sherman Institute in Riverside, Calif., Manion left there four years ago to come here and resume a Civil Service career that he had started at the White Sands Missile Range near Las Cruces, N.M.

At White Sands, where he was employed by the Department of the Army, Manion science degree in his chosen field.

was involved for three years in computer

Manion has a master's degree in mathematics that he received from Arizona State University at Tempe in 1970, as well as a bachelor of science degree in math from Purdue University in Lafayette,

Beattie, a former student at the University of California at Riverside, where he was majoring in computer science, was hired in March 1980 to work in the Software Development Section of the Range Department's Data Reduction Branch.

computer science program offered here by trols. Cal-State Chico and, last August, completed all of the requirements for a bachelor of parents, Mr. and Mrs. Jerome M. Brophy, of



ADDED BENEFIT — Beginning with his selection as NWC Sailor of the Month for March, ACAN Greg H. Crewse has the loan for 30 days of a 1982 Mercury Lynx from Desert Motors in Ridgecrest. Presentation of the car keys was made to Airman Crewse by Capt. Lahr during a morning quarters ceremony held Monday at Hangar 3. For the remainder of this year, Desert Motors will honor each NWC and VX-5 Sailor of the Month in similar fashion.

NWC Sailor of Month now gets new car for use for 30 days

Air Traffic Controller Airman Greg H. Crewse has been selected as the Naval Weapons Center Sailor of the Month for March.

The letter nominating Airman Crewse for this honor, written by ACCS K. D. Savary. says that "Airman Crewse's professionalism has been exemplary in every respect. Qualified in the Mission Control Radar Facility, Flight Clearance Branch and the ground control and flight data positions in the control tower, ACAN Crewse requires no supervision and sets the trend of high professional standards for his peer group.'

It also says that he will qualify for his Federal Aviation Administration Facility License towards the end of the month.

According to the nominating letter, "Airman Crewse is adaptive to any professional or military demands placed upon him. He exerts all energies to carry out any command or directive that is issued and strives towards excellence in all work."

Airman Crewse has been at NWC for one year of the 20 months that he has been in the Navy. His choice of career fields grew from his interest in aviation and his desire to be around and in it; this interest extends to his present effort to qualify for a pilot's license in his off-duty hours.

Before enlisting in the Navy, Airman Crewse studied at Boise State University in his native Boise, Idaho, and he is continuing his college studies through Western Illinois University on an independent studies basis. He is majoring in economics, and hopes eventually to be able to combine his interest in economics and his interest in aviation.

Outdoor activities like downhill skiing and camping take up his spare time whenever he has enough time to take advantage of the out-of-doors.

For being chosen as Sailor of the Month. Airman Crewse will receive a letter of congratulations signed by the Commander, an NWC plaque, a 96-hour special liberty, and have 30 days of no-duty status. He will

Navy enlisted man fatally injured in motorcycle accident

A motorcycle accident that occurred at around 11 a.m. last Sunday on Highway 178 near Onyx claimed the life of ADAA William P. Brophy, 19, an A-7 plane captain assigned to duty on the Hot Line at Armitage Airfield. ADAA Brophy died of severe head injuries, after reportedly failing to negotiate a turn on the motorcycle he was riding.

The deceased, who reported to duty in the Aircraft Support Division of the NWC Aircraft Department on March 1, 1981, had been a plane captain since last September. He was responsible for the final checkout of any of NWC's A-7 Corsair II aircraft to make sure they were safe for flight before He was accepted as a Co-op student in the leaving the ground with a pilot at the con-

The accident victim is survived by his



ACAN Greg H. Crewse also have the use of a reserved parking

place at the Enlisted Mess for a month. As to what use he will be able to make of that reserved parking place, Airman Crewse currently has the loan of a 1982 Mercury Lynx from Desert Motors in Ridgecrest, courtesy of Jim Charlon, president of the Ridgecrest Chamber of Commerce and the Military Affairs Com-

mittee of the local businessmen's group. The keys to this car were presented to Crewse by Capt. Lahr during a morning quarters ceremony held last Monday outside Hangar 3 at Armitage Airfield.

Hillyer honored . . .

(Continued from Page 1)

CNM R&D centers, one of which is NWC. In this capacity the DNL serves as a subclaimant for laboratory resources within the Navy Material Command with the same rights and responsibilities as other major subclaimants (such as the SYSCOMS).

