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April 22, 1983

Fund raisers part of High Desert Escapades

A fun filled weekend that includes a number of events planned as fund-raisers by various sponsoring organizations is on tap tomorrow and Sunday at the Desert Empire Fairgrounds in Ridgecrest.

April 23 and 24 are the dates of the sixth annual High Desert Escapades, a communitywide celebration arranged by the Ridgecrest Chamber of Commerce.

The two-day fete will get underway each morning at 7 with a pancake breakfast prepared and served by the Kiwanis Club of



Women's Auxiliary of the Commissioned Officers Mess modeled appropriate clothes for summer wear at a luncheon meeting held last week. Shown are Jan Lahr, modeling one of the dresses loaned by local merchants, while Maureen Toftner and her wee daughter, Monica, model two garments made by Mrs. Toftner for the "Sew Your Own" portion of the show.

VARIETY OF DRESS - Members of the

Work tomorrow will interrupt reception of television programs

television reception from the TV Booster at Laurel Mountain is expected to take place tomorrow. Weather permitting, volunteers will be taking care of scheduled maintenance and improvement work.

For safety reasons, two or more television channels will be turned off simultaneously while improvements are being made to the TV Booster antenna system.

The work that is planned involves the installation of new antennas for UHF channels 51 and 65, which are used by the booster to relay signals from KERO-TV in Bakersfield and KHJ-TV in Los Angeles.

The new antennas will increase the local reception of these two translator channels, allowing residents at both the eastern and western edges of the Indian Wells Valley to pick up a stronger signal.

Other improvements planned tomorrow include relocation of the TV Booster's Channel 11 receiving antenna, as well as changes to the receiving system used to bring radio stations KVCR-FM and KUSC-



An hour-long interruption to local Relocating the TV Channel 11 receiving antenna is expected to reduce or eliminate troublesome ghosting that has plagued viewers and the TV Booster's volunteer repairmen for some time.

> TV Booster officials are hopeful that improvements in the receiving systems of radio stations KVCR-FM and KUSC-FM (two National Public Radio Stations) benefits the reception of both and fulfills the intentions of the board of directors to bring high quality radio programming to the local area. Stereo simulcasts in conjunction with KCET-TV are available from KUSC-FM.

> Tomorrow's work party was publicized previously as a call for volunteers to help out in late March or April. According to Ed Middlemiss, one of the regular workers on the TV Booster, the response to that appeal was gratifying.

volunteer for TV Booster work parties, or the Optical Shop. queries concerning television reception, can This service also is available Tuesday be sent to the TV booster, P.O. Box 562, through Friday from 10 a.m. until 5 p.m., locations on the Center. Ridgecrest CA 93555

support a variety of youth- and community- re-open at 10 a.m. Sunday. oriented programs during the coming year.

In similar fashion, the China Lake Rotary Club will host a barbecued steak dinner starting at 5 p.m. Saturday, and the evening will be rounded out by dancing to music provided by the Entertainer's Network of devoted to dried arrangements. the Desert (END). Funds raised by Rotarians are earmarked for Cerro Coso Community College scholarships.

Monetary help for Cody Jorgensen, a local and eventually a kidney transplant, will be show, which will draw participants and at the fairgrounds. spectators to the fairgrounds' arena starting at 8 a.m. Sunday.

money that will go towards the AAUW's Burroughs High School scholarship fund.

GUIDED TOURS SATURDAY

The schedule of events on Saturday also includes a guided tour to the tortoise preserve located near California City (starting at 8 a.m.); a tour for 4-wheel drive vehicles to the El Paso Mountains (starting at 8:30 a.m.) and at 10 a.m. another tour group will leave to visit the Pinnacles enroute to the Kerr-McGee plant in Trona.

A Standard Flower Show, co-sponsored by the Desert Planters of Ridgecrest, the Oasis Garden Club of Indian Wells Valley, and the High Desert Woman's Club, will be open

Local Astronomical Society will host desert night show

A desert night astronomy show, sponsored by the China Lake Astronomical Society, will be held tomorrow night from 7 to 10 o'clock at the Desert Empire Fairgrounds as part of the High Desert Escapades' schedule of activities.

Weather permitting, members of the Astronomical Society will set up their telescopes for viewing and will answer questions.

Craters and mountains on the moon, and the rings of the planet Saturn are expected to be visible. This event, which is open to the public free of charge, also marks the local observance of International Astronomy Dav

NEX Optical Shop hours

The Navy Exchange Optical Shop is open from 10 a.m. until 4 p.m. on Mondays information that inadvertently was omitted Questions about future opportunities to in reporting on a recent change of hours at

and on Saturdays from 10 a.m. until 3 p.m.



The Commissioned Officers' Mess has scheduled its next Membership Night fete this evening. The entree on the menu will be steamboat round that will be served in the dining

attending. There is a charge of \$5 for members and their spouses and \$6 for guests. +++

Members and guests are invited to dinner and dancing at the Chief Petty Officers' Club this evening. The Renegades, a country western band, will be providing the musical entertainment from 8:30 until closing time

Prime rib of beef and Icelandic cod will be the special on the menu, with dinners being served from 6 to 9 o'clock. +++

Tonight at the Enlisted Mess "Full House," a Los Angeles musical group (four guys and one gal) will be playing a variety of rock music for the dancing and listening pleasure of those attending.

In addition, Orlando Hollman will be spinning recorded disco music for dancing in the Flight Deck from 9 to 1 o'clock.

Prior to this evening's musical entertainment, shrimp dinners will be served from 6 until 9 o'clock.

Ridgecrest. The proceeds from this un- from 1 p.m. until closing time Saturday in dertaking will be used by the Kiwanians to the exhibit hall at the fairgrounds, and will

Along with horticultural and artistic design exhibits, the schedule of the Standard Flower Show includes a display of native plants for high desert gardens, and there will be other sections of the show

In addition, there will be eye screening tests, free examinations for glaucoma, as well as a new test that is helpful in diagnosing possible diabetic conditions that youngster who suffers from a kidney will be administered by personnel in charge disease that requires constant monitoring of an eyemobile being brought here by the Ridgecrest Lions Club. The eyemobile will provided by the sixth annual Do-Dads horse be set up on Saturday from 10 a.m. to 2 p.m.

WILDFLOWER SHOW SLATED

Not at the fairgrounds, but definitely a The aim of the American Association of part of the High Desert Escapades, is a University Women, who will be staging a wildflower show that will be open from 1 to 5 used book sale on Saturday, is to bring in p.m. on Saturday, and from 10 a.m. to 4 p.m. Sunday at the Maturango Museum.

> The fairgrounds also will be the setting on Saturday for a bicycle motocross race (starting at 11 a.m.), tortoise and lizard races (starting at 2 p.m.), a show by the Civil War Associates (starting at 3 p.m.) and at night (from 7 to 10 o'clock) the China Lake Astronomical Society will set up telescopes for use by star gazers who wish to get a closer look at the moon and the rings of the planet Saturn.

SPECIAL EVENTS SUNDAY

Special events on Sunday, in addition to the pancake breakfast and Do-Dads horse show, include a swap meet (starting at 8 a.m.), and tours (all starting at 9 a.m.) to Fossil Falls, to Petroglyph Canyon in the NWC northern range area, and to the Rand Mining District.

Joining the festivities at the High Desert Escapade tomorrow and Sunday will be the Desert Art League, which will hold its annual art show and sale at Joshua Hall on the Desert Empire Fairgrounds.

The show will be open from 9 a.m. to 5 p.m. tomorrow, and from 9 a.m. until 4 p.m. on Sunday. Many of the paintings and drawings of all kinds will be for sale, along with books and magazines on art that are also for sale.

Art lovers are welcome to visit the show and enjoy the pictures whether or not they intend to make any purchases.

Variety of locations are included on field trip itinerary

Maturango Museum members and their guests who would like to get away and get closer to nature will have the chance to do so on Saturday, April 30.

A field trip sponsored by the museum will be visiting several different environmental

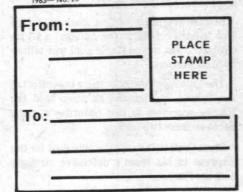
Sights to be seen include the elusive fairy shrimp that can be now be found in Mirror Lake, the ancient creosote bush rings in the sand dunes, a desert oasis for birds and fish, and spring wildflowers in a rocky canyon.

Beverly Kohfield, a biologist from the Environmental Branch in the Public Works Department, will lead the outing, which has been limited to the first 25 people who reserve spaces.

Those going on the excursion will meet at the museum at 8 o'clock on April 30 for the all day affair.

For more information contact Edna Laytart by calling 446-6900.

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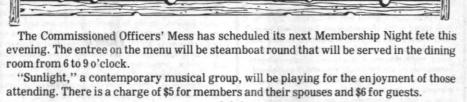
These positions have now been filled. Louis J. Giegerich is both the Center's Director of Computing Applications (Code 01A6) and Assistant Department Head for Computer Science of the Research Department (Code 38A).

The two functions have been combined to emphasize their importance in preparing liness, as well as independence from any the Center for future computer operations and in clearly indicating that his responsibilities are Center-wide in scope and authority under the direction of G. R. Schiefer, Deputy Technical Director.

Work on Lab Program Review basis for honor

specialist in the NWC Technical Information Department, has been an NWC employee technician in the Electronic Warfare Department, recently became the latest for the past nine years. She was graduated Department's Microwave Branch. recipient of the Commander's Award for from UCLA in 1970 with a bachelor's degree Excellence in Mission Support.

in film writing For a year she was employed by Comarco and has been with Code 34 ever since. The pyramid-shaped paperweight and letter of commendation that accompanies in Ridgecrest as a checker of drafting work From writing and editing, she moved into this award was presented to Ms. Vitale by before she joined the Civil Service work (Continued on Page 5) Capt. Lahr during a late afternoon meeting held in the patio area of the TID building. Ms. Vitale was commended for the outstanding manner in which she coordinated and insured both the timeliness and quality control of the NWC Laboratory Program Review that was developed and produced by a team of Technical Information Department employees. The Laboratory Program Review is an annual status report on the Naval Weapons Center given to the Chief of Naval Material, among others, that includes information on major technical programs, management philosophy, personnel and financial matters, as well as problem areas. A written narrative was prepared to accompany film slides, and the information that has been compiled was presented by the NWC Commander and Technical Director in January of this year. The package also includes a book, the





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nwc rocketeer

NAVAL WEAPONS CENTER CHINA LAKE CALIFORNIA

Principal positions filled for coordinating growth in computer use on Center

more than 1,000 computers representing 45 vendors could be found at NWC.

To coordinate future growth in an orderly fashion so that computers on board will best meet Center needs, an Office of Director of Computing Applications (Code O1A6) has been established containing three program offices: the ATIPS Program Office (Code O1A6A), the Corporate Data Base Program munications Systems Program Office (Code

Karen Higgins is the head of the ATIPS Program Office, Nils Wagenhals will head of April 26, and Dale Batchelder heads the Communications Systems Program Office. In addition, the Office of the ADP

Commander's Award presented

In 1953, the only computer at China Lake continue its operations and functions under was an IBM 701; by the beginning of 1983, Bruce Wertenberger. Responsibilities include implementation of Center-wide computing plans, policies, standards and procedures. Wertenberger also reports to the Deputy Technical Director.

That computer operations will continue to grow is unquestioned. The Naval Material Command has mandated implementing several additional automated management information systems, and scientific and Office (Code O1A6B), and the Com- technical personnel will also have increased need of computing tools.

A study by Dr. Ivar Highberg, Dr. Peggy Rogers and Wertenberger in 1980, commissioned by B. W. Hays, recommended the establishment of an Office of Director of Computing Applications to manage the proliferation of computers, and to ensure adequate security, cost effectiveness, reliability, accessability, and user friendone vendor

Dr. William G. Lane, former head of the Computer Science Department and Dean of the School of Applied Sciences at Chico State University, served as a consultant with solving some of the problems that had the Corporate Data Base Program Office as developed and to establish a charter for the another.) Office of Director of Computing Applications.



LOTS OF PAPERWORK - Lou Giegerich, the Center's Director of Computing Applications and Assistant Head of the Research Department for Computer Science, finds he has to deal with a lot of printed materials as well as a variety of computers.

that the computers can "talk" to each other, adopting standard programmer languages, adopting operating systems and software engineering, and developing local automated data processing equipment procurement and data dictionary standards to help the user become a smart buyer. (A eight task teams to develop guidelines for data dictionary standardizes definitions so that a user can move from one data base to

The Office of Director of Computing Applications will be a resource for all Solution guidelines include adopting computing applications Center-wide, in-Resources Manager (Code 01A1) will standard communicator protocols to ensure cluding corporate planning and

procurement, scientific computing, office automation, management information systems, and communications networking.

The holder of that office will be responsible to develop Center-wide plans for acquiring computers that are technologically adequate and cost-effective, and to formulate policies and recommend standards to ensure compliance with Navy ADP directives.

The Director of Computing Applications will also keep up to date with regard to future trends in computer development, and will maintain close liaison with those responsible for ADP development in the Navy to be sure that the Center's needs are

The Office of ADP Resources Manager will continue to exercise delegated ADP approval authority for the Center.

After nationwide advertising, Lou Giegerich was selected to head the Office of Computing Applications. His knowledge of Center operations is more comprehensive than that of most NWC personnel because he has worked in a wide range of departments on board since he transferred here when the Corona Laboratories closed in 1970.

Giegerich's experience with computers began in 1963 when he taught numerical nalysis at Lovola University in Los (Continued on Page 3)

Cutback slated in contractor-handled custodial services

A reduction in custodial services, made necessary by NWC budgetary constraints, will take effect on Monday.

Regular custodial work performed by Pan American World Services employees in most of the buildings on Center that are covered by this service will be decreased from five to three days per week.

In addition, spray buffing of floors will not be performed regularly, as has been the case in the past, but must be requested by calling NWC ext. 3874 or 3264. All other custodial services remain unchanged.

Anyone seeking additional information, or who may have a problem related to the performance of custodial service, is asked to contact Chuck Beckley, Code 2682, by calling NWC ext. 2892.

"Presentations Support Document," that was forwarded for NAVMAT review prior to the time that the Laboratory Program Review was presented.

The latest such presentation drew highly favorable comments from both Admiral John G. Williams, Jr., the CNM, and Robert Hillyer, the DNL.

Ms. Vitale, who was nominated for the Commander's Award by Stephen E. San-

Elena Vitale, an audio-visual production ders, head of the Technical Information force at China Lake as an engineering

Ms. Vitale transferred to TID's Publications Division in November 1975,

SLIGHTLY STUNNED — Elena Vitale reacted with stunned disbelief when called forward to receive the Commander's Award for Excellence in Mission Support from Capt. Lahr. The presentation took place during a meeting of Technical Information Department employees in the patio of the TID building. Ms. Vitale was commended for her coordination of the intensive effort that went into preparation of the NWC Laboratory - Photo by PHAN Greg Hogan Program Review.

understood.

Page Two

ROCKETEER

BLOOD TEST DEMONSTRATION - Marion Colpitts (1.) demonstrates to Alice Leonard how blood is taken for anemia testing at the Health Fair Expo, which is scheduled in the Burroughs High School multiuse room on Saturday, April 30, from 9 a.m. to 4 p.m. All local residents are invited to take advantage of the variety of free health screening tests that will be performed, and also to gain the benefit of the dramatically reduced price of only \$8 for a sophisticated blood chemistry test

Chapter of Mothers Against Drunk Driving now formed

Everyone interested in getting drunk also join the organization by sending their laws against drunk drivers (and stronger enforcement of those already existing) is invited to attend a meeting of the local chapter of Mothers Against Drunk Driving (MADD) tonight at 7 o'clock at the home of Laura Brady, 1410 Lexington, China Lake.

The local chapter of this national organization has been formed by Mrs. Brady and by Dulcie Kreie, both of whom have lost sons in traffic accidents.

"I'm through not getting involved," says Sunday Mrs. Brady. Her son, his fiance and a friend all lost their lives in a crash caused by a correct time is to remember to set all clocks driver who was under the influence of both ahead one hour before retiring for the alcohol and marijuana. "I want to help keep evening on Saturday. some other mother's son alive.

Both men and women are active in MADD and are invited to attend. One of the strongest local boosters of the organization is Father Robert Berger, the Episcopalian priest from Trona.

MADD conducts programs of community awareness and education, victim assistance, and victim advocacy. Victim assistance includes help from providing money for medical needs to providing a listening ear for families of persons killed or injured by drivers under the influence of alcohol

MADD also advocates court watching. and the promotion of stronger laws against driving while under the influence.