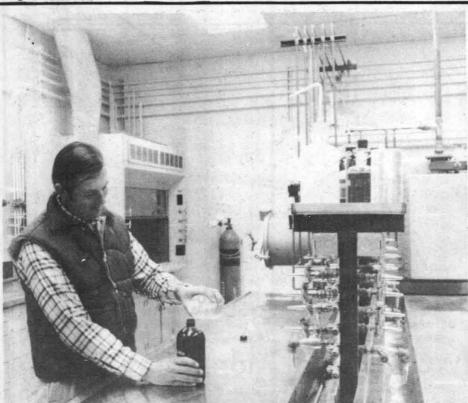
As an advisor to ASN (RE&S) the DNI serves in a staff and advisory capacity for matters relating to all 23 Navy Laboratories on virtually all aspects of their operations.

In announcing Hillyer's selection, Capt. Lahr noted that "it's a tragic day for NWC to lose him because his abilities are so immense, but in the long run it's a good deal for the Navy because there is nobody more qualified for this job than Bob."

He also noted that Hillyer's technical expertise and leadership in the role of DNL would strengthen the position of the Center, as well as the laboratory community as a

Hillyer said that his decision to move had been difficult because "I like what I'm doing, I like my job here, and I especially like the people." He added that one reason that he felt he could take the job was that the depth of expertise and management skill at NWC was so great that minimal damage would be done by his leaving.

Burrell W. Hays, Deputy Technical Director and Laboratory Director, will serve as the Center's Technical Director when Hillyer leaves, probably around the first of July.



MORE WORK SPACE - Charles Beach fills a bottle (with a liquid safe to pour without wearing safety glasses) in one of the labs in the newly rehabilitated laboratory building at CLPP. All the equipment in this building was cannibalized from facilities that have been shut down.

CLPP area bldgs. upgraded

(Continued from Page 1) primarily the home of Dr. Jim Bryant's Applied Science Branch.

Building 13040 has a completely new look both on inside and outside. First, a corridor was wrapped around the exterior of the building, making it possible for personnel to go from one office to another next door without having to go out of doors (quite an improvement, considering that the building is located on a windy hill).

Ceilings were dropped to permit a better heating/cooling system, recessed lights, and acoustic tile to be installed. Floors were covered with asphalt tile. In the larger bays, brightly colored, free-standing panels were used to provide private working spaces.

The areas that had contained ovens concrete bays with walls two feet thick were completely revamped. Diamond drills were used to cut away the excess concrete, the massive oven doors were removed, and the rooms refinished as additional office

LEAKY ROOFS A PROBLEM

Leaky roofs have been a continuing problem throughout the ordnance laboratories due to the multitude of vent pipes to exhaust fumes from laboratories and test bays. The roofs on these two buildings have been completely redone, making rainy indoor precautions a thing of the past. (Dr. Bryant points out that when it rained, plastic sheeting had to be hung inside to catch the water so that it would not ruin instrumentation and office equipment.)

Building 13060 has also been revamped, making it into prime laboratory space. Again, the roof was repaired. Those who used to work in the building said that the biggest difference between indoors and outdoors following a rain was that the puddles outside evaporated more quickly.

Laboratory facilities were completely rebuilt. By using equipment from buildings that are being dismantled, costs for the upgrading were kept to a minimum despite the creation of modern and efficient working areas.

Clarence Renne, who has since retired, spearheaded a major study about Ordnance Systems Department facilities, examining those that were in the inventory at the time, to determine what it would take to meet present and projected department needs, and what facilities could be declared excess.

Implementation of his recommendations began in 1980; the plan will be completed within five years. The work began under the leadership of Rich Printy (now Associate Department Head for Production in the Public Works Department), Bill McMillen, Mike Thorpe, and Glen Johnson.

Thirteen of 20 relocations of facilities have been accomplished, with the other seven underway. The two buildings whose New research shows marijuana can do users considerable harm

The illicit substance most abused in America today - and the one about which there is the greatest controversy - is

According to "Marijuana and Health," issued recently by the Institute of Medicine of the National Academy of Science, in 1979 more than 50 million Americans had tried marijuana at least once. It also was reported that, while more high school students have used alcohol than marijuana, ever published - just how serious the use of 9 percent of high school seniors used marijuana can be is still not quite marijuana daily while only 6 percent used

metabolized and eliminated from the body deal of harm. rapidly, the psychoactive components of marijuana remain in the body for a long

According to research findings, on a short term basis marijuana impairs motor for glaucoma, for asthma sufferers, and coordination (such as needed for driving a car), affects sensory and perceptual func- further research on all these is definitely tions, impairs short term memory and slows indicated, according to the Institute of

HEART RATE INCREASED

It raises the heart rate and can raise blood pressure. Marijuana smoke also increases the likelihood of lung cancer because a marijuana cigarette tends to be smoked down to the very end where tars accumulate (and it also tends to be smoked by those who are already smoking cigarettes, thus increasing the chance of lung cancer).