Everyone who is interested is welcome to attend meetings, whether or not he or she is interested in joining. Concerned citizens who are not able to attend meetings may

The Rocketeer Official Weekly Publication Naval Weapons Center

China Lake, California Captain J.J. Lahr

> WWC Commande B.W. Hays **Technical Directo**

Dennis Kline Public Affairs Office

> Don R. Yockey Editor

Mickey Strang Associate Ed PH1 Benita Tetreault

PHAN Rebecca Gill PHAN Greg Hogan Staff Photographers

drivers off the highways, in protecting the dues to Mrs. Brady. Tax-deductible dues are rights of victims, and in promoting stronger \$10 per year per person, although larger contributions would be gratefully accepted by the organization Anyone wishing further information about

MADD, or about the meeting, can reach Mrs. Brady by telephoning 446-5608 evenings, or Mrs. Kreie by calling 375-5972. Daylight Saving Time calls

for setting clock forward

The annual changeover to Daylight Saving Time will take place at 2 a.m.

The simplest way to keep abreast of the





News Stories deadline 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. Phones 3354,3355

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in thi 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 i specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Emplayment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer: selections are made without discrimination for any nonmerit reason

uncement No. 25-005, Contract Administrator, DA-1102-1, PAC No. 8325539, Code 252 — This position is located in Contracts Division of the Supply Department. The in cumbent is responsible for assisting Senior Contract Adnistrator in contract management-maintenance from the point of contract award through physical and financial ompletion; interpreting terms of contracts; and maintaining liaison with contractors and customers. Advancement potential to DP-3. Job Relevant Criteria: Knowledge and use of regulations including DAR (Defense Acquisition Regulations); knowledge of government and tractual practices and policies; ability to deal etfectively with a wide variety of people; ability to com-municate effectively both orally and in writing.

Announcement No. 25-006, Contract Specialist, DA-1102-1, PAC No. 8325538, Code 252 - This position is located in the Contracts Division of the Supply Department. The incumbent analyzes proposed contractual actions for adequacy and clarity and for conformance to government regulations. Maintains liaison with contracting officer concerning priorities, justifications, etc. Processes all ADPE requirements for NWC and participates in contract nonitoring. Assists Senior Contract Specialists as required for career development purposes. Advancement potential to DP-3 level. Job Relevant Criteria: Knowledge and use of egulations including the DAR (Defense Acquisition Regulations); knowledge of government procurement and contractual practices and policies; ability to deal effectively with a wide variety of people; and ability to communicate effectively both orally and in writing.

ncement No. 31-097, Secretary (Typing) GS-318. 3/4, PD 8031185, Code 3194 - The incum bent provides clerical and administrative support to the F/A-18 Project Branch. Secretarial duties include: receive and direct visitors and phone calls, exercise control over appoint calendar and set up meetings and conferences; receive and screen incoming mail; maintains files, review, edit and prepare official correspondence. Job Relevant Criteria: Ability to perform receptionist and telephone duties: ability to review, control, screen, and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare nontechnical eports; knowledge of filing systems and files management; ability to meet the administrative needs of he office; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Previous applicants need not reapply.

ment No. 26-366, Planner Estimator (Utility Systems), WD-4742-8, JD 877, Code 2612 - This position is the P & E Branch of the Maintenance Control Division, Public Works Department. Position provides detailed manpower/material estimates in the areas of air conlitioning, heating, sewage, steam and electricity distribution for NWC utility systems. Job Relevant Criteria: Ability to facilitate production by estimating time/materials and submitting associated reports, data,

Training opportunities

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

Multidiscipline, all series DP3/4. This is a Naval Scientist Training and Exchange position located at the Naval Air Systems Command (AIR 531), Washington, D.C. Developmental Opportunity: This is a one year developmental opportunity. It is an excellent opportunity technically qualified person to gain valuable experience in Aircrew Escape Systems and Life Support/Survival Programs. The participant will be exposed to a wide range of plans, requirements, studies, and analyses that relate to a systematic approach to eveloping new aviation life support systems (ALSS). The participant will be actively involved in acquisition management programs and will be directly involved in critical life support programs. This office has primary responsibility for the design, development, and acquisition of aircrew escape and life support/survival equipments. The position will be located in the Life Support, Survival and Rescue Branch (AIR-5311), or in the Aircrew Emergency Escape Systems Branch (AIR-5312).

Training Objectives: The primary objectives of this ent assignment are to increase acquisition experfise while broadening skills and knowledge by exposin he individual to the detailed operations of the Crew Systems Division. Specific training objectives are: (1) to provide an in-depth awareness of ALSS; (2) to gain experience in program management and the acquisition process; (3) to broaden the participant's overall developmental experience by working with other Commands, Services, and DoD offices; (4) to gain experience in working with contractors and Navy R&D centers; and (5) to develop a fundamental understanding of the budge

process and how program priorities are established. Qualifications Required: The participant for this evelopmental assignment must possess ageneral un derstanding of escape or life support and survival equip ments and have the ability to assume complex program management duties. A demonstrated ability to com municate verbally and in writing is required for this

write-ups, etc.; Journeyman level knowledge of at leas one of the above trades; ability to interpret technical data (specs, manuals, drawings, etc.); ability to recognize/select appropriate materials associated with one or more of the above trades; knowledge of the operational characteristics of utility systems or related systems, NOTE: Supplemental gualifications statement is required and may be picked up in the Personnel Building, 505 Blandy, room 100.

April 22, 1983

Announcement No. 35-136, Interdisciplinary General/Mechanical/Electronics Engineer or Physicist, DP-801/830/855/1310-2/3, PAC No. 8335515E19, Code 35066 This position is located in the HARM Technical Management Office, Electronic Warfare Department. The incumbent will participate in the development and ultimately operate the AGM-88A High Speed Anti-Radiation Missile (HARM) test facility. The HARM test facility will provide support to both the missile prime and second source contractors, evaluate Fleet hardware and problems and serve as the evaluation facility for various ARM seeker candidates. Incumbent's duties will include engineering design and development, software design and development, checkout and participation in certification of the various test equipments and their association soft ware; and scheduling, planning and coordinating the effort of the Center, Navy, DoD and contractor organizations to accomplish test facility goals. Efforts will be focused or the missile subsystem, but the incumbent is expected to become familiar with the HARM weapons system avionics nterfaces and associated software. Job Relevant Criteria: Broad technical knowledge and/or background in manufacturing and production, test and evaluation of guided missiles; knowledge and/or experience in RF system development; knowledge and/or experience in test systems correlation studies and FLTAC certification ability to effectively interface and communicate orally and in writing with people at NWC, other government agencies and industry.

Announcement No. 35-134, Electronics Technician, DT-856-1/2, PAC No. 8335536, Code 3553 - This position is located in the Radar Maintenance and Operations Branch, Code 3553, EWTES Division, Electronic Warfare Depart ment, located at the Electronic Warfare Threat En vironment Simulation (EWTES) facility in the Randsburg Wash Test Area. The work schedule is the first forty hours Monday through Thursday, 0630-1630. Bus transporation is available to and from work site. The incumbent will serve as a team member whose responsibilities include operatio and maintenance of radar systems and testing and maintenance of a variety of digital and analog interfaces in support of the EWTES facility. Job Relevant Criteria: Knowledge of radar systems, digital and analog theory; ability to troubleshoot and maintain digital/analog in terfaces as well as microprocessors; the ability to coor dinate, monitor, and review the work of junior technicians

Must also have the ability to communicate effectively. Announcement No. 3617, Supervisory Interdisciplinary General/Mechanical/Specification Writer Editor/Engineering Data Management Specialist DF 801/830/1083/301-3, PAC No. 8036589E, Code 3656 - This osition is that of head, Specifications Branch, Technical Data Division, Engineering Department. The incumbent is responsible to the head. Technical Data Division for providing services that include the following: writes, edits, maintains, coordinates through contracts, and revises data, specification, and related documentation used in the acquisition cycle of weapon systems from conception through engineering development and production. Reviews and provides inputs to drawing, specifications, test plans, procedures, ECPs, waivers, and other documentation with regard to specialized area of expertise. The incumbent is responsible for maintaining a balance of workload and ersonnel to insure efficient utilization of all resources. Detailed planning is required for major tasks including budget and time estimates. Job Relevant Criteria: Ability to supervise an interdisciplinary workforce: knowledge of weapons systems design, performance, maintenance, and operating characteristics; proficiency in writing specifications and related documents; knoweldge of basic military documentation policies and procedures; knowledge of DoD standards used in the development of specifications; ability to communicate effectively both orally and in writing; knowledge of and willingness to support Federal EEO policies and goals.

Announcement No. 3618, Secretary (Typing), GS-318-3/4, PD No. 8336010N, Code 3621 - This position is that of secretary for the Mechanical Systems Branch, Systems Engineering Division, Engineering Department. The in nt provides clerical and administrative support for (Continued on Page 7)

DIVINE SERVICES

PROTESTANT	
Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Masses 0830 &	1130
Daily Mass (except Saturday)	1135
Sunday Religious Education Classes	1000
JEWISH	
Friday in the East Wing	1930
UNITARIAN	

1930

Sunday, Annex 95, as announced

Road

A dirt trail alongside the railroad tracks will be used by the runners as they head east from Invokern back to China Lake Boulevard.

The last water stop in this grueling race will be at the East Kern Regional Park on Las Flores Street, and the final leg of the marathon will take the runners through a portion of the old Wherry Housing area, east on Ridgecrest Boulevard to Richmond Road, and south to the finish line in the vicinity of the fairgounds.

All those taking part in the marathon run have a chance to win something, since there will be a drawing for merchandise prizes that are to be given away after the race has been completed.

Next event on the Over-the-Hill Track Club's schedule of events is a 10-mile run to Invokern along the old route of Highway 395. This race will take place on Sunday, May 1, and is to be followed by a picnic lunch at the Kern County park in Inyokern.

Drillers won by identical scores of 5-0 over

zards to avert a shutout.

Weber. The Sockers got two goals from Lamonte Dawson and one each by Brendan Ledden, Patrick Garrison and Brian Brady in their 5-

0 shutout win over the Sockers. Tie scores were a trademark of games played by first and second grade soccer players last Saturday. In Division 1-2 tilts, the Owls and Apollos fought to a 1-1 draw, while the Rowdies vs. Cobras and Eagles vs. Chiefs games both ended in scoreless ties. In the only other game in this division, the Express edged the Fury 1-0.

Bennie Trujillo scored a goal on a free kick to earn his team (the Apollos) a 1-1 tie with the Owls, whose single goal was tallied

by Mike Matson. The Chiefs put together their best effort of the season on defense as they held the Eagles scoreless in last Saturday's game between these two teams.

Chris Crofford scored the only goal for the

Express in his team's defensive struggle with the Fury.



April 22, 1983

Marathon run set as part of High **Desert Escapades**

A test of endurance, the High Desert Escapades marathon run, will get underway tomorrow at 8 a.m. at the Desert Empire Fairgrounds in Ridgecrest.

Distance runners who feel up the task of tackling the more than 26-mile grind, will be registered starting at 7 a.m. upon payment of a late signup fee of \$13. Runners will be placed in various

divisions based on their age and sex, and the winners of each division will receive awards. Those who finish the race, despite the time that it takes them, will get a High Desert Escapades marathon T-shirt to remind them of their ordeal.

The course laid out for the runners calls for them to trudge west on Bowman Road to South China Lake Boulevard and follow along this main traffic artery to Highway 395 before swinging north to the Inyokern

Additional information on the Inyokern 10mile run can be obtained by calling Scotty Broyles after working hours at 446-2941.

Youth soccer . . .

(Continued from Page 6) 3-4 were Earthquakes 4, Blizzards 1; Lancers 1, Timbers 0; and the Strikers and

the Cosmos and Sockers, respectively. Two goals by Shawn Hamilton and one each by Brian McComb and Kelly Richison powered the Earthquakes to their 4-1 win over the Blizzards. A goal by Steve Mills, assisted by Chad Bass, enabled the Bliz-

A third period goal by John Williams, assisted by Jake Easley, was the only score in the Lancers 1-0 win over the Timbers.

After getting a first half goal on a free kick by David Caraker, the Strikers racked they pounded the Cosmos 5-0. Derek Lindsey's three goals in 10 min. paced the Strikers' second half offense, and another goal was added for good measure by Nathan

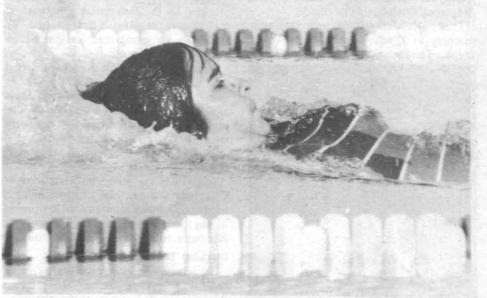
ROCKETEER

BHS frosh-soph swim teams do well at West Covina invitational

School freshman-sophomore swim teams place. Saturday in West Covina.

Burroughs placed first in the West Covina relay team. Other swimmers on the frosh-Invitational, while the girls compiled a soph medley relay team were Scott Roby,

made their presence known at the in- Bill Stout led the boys' freshman swim vitational swimming meet held last team as he won the 100 yd. breastroke race in the time of 1 min., 11.29 sec., and also was The boys' frosh-soph swimmers from a member of the winning 200 yd. medley



FULL STEAM AHEAD - Barbara Archuleta, a member of the BHS girls' freshmansophomore swim team, churns up the water during the backstroke leg of the 200 yd, individual medley race. She placed second in this event at the West Covina Invitational swim meet, and also was a member of the BHS record-setting 200 yd. freestyle relay -Photo by PHAN Greg Hogan

Promotional opportunities

(Continued from Page 2)

the supervisor and branch. The incumbent's duties include maintaining the branch head's calendar; receiving, screening, and directing visitors and phone calls, reviewing correspondence; receiving and distributing incoming mail; maintaining files; preparing and handling time cards, travel orders and itineraries, and purchase orders for materials, supplies and equipment; typing memos, letters, and technical reports from rough, handwritten drafts. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or prepare nontechnical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to plan and coordinate travel arrangment; ability to maintain and coordinate supervisor's calendar and arrange meeting/conferences. Supplemental Qualification Statement required in addition to the 171 Form. Status eligibles may apply.

Announcement No. 08-013, Supervisory Computer Systems Analyst, DP-334-3/4, PAC No. to be assigned, Code 084 - Position is head, Management Data Processing Division in the Office of Finance and Management, I cumbent supervises Data Processing Staff, plans, schedules, budgets, coordinates, and directs the activities necessary to provide NWC with timely and accurate financial status. Interfaces and provides assistance to STAFS Project Office, NWC Departments, and other groups involved with ADP system development, both on or off NWC. Monitors and evaluates the performance and products of a prime contractor and subcontractors. Advises department and division managers on data processing improvements and alternatives in functional areas, plans and coordinates departmental ADP longrange software and equipment requirements. Job Relevan Criteria: Knowledge and experience with large-scale complex ADP financial systems. Supervisory experience is essential. Knowledge of systems development programming and ADP operations required. Knowledge up four more scores in the second half as and ability to coordinate multiple supporting in house and contractor groups. Knowledge of Center ADP policies and standards. Support of EEO programs. Ability to communicate well, both orally and in writing. If this position is filled at the DP-3 level, promotion potential is to DP-4 level. Announcement No. 09-005, Personnel Managemen Specialist, DA-201-3, PAC No. to be assigned, Code 096 -

Reassignment

Opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassign ment Opportunity Announcements are separate from the Promotion Opportunities column in the ocketeer. 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 requirement 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 the person whose name is listed in the an uncement. The Naval Weapons Center is an Equal Opportunity Employer.

Announcement No. C-64-05, Electronics Technician, DT 856-2/3, PAC No. 8364527N19, Code 64242 - This position is located in the Engineering Support Section, Telemetry Systems Branch, Telemetry/Test Engineering Division of the Aerosystems Department. The incumbent will be responsible for assisting in the design and development of netry systems and associated instrumentation His/her responsibilities will include fabrication of breadboard and prototype systems as well as testing to confirm design compliance. Job Relevant Criteria: Knowledge of common lab test equipment. To apply for this position contact Larry Harlan, NWC ext. 2621.

This position is located in the Personnel Service Division No. 1 of the Personnel Department. The incumbent provides personnel management advisory services in functional areas of classification, employment, and employee relations to assigned segment of the NWC organization. Duties include analysis, evaluation and classification of positions; solution of personnel problems nvolving individual personnel actions in the areas of qualifications, employee development, performance, behavior; other areas of personnel administration. Job Relevant Criteria: Knowledge of employment and staffing regulations and procedures. Skill in job grading and position classification. Knowledge of concepts, regulations and practices in other functional areas of personnel management. Ability to independently analyze and resolve problems. Ability to communicate effectively both orally and in writing. Ability to meet and deal effectively with all levels of personnel. Promotional potential to DP-3.