Those who smoke marijuana also hold the smoke in their lungs longer to increase the effects of the drug; the end result is that each marijuana cigarette equals the adverse effects that anything from five to a whole pack of regular cigarettes can have.

While many marijuana users have reported that they have increased sexual powers while stoned, reports from their partners who were not stoned counter those comments. No firm clinical evidence yet exists that marijuana lowers male fertility, but there is increasing evidence that it can adversely affect a woman's ovulation and menstrual cycle. The Institute of Medicine feels that further research in that area is essential, as well as to determine what damage the main psychoactive elements of marijuana (and hashish) can do to

SMOKERS ROLL THEIR OWN

The majority of marijuana users smoke their marijuana in hand-rolled cigarettes (joints), made of the leaves and seeds of the hemp plant which grows throughout the temperate climate areas of the world. The resinous secretions of the cannabis plant can also be compressed into balls, cakes of cookie-like sheets (hashish in all three forms), and hashish oil can be put onto regular cigarettes to give them the same effect of a marijuana cigarette (or more

Controversy over the use of marijuana began in the 1930s in the United States when Room of the Community Center next the results of its use were pictured as being far more violent than they may prove to be.

with another four actions underway Nine buildings had been slated for demolition, but the action was cancelled on one of these. Five have now been torn down, and three more are in the process of being A total of 29 buildings was scheduled for

modification was celebrated with the rib-

bon-cutting ceremony were the first com-

pleted under the modification program,

renovation, but action on two of these has been cancelled. Five have now been renovated, 14 are being renovated, and eight have not yet been touched.

Proportionately, the biggest gains so far have been made in consolidating or relocating functions: out of 36 planned, 26 have been completed and another eight are

The creative look at the reworking of already existing facilities rather than opting for starting over has saved the Navy literally both millions of dollars and years of time in providing the kind of environment that enhances the work of creative em-

Representative of NAGE to visit NWC on April 30

The National Association of Government Employees (NAGE), one of 14 health benefit plans available to employees of the Naval Weapons Center, will send representatives here to brief interested persons on the health benefits coverage provided by

The representatives will be in the Joshua Friday, April 30, from 8:30 to 11:30 a.m.

Films made such as "Reefer Madness" showed "drug fiends" displaying extremely violent symptoms; when these violent symptoms were shown to be false, many users felt that all adverse reported results were also false and held that the use of marijuana constituted less of a danger than

According to the Institute of Medicine report - the latest and most authoritiative established except that it is an illicit drug and it definitely does not do the majority of Unfortunately, while alcohol is its users any good and can do them a great

POSSIBLE MEDICINAL USE

Marijuana does show some potential medicinal use in the treatment of the nausea resulting from chemotherapy for cancer, possibly in the treatment of epilepsy, but

Marijuana is definitely not without effect on the human body - there all users agree. In the cases of its medicinal use, such effects are less adverse than nontreatment would be. In the healthy body, however, the effects are entirely adverse physically as

Series of meetings scheduled on new health benefit plan

Several presentations during which information on the Foundation for Medical Care Plan will be provided have been scheduled at the Naval Weapons Center.

The briefings about this new, comprehensive health benefits plan that is available to NWC employees will be presented at 8:30 and 10 a.m. and at 1:30 and 3 p.m. on Tuesday, Wednesday and Thursday, April 27-29, in the Yucca Room of the Community Center.

Mrs. Marguerite Paige, a representative for the Foundation for Medical Care Plan. also will be available at the Community Center on all three days from 7:30 a.m. to 4:30 p.m. to answer questions that NWC employees may have about this new health benefits plan.

Police

reports . . .

An unlocked vehicle provided an easy target for a car clouter, who ripped off stereo speakers and cassette tapes from a car left parked on a dirt area behind the NWC Federal Credit Union building on East

The incident, which resulted in a loss estimated at \$143, occurred at around 6:15 p.m. on April 15. The victim was inside the Credit Union for approximately 15 minutes. HOUSING AREA VANDALISM

Vandalism at a vacant house at 1302 Essex Circle was discovered and reported last Saturday to China Lake police.

Mischief makers threw rocks that damaged a screen and broke the glass on a sliding door leading into the patio. Cost for repairs before the house can be rented again was set at \$468.

Nearby at 1308 Essex Circle, a similar incident occurred sometime between 8:30 a.m. and 2 p.m. last Saturday. The result was several broken windows and a torn window screen. Estimate of the damage was \$300.