Announcement No. C-62-12, Model Maker (Machining) Leader, WL-4714-14, JD No. 665N, Code 62222 - This osition is located in the Engineering Section of the Track Operations Branch (SNORT), Range Operations Division, Range Department. Incumbent is a working leader who leads several employees in accomplishment of work assigned by the section head. In addition the incumbent is uired to perform the duties of a Model Maker (Machinist) which include machining, fitting, assembling, nstalling, testing, and modifying complete structural and mechanical prototypes of experimental and developmental odels of track test vehicles, camera components, elec- \mbox{trical} and electronic components, ordnance test items, and other related models or devices required in the track testing field. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to do the theoretical, precise and/or artistic work of a trade; knowledge of pertinent metals; ability to interpret blueprints and understand dimensions, shape, material, finish etc.; knowledge of the physical and functional characteristics of equipment and components as well as ols of the trade; ability to use measuring devices for determining where to cut, how to fit, how to make material,

incement No. 31-106, Electronics Technician, DT-856-1/2, PAC No. 8331548, Code 3143 (2 Vacancies) - This position is located in the Aircraft Systems Engineering Branch, Avionics Division of the Aircraft Weapons In tegration Department. The incumbent provides electronic technician support to the A-6, A-7, and F/A-18 Weapon System Support Activities. Duties include: maintenance of project test data for reduction and distribution; design, fabricate, integrate and check-out project avionics to ensure proper operation; conduct aircraft system checkout prior to each test flight; schedule and conduct project aircraft ground tests; and perform special tests as equired. Work will be accomplished from blueprints. drawings, sketches, written and verbal instructions. Job Relevant Criteria: Knowledge and understanding of aircraft systems; ability to read blueprints and engineering drawings; knowledge of time code generators, video and data recorders; ability to work independently as well as part of a team; ability to work well under pressure and adjust to organizational, program, and procedural changes; ability to build, test, and troubleshoot electronic ubassembilies; ability to communicate effectively orally and in writing. Promotion potential to DT-3.

Announcement No. 35-137, Interdisciplinary Position; Physicist, Mechanical Engineer, Aerospace Engineer, DP-1310/830/861-3 PAC No. 8335560, Code 3514 - This position is located in the Systems Analysis Branch, Systems Sciences Division, of the Electronic Warfare Department. The incumbent is responsible for the system analysis studies. mathematical modeling and simulation development of surface to air missile simulations in support of testing requirements for EWTES. The incumbent may also be responsible for planning the modeling efforts and for technical directions of other branch staff members involved in this work area. Regular contact with supervisor and sponsors is required. Job Relevant Criteria: Demonstrated ability to analyze and thoroughly understand the complex nature of detailed digital missile flight simulation; knowledge of missile aerodynamics, stability, control and autopilot design is required; ability to communicate both orally and in writing; ability to ef-

Boys and girls of the Burroughs High sufficient number of points to garner second Tim Bouse and Matt Stromberg. Their winning time was 2:00.02.

Other BHS standouts from the boys' froshsoph team in the meet at West Covina were Scott Swinford, Chris Dunker, Sean Johnson and Arun Jain, participants in the 400 vd. freestyle relay race, who placed third in the time of 4:00.08.

In addition, Stromberg garnered fourth place in both the 50- and 100-yd. freestyle races: and Johnson placed fifth and sixth, respectively, in the 100 yd. backstroke, and 50 yd. freestyle races.

Highlight of the performance by the froshsoph girls' swim team was the new meet record of 1 min., 56.75 sec. set by the 200 yd. freestyle relay team of Wendy Burge, Elaine Lowham, Barbara Archuleta and Katie Kapernick.

Each of these girls also did well individually in other events at West Covina.

Archuleta placed second in both the 100 yd. freestyle and 200 yd. individual medley races; Lowham was second in the 50 yd. butterfly stroke race and fourth in the 100 yd. individual medley race; and Burge placed fourth and fifth in the 100 yd. freestyle and 50 yd. backstroke races.

Energy conservation tip

Limit your shower time and check the water flow if you want to save money. A shower with flow of 4 gallons/minute uses only 20 gals in 5 minutes. You will save about 5 gals of hot water every time you shower in place of a bath.

fectively work with various organizational levels at NW

and with contractor personnel uncement No. 26-365, Engineering Technician, DT-802-2, PAC No. 8326036, Code 2633 - This position is located in the Specifications Branch, Engineering Division, Public Works Department. The incumbent will be responsible for preparing complete specifications for informal contracts and small purchase construction and maintenance service contracts, conducting engineering field investigations and preparing sketches as necessary to enlarge on the contract specifications, preparing cost estimates for informal and small purchase contracts, assisting the Construction Division (Code 262) and the Facilities Support contract Division (Code 268) during the accomplishment of informal and small purchase contracts, and investigating the latest state-of-the-art on materials, equipment, applications and other matters relating to construction and maintenance. Job Relevant Criteria: Demonstrated ability to prepare specifications for informal, small purchase construction, and maintenance service contracts; ability to conduct field nvestigations and prepare sketches to enlarge on contract specifications; and ability to prepare cost estimates for nformal and small purchase contracts.

ouncement No. 3619, Supervisory General/Elec tronics/Industrial Engineer/Supervisory Quality Assurance Specialist, DP-801/855/896/1910-3, PAC No. 8336604E, Code 3681 — This position is that of Head, Program Support Section, Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent is responsible to the head, Soldering Technology Branch, for providing soldering technology expertise on programs supported within the section. The incumbent will apply and implement quality assurance quality control techniques and principles to ensure that supplies and services delivered to the government meet quality, quantity, and reliability requirements. Typical efforts will include maintaining a balance between the workload, personnel and facilities to ensure efficient tilization of all resources. Job Relevant Criteria: Ability to supervise a section containing employees with various backgrounds and disciplines; ability to communicate orally and in writing; knowledge of procedures, standards and instructions applicable to government soldering programs; ability to interpret and apply contract and engineering specifications, regulations, policy statements and other guidelines as they relate to soldering tech knowledge of, and willingness to support Federal EEO policies and goals. Extensive travel may be required.

Announcement No. 135 Interdisciplinary Electronics Engineer/Physicist, DP-855/1310-2/3, PAC No. 833553E23, Code 3522 - This position is located in the Advanced Technology Branch, RF Development Division, Electronic Warfare Department. Incumbent will be responsible for the Advanced Anti, Radiation Missile (AARM) Seeker. This effort requires extensive interface with RF, video, and digital electronics engineers throughout the development, integration and testing of the receiver processor and the entire AARM Seeker. An excellent learning experience is available here since the present AARM IF receiverprocessor will be a copy of the existing Anti-Radiation Projectile (ARP) receiver processor. Experienced personnel are available in Code 352 to help the incumbent develop this receiver-processor. The receiver-processor consists of an IF section, log video section, and digital section which utilizes real time operational software for the Motorola 68000 microprocessor. Participation in bench, anechoic chamber, field and flight tests will also be necessary as the program develops. Due to the continuously expanding threat environment, design, development and evaluation of receiver-processors which can address this future threat are always in demand; and therefore experience obtained on this program will be fully utilized in follow-on ARH programs in Code 352. The opportunity to learn the entire ARH Seeker is also available if system engineering is of interest to the incumbent in the future. The incumbent must have the desire to learn PASCAL, FORTRAN, assembly language, signal processing, software electronics control interfacing and real-time programming. He/she must also be willing to learn about ARH receivers. Job Relevant Criteria: Ability to work well with others - be a member of a seeker team; knowledge of RF, expecially receivers; knowledge of digital electronics, both hardware and software.

Page Seven

Page Six



Recreation roundup Part of Inyokern Road closed off during ball games

With another youth baseball season now underway, motorists are reminded that the section of Inyokern Road between South Dibb and Richmond Roads is closed off by barricades on weekdays from 5 until 10 p.m.

This is done because of the baseball fields (both Pony League and Little League) that are located adjacent to Inyokern Road, and the possibility of foul balls being hit over the fence and into the street.

Not only do balls flying out into the street pose a potential hazard for passing vehicles, but children chasing such balls also could be endangered by motorized traffic along this section of Inyokern Road during Little League and Pony League baseball games.

SWIM CLASS FOR TINY TOTS Tiny tots will have the chance to learn to swim in a class that will be held on Tuesdays beginning April 26 and continuing through May 31.

The class, which will be divided into two age groups, is being taught by Adrienne Swinford. Children four- to 18-months of age will receive instruction from 9 to 9:30 a.m., and those between 18 months and three years from 9:30 to 10 a.m.

Fee for the class is \$9 per child. Registration is now being accepted in the gymnasium office Monday through Friday from 8 a.m. to 4:30 p.m. For more information, telephone NWC ext. 2334.

KARATE INSTRUCTION OFFERED

A karate class has been scheduled May 3 through 26 by the Recreational Services Department. The class will meet Tuesdays and Thursdays from 5:30 to 7 p.m. in the gym annex.

Jerry Franck is the class instructor, and there is a \$12 fee. Registration is being through Friday from 8 a.m. to 4:30 p.m.

DANCE EXERCISE CLASS A dance exercise class will be offered

three days a week from May 3 to May 26. Joan Renner, of Joan's Classy Chassis, will be teaching the class on Tuesdays, Wednesdays, and Thursdays from 11:30 a.m. to 12:15 p.m. in the gym annex. Cost of the course is \$24.

baseball team, which dropped its fourth the top of the seventh with the Cowboys straight Golden League tilt last Friday resting on a comfortable lead of 11-0. Truitt afternoon by a score of 11-2 to the Canyon Cowboys.

The visitors from Canyon country demonstrated why they were undefeated in league play coming into last Friday's game here.

The Cowboys fielded a solid ball club that showed it could hit the ball, play tough defense (except for two errors by reserves in the last of the seventh when the game was in the bag), and also got a fine performance on the mound from their southpaw ace John Dodd, who gave up just two hits.

Once again, lack of pitching was the Achilles' heel for the Ridgecrest team. Kevin Blecha, whose real forte is playing the infield and wielding a strong bat, started on the mound for Burroughs.

Blecha was relieved by Steve Vie in the

retired the Canyon team (now mostly reserve players) before any more runs could be scored.

League-leading Canyon team cruises past Burros

The Cowboys broke the scoring ice in the second inning, when a single by Keith Knox moved Dodd (on base via a walk) to third base. Dodd then scored on a bunt that was laid down by Tim Morrison, who was thrown out at first base.

Big inning for the visitors from Canyon Country was the fourth during which they scored 5 runs - 3 of them on walks when the bases were loaded

Back to back singles by Dodd and Knox were followed by an infield hit by Morrison, who beat out a long throw from third to first to load the bases. Dodd was cut down at home plate, however, while trying to score



FOCUS OF ATTENTION — Players for the Canyon Cowboys watch from the dugout as Dan Allen, catcher for the Burroughs High varsity baseball team, goes after a soaring foul tip. The batter for Canyon (No. 17) is Keith Knox, the Cowboys' third baseman. The league-leading visitors from Canyon Country handed a 11-2 defeat to the Burros.

Wolves edge Spurs in Jr. High Div. soccer tilt

Junior high soccer players put on a good headed into the net. Rindt's third goal was show last Saturday with games at Kelly accepted in the gymnasium office Monday Field on the Murray School campus that ended in a 3-1 win by the Wolves over the Spurs, while the Gunners and Villains battled to a 1-1 tie.

> Craig Rindt scored all three goals for the Okamoto, Rindt tallied the first goal of the assisted by Troy Perrins. contest. The Wolves also scored on a corner

tallied on a penalty kick. Two second half goals - one by each team

- resulted in a 1-1 tie in the Gunners vs. Villains contest. The single tally for the Gunners was the result of a goal scored by Paul Lelis, assisted by Bryan Jones, while Wolves in their game with the Spurs. Aided Jamie Bumgardner countered it with a goal by assists from Bobby Hudson and Jason that he chalked up for the Villains -

In Division 5-6 of the Youth Soccer kick off the toe of David Lowham that Rindt League, results of last Saturday's games were Kicks 3, Sounders 1; Rogues 3, Roughnecks 0; and Diplomats 5, Surf 0. In one other scheduled game, the Tornados (who had only five players) lost by forfeit to the Whitecaps. With the help of walk-ons, however, the two teams did get in a scrimmage that was won 3-1 by the Whitecaps.

Despite lacking two players to make up a regulation team, the Kicks had the teamwork necessary to win their game over the Sounders. One goal by Todd Henderson and two by Marc Frisbee accounted for the scoring by the Kicks, with assists on scoring plays being credited to Dean Waldron (2) and Marc Frisbee (1). The single goal for the Sounders was scored by Aaron Dillshaw, assisted by Craig Hata.

Excellent passing and position playing contributed to the 3-0 win posted by the Rogues over the Roughnecks. The victors were led on offense by Mike Swor, who scored two goals, and Tim Pogge, who had

Although playing short handed, as did their opponents, the Surf, the Diplomats romped to a 5-0 win last Saturday. Will Freeman scored two goals and assisted on three others for the Diplomats, while Matt Ziegler and Greg Johnson scored one goal each in their team's shutout win over the Surf

Although the game goes officially into the

The home field proved to be no advantage fourth inning after walking in two runs, and on a ground ball off the bat of Sean Scully, to the Burroughs High School varsity Jon Truitt was put into the game to pitch in the Cowboys' lead-off batter. That was the second out of the inning and there was still some hope that the Burros might weather the storm

That hope evaporated in the wake of walks to the next two Canyon batters. Vie, sent in to relieve Blecha as the pitcher for Burroughs, walked in one more run and was

A Burroughs High School varsity baseball game, scheduled Tuesday afternoon at Saugus High School, was postponed because of weather conditions.

Enough rain fell in the Saugus area on Monday to wipe out the chances for playing Tuesday's game as planned. The contest has not yet been rescheduled. Earlier in the season, the Burros posted their only Golden League win, 2-0, at the expense of the Centurions.

then tagged for a single by Cy Snyder, whose hit drove in two runs and increased the Cowboys' lead to 6-0.

The visitors from Canyon increased their ead to 8 zip in the fifth inning and added three more runs as they enjoyed 11-0 advantage before the Burros tallied their only runs of the game in the last half of the seventh inning.

Trailing 11-0 in their last time at bat, the Burros scored twice to avert a shutout. After a pop out by lead-off batter, Tim Lewis was safe on an error by the Canyon first baseman, and Cooper drove a ground ball to third base. The defender tried, but failed, to force Lewis out at second

Mark Kaupp then punched a short fly ball to center field to load the bases for Burroughs with just one out. Dodd took things into his own hands by striking out the next batter, but an error by the Canyon shortstop, who couldn't handle a ball hit by Blecha, allowed Lewis to score from third and Dan Allen, BHS catcher, drew a walk that forced Cooper in with the only other run of the game for Burroughs.

Mike Braithwaite, a pinch hitter, was out on a ground ball hit to the Canyon second baseman to end the game.

record book as a 1-0 forfeit win by the Whitecaps over the Tornadoes, Mike Rindt scored twice and Seth LaBorde once for the Whitecaps in the scrimmage that was held to give both teams additional playing experience.

Highlight of the games played in Division 3-4 of the Youth Soccer League was the Aztecs' 2-1 win over the Atoms. Ronnie Mover and Michael Malone handled the goal-scoring for the Aztecs, who edged the Atoms despite having fewer players than their opponents. A goal by James Jackson gave the Atoms a 1-0 lead, but the Aztecs dominated the second half and won the game. Several saves by Fletcher Nelson, goalie for the Atoms, prevented additional scoring by the Aztecs.

Scores of other games played in Division (Continued on Page 7)

Women's slow pitch softball teams vie tomorrow in tourney

A slow pitch softball tournament, for military women's teams, will take place tomorrow on Knox Road softball fields No. 1 and 2.

The China Lake team, coached by HM2 Harold Parker, will compete in this preseason event against opposing squads from Fort Irwin, and Edwards, March and Norton Air Force Bases.

This double-elimination event will begin at 11 a.m., and the championship contest is scheduled at 5 p.m.

In the opening round of tournament play, it will be NWC vs. Norton AFB, and Fort Irwin vs. Edwards AFB.

There are no trophies or awards at stake in this tournament, which is being staged for the purpose of providing additional playing experience for the teams that will be participating.



LITTLE LEAGUE SEASON LAUNCHED - Capt. Scotty Vaught, NWC Chief Staff Officer, pitched the first ball to mark the opening of the China Lake Little League's 1983 season on Monday night. Pitchers for the two teams, standing by waiting to take their turn on the mound when the season opener got underway, are Robert Whitaker (at left) of the Red Sox, and Brian Gustavson, the Tigers' hurler, who is hidden by Capt. Vaught's arm. Coaches and players of both Minor and Major Division teams were introduced as a prelude to the first Major Division game of the season, which was won 14-5 by the Tigers over the Red Sox. - Photo by PHAN Greg Hogan

April 22, 1983

ROCKETEER

Page Three

The Skipper sez



All China Lakers, including military personnel, civilian employees, and 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 state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-ofcommand channels

QUESTION

Civilian employee - I am calling from Echo Range. Due to the weather conditions this morning (Feb. 3), the base saw fit to open up the range and so we came out to work. We have already had one injury due to a vehicle being rolled off the roadway.

I think something should be done for the people who work on the range to see if weather conditions are suitable for the range to be opened along with the rest of the base. No one should say everything is open without taking in consideration the weather conditions out here. I think this should be looked into.

ANSWER

NWC does not have any local written instructions or procedures on this subject because there are an infinite number of weather circumstances that might exist and the decision to close down the Center or part of it is entirely judgemental. That decision rests with the Commander. Of course, as in all matters, I get lots of advice and counsel prior to making a decision.