MONEY STOLEN IN BEQ

The theft of \$150 from a locker was reported Tuesday to China Lake police by the occupant of Rm. 327 in BEQ-3.

Both the door to the room and the locker in which the money was kept had been locked, the victim reported, but there was no sign of forced entry.

Mine rescue techniques taught to Search, Rescue team members

Search and Rescue Team completed training last weekend that resulted in their breathing apparatus. They and other team members also respond to mine disaster and

April 23, 1982

Those who took and successfully passed the training course given by Bart Benedetti from the Mine Safety and Health Administration Training Center in Phoenix, Ariz., and Jay Hart, a safety specialist from the field office in San Bernardino, are Capt. Ron Smith, Lt. Bob Wilhelm, Fred Camphausen (a team leader), Jeff Riggs, Jim Williams, Gary Worden, and Jim Baldwin.

The IWV Search and Rescue Team now has the only certified instructors in the entire southern California area south of Fresno, and expects that there will be many calls for training since any active underground mine must have rescue capability. There are currently 36 active mines in California south of Fresno, and there are an estimated 10,000 abandoned mines in the local area alone

The team is able to get to the site of any disaster in this part of the state quickly because it is able to keep its equipment in a central storage area on the Center and because of Navy assistance in times of emergency, such as the use of the SAR

The breathing equipment would be of use

Seven members of the Indian Wells Valley might fill the basement of a building with hazardous gases or smoke. Most fire department breathing equipment is onebeing certified to teach mine rescue hour equipment; the McKay equipment techniques and the use of McKay two-hour ensures a two-hour supply of breathable air so that a team can enter a mine shaft. tunnel, or other enclosed area and be able to spend a much longer period of time searching for anyone believed to be missing.

Team members practice together so that they can become thoroughly familiar with each other's actions and way of thought because communication when a team is wearing the breathing apparatus has to be by a rope lifeline stretched between them. Different numbers of pulls on the line signify whether to stop or to move on, and whether a victim has been located.

The lifeline extends to the surface of any mine in which a rescue operation is underway; four tugs on the line means that the rescue team is in distress and a standby team needs to go in. On all rescues, a standby team on the surface is mandated.

The IWV Search and Rescue Team uses equipment that has been gathered with the aid of a number of local groups. Team members have also purchased much of the equipment with their own personal funds.

Contributions made by the Ridgecrest Exchange Club lead the donation list of money given by local service clubs, and the Women's Auxiliary of the Commissioned Officers' Mess has also donated money for equipment. Another source of equipment also in case of any sort of a disaster that has been government surplus material.

JPs can sign up for career guidance testing, counseling

available at NWC enables junior professional employees to learn what type of work would best suit them on the basis of their own skills, interests, and personal

Heart of the program is an 8-hour battery of tests that will be given on May 11 and 12with four hours scheduled each day. The 14 tests include interest, aptitude, personal style, and creativity tests. After the exams, a test profile will be drawn on each person who takes the test and the individual will have a free two-hour feedback interview about the meaning of the test results.

The counseling will be done by Dr. Wills Hill, a professional career counselor and director of testing and counseling at Cal-State Bakersfield. The test results are confidential, and only Dr. Hill and the individual junior professional will ever be able to link that person's test results to the

Test results are purely to enable each junior professional to make the best career treatable. Today, there is hope for cancer choices to fit personal abilities in such areas victims. One and a half million cancer ment, engineering. applied research, design engineering or progress in science. Call Tel-Med at 446-3541

professional employees began in the mid- treatment.

The Junior Professional Career Guidance 1960s, with the first group being tested in new professionals to plan their careers better. To ensure that the test results will always be kept confidential, a contractor has given the tests, scored them, and done the post-test counseling and guidance to the individuals. Only summary information becomes available for Center use.

> Anyone who is currently a junior professional or who has recently completed junior professional training and was unable for any reason to take the tests during his or her junior professional year is eligible to take the tests that will be given in May at Cerro Coso Community College.

Those who would like to register to take the tests, or who would like further information, should contact Marie Duff by calling NWC ext. 2686.

Tel-Med has answers

Does the thought of cancer striking you or a family member sound frightening? In one out of three cases cancer is curable or victims have recovered because of the and ask to hear tape No. 181, "Cancer - The The career counseling program for junior Curable Disease" to learn about cancer out at the Hobby Craft Center between the

Camphausen peers over Wilhem's shoulder. The smoke bomb was used as a test to make sure that the breathing apparatus worn by the men was working properly. Testing and Counseling Program that is 1967. The aim of the program is to enable Recreational vehicle storage area open to Center residents

READY TO TEST - Ron Smith (1.) and Bob Wilhelm get ready to light a smoke

bomb in the civil defense boxcar in order to test their breathing apparatus as Fred

A recreational vehicle storage compound, operated by the Auto Hobby Shop for the Recreational Service Department, opened this week at the Naval Weapon Center.