In this case the advice comes personally from the Head of Safety. The PAO also plays an important role in publicizing decisions in a timely manner. If circumstances dictate, it is also within my authority to grant administrative leave.

In the case you cite, the decision was made to curtail work at Echo. It obviously wasn't made soon enough to suit you, but that's the breaks of the game. If your judgement tells you that it is unsafe to go to work, I'd suggest you make your own decision and go on leave.

P.S. The accident you mention was attributed to driving too fast for weather and road conditions. The estimated speed was between 40 mph and 50 mph.

QUESTION

Military dependent - Today I received a memorandum telling me to cut my front yard. I got it at 2:30 in the afternoon and they expect me to have it done by tomorrow, or they will charge me \$35 to have it done. I think that something should be done about this. We have tried four different times in the last two weeks to borrow a lawn mower from the Housing Division, and we can't get one. I think you should start fining the people who keep the lawn mowers out longer.

or come up with a better system. Thank you.

ANSWER

Our Housing Division-furnished lawn mowers are heavily used and we try to control their out time. Unfortunately, the demand exceeds the supply. Apparently, according to your line of thinking, that fact removes your responsibility to cut your lawn. It doesn't

We at the Naval Weapons Center do not owe you a lawnmower. If you find it inconvenient to use ours on a sharing basis, then I suggest you make your own arrangements. In any case, leaving your lawn uncut is not an option, as that is not fair to your neighbors.

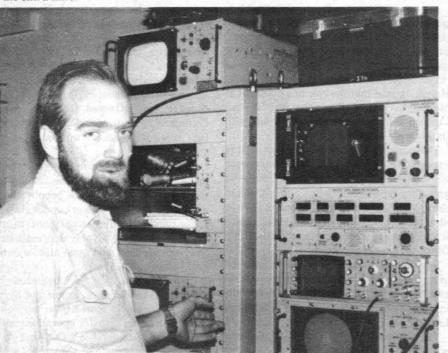
QUESTION

Military - I would like to know why the speed limit in between the base and airfield is only 45 mph? 55 mph saves more gas. It only gives the law another reason to stop those of us that would rather go 55 mph. Thank you.

ANSWER

The speed limit is 45 mph because that is considered a safe speed for that road. I don't agree that 55 mph saves more gas than 45 mph. The law is here on China Lake to protect law abiders and to stop law breakers and they are doing a great job of it, so if you would "rather" go 55 mph, stand by to be arrested.

Incidentally, my calculations indicate that it takes only 27 seconds more to travel that stretch at 45 mph than it would at 55 mph, so why not relax and enjoy the extra time.



TOP PERFORMANCE RECOGNIZED - AQ2 Henry D. Lemons, night check supervisor for the integrated weapons team, has been selected as Air Test and Evaluation Squadron Five's Sailor of the Quarter for the first three months of this year. Petty Officer Lemons, seen with an array of equipment that is used to play back video tapes shot from A-6 aircraft during flights, now becomes eligible for the Indian Wells Valley Council of the Navy League's Bluejacket of the Year competition. He also will receive the use of a Hertz rental car for a weekend plus \$25 for gasoline from the Ridgecrest Chamber of Commerce, a \$25 gift certificate from a Ridgecrest merchant who belongs to the CofC, and a dinner for two at a local restaurant. - Photo by PHAN Kelly Downes



NOTABLE ACCOMPLISHMENT - Insignia denoting that they are now Enlisted Aviation Warfare Specialists were presented recently by Capt. Virgil F. Jackson, Jr., Executive Officer of VX-5, to (I.-r.) AZ1 Arnold R. Kessenger, Sr., and AD1 John T. Ross, both of whom are assigned to the squadron's Quality Assurance Shop.

Two VX-5 petty officers qualify as Aviation Warfare Specialists

During a ceremony held recently by Air and are anxiously awaiting the arrival of Test and Evaluation Squadron Five (VX-5), announcement was made that Aviation Machinist's Mate First Class John T. Ross and Aviation Maintenance Administrationman First Class Arnold R. Kessenger, Sr., are designated and fully qualified Enlisted Aviation Warfare specialists.

Capt. Paul F. Hollandsworth, Commanding Officer of VX-5, noted with pleasure the two sailors' accomplishments in the demanding aviation environment, and recognized their efforts in attaining this designation.

To qualify for this rating, a petty officer must have received a series of evaluations of 3.6 or higher, must have had 24 months of at-sea duty, must have met or exceeded 256 personal qualification standards, and must have passed a Board of Review.

In addition, the petty officer must also be able to perform in other jobs besides the one in which that individual is normally assigned.

AD1 Ross, a veteran of 12 years in the Navy, and currently Leading Petty Officer of the VX-5 Quality Assurance (QA) Shop, has completed nine months of his tour of duty here.

The career-oriented sailor enjoys marksmanship competition and is presently a member of the NWC rifle team.

Hailing from Greenwood, S.C., he and his wife, Dianne, are the parents of Rachel, 3,

their second child.

A native of Owensborough, Ky., AZ1 Kessenger presently works as VX-5's data analyst located in the QA shop.

His favorite pastimes include taking time to go fishing, that is, if he's not working on his car.

A veteran of six years in the Navy, he and his wife, Ruby, are the proud parents of four children, Arnold, Jr., 6, Pansy, 4, Kenneth, 3, and one year old Dustin

- by PHAN Greg Hogan

Computer use . . .

(Continued from Page 1) Angeles, the same university from which he received a bachelor's degree in mathematics. He also holds a master's degree in mathematics from Utah State University.

Giegerich says that the task teams that were constituted earlier will continue to function, and that "with all the tasks that need to be accomplished and the small size of Code 01A6 staff, the only way that we'll be able to carry out our mandated functions will be to utilize the talents of people scattered throughout the Center. Fortunately, the Center is very rich with talented and helpful people.

(This is the first article in a series about the Office of the Director of Computing Applications and the Center's ADP community.)

Workshops, luncheon planned in observance of Secretary's Day

The Center's secretaries and clerical support personnel will receive some of the recognition due this essential group of employees next Wednesday, April 27, during the annual celebration leading to the announcement of the winners of Secretary of the Year, Department Secretary of the Year, and Clerical Support Person of the Year awards.

Other highlights of the day include the luncheon at which the announcement will be made; a talk by Karen Altieri, head of the Employment Wage and Classification Division of the Personnel Department; two workshops conducted by LaNelle Thompson; and a film festival.

Ms. Altieri wiil talk on "The Secretary: the Backbone of the Organization" at the luncheon, which will be held in the Enlisted Mess at 11:30 a.m. Luncheon reservations closed early because all 200 seats were spoken for more than a week ago.

Following Ms. Altieri's talk, the nominees for the awards will be introduced, and the winners announced.

Preregistration was also required for the

other event of the day, however. The film festival is open to all interested persons who wish to attend.

The films that will be shown in the Management Center at Michelson Laboratory at 9 a.m. and 2 p.m. include "Everyone's a Negotiator," which lasts about an hour; "Time to Think," 20 minutes; and "Goal Setting for Fun, Health, and Profit," 20 minutes.

Nominees for the three awards that will be presented include Lillian R. Adams, Nancy G. Anderson, Earleen F. (Dutch) Ayers, Lahoma Boyd, Eloise M. Burklund, Jean Butler, Patty Caraker, Shelley Crabtree, Cynthia E. Cram, Eunice D. Crookshanks, Dorothy Dandurand, Mary Jane Driggs, Wanda Fifer, and Marilyn F. (Sue) Fitzwater.

Others nominated are Elaine Griffths, Jill Hamblen, Jo Ann Hams, Laura N. Hinzo, Dorothy E. Johnson, Bernadette Namauleg, Janice Schorr, Catherine Segler, Kris Smith, Dorothy Tidwell, YN3 Barbara Tipton, Cheryl Wall, Kathy J. Watson, and Margaret H. White.

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GRADUATION CEREMONY - AD1 Glenn Godbey (far left), PR2 D. M. Munoz, FTM2 P. A. Maddox, PR2 P. E. Carey, and AMH2 NWC's military EEO coordinator, and Capt. Lahr (far right), ap. T. L. Boden. In the back row are (I.-r.) AME1 D. F. Curdy, ABH1 pear with personnel who have just completed training to become. Warren Shannon, ADC R. G. Gerber, AQC T. G. Nixon, and ATCS B. China Lake's Command Training Team. Left to right, they are (front N. Keen. CTT members conduct workshops for enlisted personnel row) YN3 M. D. Robledo, PN2 K. M. Schroeder, AQ2 C. A. Beadle, rated at E-4 and below

- Photo by PH1 Benita Tetreault

Command Training Team formed at China Lake

Squadron Five, and the Personnel Support meet those objectives. Activity Detachment completed a week-(CTT).