The RV storage compound, roughly a third of an acre in size, is located near Knox Road, south of the Public Work Department area. It is available for use by military personnel and civilians who reside at China

Recreational vehicles including camping trailers, camper shells, horse trailers, box trailers, motor homes and boats can be stored in this enclosed compound, which was graded and covered with a crushed granite surface in preparation for this use.

Owners may place recreational vehicles or boats in or remove them from the compound during the Auto Hobby Shop's hours of operation which are: 1 to 7:30 p.m., Tuesday through Thursday; 9 a.m. to 4 p.m. on Saturday; and 12 noon to 5 p.m. on

On Mondays, RVs can be checked in and hours of 9 a.m. and 7 p.m.

Individuals desiring to store or remove vehicles or boats from the RV storage compound must present proof of ownership. Only registered owners, or persons designated in writing by the owner, are authorized to store or remove vehicles.

Neither the Recreational Services Department nor the Naval Weapons Center assumes responsibility for damage resulting from fire, theft or vandalism at the RV storage compound. For this reason, RV and boat owners are encouraged to obtain insurance to cover damage or loss before storing any vehicle or boat.

In addition, it is recommended that no personal effects be left in vehicles or boats that are placed in storage. If this is done, it is solely at the owner's risk.

Energy conservation tip

If you need to purchase a gas oven or lights. With such an ignition system you'll save an average of up to 47 percent of your gas use - 41 percent in the oven and 53 percent on the top burners.

IWV Health Fair Expo scheduled tomorrow in Ridgecrest

Demonstrations and tests, all aimed at increasing local residents' awareness of the that can be taken to alleviate certain conditions before they become a serious problem, will be featured during the third annual Indian Wells Valley Health Fair

The location for this event, which is scheduled tomorrow from 9 a.m. to 4 p.m., is the Senior Citizens' Center, 125 S. Warner St., Ridgecrest. It is part of a nationwide program of free health screening and health education.

Locally, members of the American Association of Retired People (AARP) will register those visitors at the Health Fair Expo who wish to undergo an abbreviated

Data on an individual's age, height, and importance of personal health, and the steps weight will be noted on a registration card that also will have space for additional information on such things as blood pressure, anemia, vision and hearing acuity that will be noted down as the Health Fair Expo participants move along from one station to the next - each manned by a volunteer registered nurse or a licensed vocational nurse.

In addition to the testing stations, there also will be a number of displays that will be set up to provide public education in areas ranging from hearing and oral screening to addition to demonstrating the use of

For those who wish to take advantage of charge of \$7 per person for the purpose of will show how equipment carried by am-

checking an individual's cholesterol level, as well as any signs of diabetes, or liver or kidney malfunctions. In addition, this same test will provide read-outs on 20 other blood

This \$7 test provides the same information that usually is obtained from tests costing \$50 or more. The special price has been arranged for the Health Fair Expos in southern California.

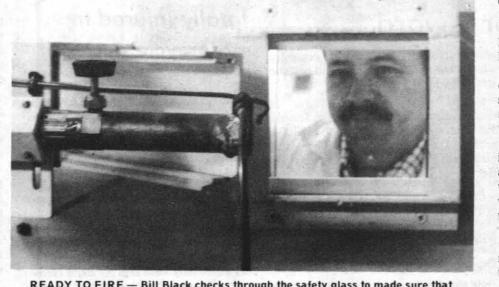
Tri-County Ambulance Service employees will be taking blood pressure readings and manning a Heart Association booth, in paramedic equipment. Outside the Senior Citizens' Center, members of a Explorer it, a blood test will be offered at a nominal Post sponsored by Tri-County Ambulance bulances is used to extricate accident victims from smashed vehicles. Back again for this year's Health Fair will

be the Lions Club Evemobile at which tests for glaucoma and other eye problems will be offered free of charge. More than a dozen local organizations will be represented at the Health Fair Expo, in

addition to the Kern County Health Department, which will offer immunizations to protect against diptheria and The Health Fair Expo is a community service promoted by KNBC (TV Channel 4

in Los Angeles) and funded by Chevron U.S.A.

The local chairman of this event is Dan



READY TO FIRE — Bill Black checks through the safety glass to made sure that the torch is set and ready to be lighted up. The new quarters and facilities in the renovated laboratory building are both safer and pleasanter than they had for-- Photo by Don Cornelius