Their training was conducted by Cdr. J. Resources Management Team from the Naval Material Command, whose expertise lies in the field of human relations.

indoctrination in how to teach three workshops that will be mandatory for all China Lake enlisted personnel rated E-4 and below.

These workshops are "Military Rights pressions in the Navy," and "Women in the Navy." Sexual harrassment and other training courses will be implemented during future workshops for all military paygrades.

As well as learning how these workshops fit into the overall Command Equal Opportunity/Race Relations (EO/RR) im- be able to communicate up and down the plementation plan and gaining a knowledge chain of command as well as laterally. of their role in the implementation plan, Lateral communication with one's equals is

Bringing new focus to a dynamic Navy members of the CTT also had to show a Equal Employment Opportunity program, thorough knowledge of workshop objectives, problems 12 enlisted personnel from the Naval and demonstrate language and behavior Weapons Center, Air Test and Evaluation that will increase participants' abilities to

CTT members must also demonstrate long training program on April 15 and now that they can give an effective lecture and constitute the Command Training Team can keep a group's attention focused on a subject

In addition to these skills, CTT members R. Juerling and MS2 M. D. Drake, a Human must have a working knowledge of Navy Regulations, the Uniform Code of Military Justice, Equal Opportunity Manual, Command's Affirmative Action Plan, and A large portion of the training consisted of other pertinent Equal Opportunity documents

AD1 Glenn Godbey, who is NWC's military EEO coordinator, notes with pride that all members of the CTT are volunteers who were carefully chosen for their ability and Responsibilities," "Cultural Ex- to communicate the Navy's EEO policies as needed and primarily are serving on their first enlistment

> "It's important," he says, "that young sailors become aware early that as their promotions and privileges grow, so do their responsibilities and accountability."

He stresses that the CTT members must

Soc. for Technical Information honors Film Projects Branch hd.

S. M. (Marty) Shelton, head of the for Humble Oil Co. (he has a bachelor's Technical Information Department's Film degree in physics from St. Mary's Projects Branch, has been named an Technical Information (STC).

Shelton joins a select group of technical communicators whose contributions in the field are so outstanding that at least twothirds of the board of directors of the international organization must concur on selection for the honor. No more than three percent of STC membership can hold that grade.

The NWC employee more than meets the criteria for selection. The Film Projects Branch has consistently won national and international awards for films made and produced at the Naval Weapons Center.

In the six years that STC has had an international audiovisual competition, Shelton has chaired the competition for the past five years, and was a member of the committee the first year.

His work as a communicator is not limited to the visual arts. He has presented formal papers at international technical communication conferences, writes a bimonthly column on audiovisual communications, and authors an average of two magazine articles per year.

Prior to joining the NWC workforce in 1969, Shelton had worked as a geophysicist captain.

University in San Antonio), had served as a Associate Fellow of the Society for combat photographer in Korea, and had served on active duty as a naval officer



S. M. (Marty) Shelton

after obtaining a master's degree in cinema from the University of Southern California. He has maintained his affiliation with the Navy by serving in the Naval Reserve as an intelligence officer. He holds the rank of usually a key in finding the solution to EO They also can play an enriching role as

adjunct members of the Human Relations Council, chaired by Cdr. G. F. Herbster. This group meets the second Tuesday of each month.

New CTT members are ADC R. G. Gerber, Code 61031; AQC T. G. Nixon, Code 2104; PR2 P. E. Carey, Code 61211; FTM2 P. A. Maddox, Code 39219; ATCS B. N. Keen. VX-5; AQ2 C. A. Beadle, VX-5; AME1 D. F. Curdy, Code 61211; ABH1 Warren Shannon, Code 6111; AMH2 T. L. Boden, Code 61211; PR2 D. M. Munoz, VX-5; PN2 K. M. Schroeder, PSD; and YN3 M. D. Robledo,

Inyo County official discusses planning in event of disaster

county

smoothly

Preparations for a volcanic eruption, for have been happening around the edge of the floods, and for earthquakes in Inyo County caldera. He gave special thanks to Rolly were discussed by Jim Angelo, that county's McNeill and RLee Peters, of the IWV disaster preparedness coordinator, at last Saturday's meeting of the Indian Wells Valley Emergency Services Volunteer Council

While a volcanic eruption could come tomorrow, next month, or not until the turn according to Angelo, is apt to be flooding as of the century, Angelo said, the danger of the massive snow pack now in the Sierra floods is very real, and so is that from earthquakes.

The possibility of volcanic activities has wet summer because such weather has been been a prime mover in disaster preparedness for Inyo and Mono Counties, according to Angelo, since this would be the most dramatic of any disasters likely to mittee of the disaster preparedness occur. After showing a film about Mount St. operation, also emphasized the need for Helens, he said that the volcanic potential at setting up procedures in advance of a noth led to the adoption of Plan disaster, and stressed that the Incident Caldera, which has been worked out with Command System provides the framework the State of California.

The same interagency cooperation that is expected to function if any eruption occurs will also be expected during the course of any other type of emergency. In addition to Operations Center must be people who are using all the governmental agencies in Inyo dedicated and who can work under stress. and Mono Counties, outside groups also would be called on for help, such as the State Office of Emergency Services.

The National Guard has also scouted the area, looking for goood staging points in case of a major volcanic eruption that might involve Bishop as well as the Mammoth Lakes area.

The two counties have agreed that they fully able to understand the kind of inwill use the Incident Command System teragency coordination needed to protect (developed originally for fire fighting but now adopted by a variety of agencies nationwide), not only for volcanic

emergencies, but for any type of disaster. Getting people in the area involved in disaster planning, said Angelo, was easy because of the notoriety that a potential volcanic eruption had brought about.

Helping to inspire disaster preparedness, he noted, have been the earthquakes that

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Salute to Armed Forces slated in **Bakersfield May 7**

A "Salute to the Armed Forces" Military Ball has been scheduled on Saturday, May 7. in Bakersfield's Civic Auditorium.

This special tribute to the military personnel of Kern County is being planned by the Greater Bakersfield Chamber of Commerce as a part of the observance of Armed Forces Month in May.

Invitations are being sent to military personnel at the Naval Weapons Center and at Edwards Air Force Base to attend this gala event, which is expected to attract more than 400 persons.

The Military Affairs Committee of the Greater Bakersfield CofC has arranged for a special package rate for active duty military personnel. The \$50-per-person charge will be reduced to \$75 per couple for military personnel. Included in this price are overnight accommodations at the Vagabond Hill House.

Guests will be treated to a presentation of colors by a U.S. Marine Corps color guard. They will be entertained by the U.S. Air Force Blue Eagles honor guard and dance until midnight to the tunes of a U.S. Navy Band

A U.S. Army chaplain will deliver the predinner invocation, and Frank Casey, president of the Bakersfield chamber, will introduce special guests from Kern County's military establishments

The social affair will feature a menu of stuffed artichokes, chateaubriand d'Elegance, zuccini frittata, lemon-dill rice pilaf, croissants, miniature napoleans, chocolate eclairs, fresh fruit tartlets and rhum babas.

Those interested in attending the ball may call the chamber office at (805) 327-4421. Reservations must be made by April 29.

quake preparedness classes in Inyo

The most imminent disaster to the north,

melts. He said that adding to the flood

danger is the possibility of an exceptionally

Ted Hilton, Inyo County Planning Director

who chairs the Public Information Com-

for many agencies working together

Hilton said that during an emergency,

The public information personnel must be

truthful, must give out only information that

has been verified, and must also be careful

Both he and Angelo suggested that

training in the Incident Command System

operation needs to start at the top so that

those who direct disaster operations will be

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life and property in an emergency.

not to cause undue alarm.

those who worked in the Emergency

predicted by long-range forecasters.

branch of the American Red Cross, for journeying north to teach Red Cross earth-

orders."

ways. festivals.

Department.

(RCC).

Since Code 32 is so far from the center of activity on the base, Carl Schaniel, the department head, wanted an exhibit recognizing the employees in his department who have received NWC awards. After much planning, Code 32 ended up with exhibits honoring the department's recipients of the L. T. E. Thompson, William B. McLean, Michelson Lab, Technical Director's, and Commander's Awards, along with other displays of projects in progress, and photos of those who have served as head of Code 32.

The newest, large-scale exhibit on Center that was managed, scheduled, and coordinated by Scallin is located at the Range Control Center Program Office. Larry Weeks, a past employee of NWC and a reemployed annuitant, assisted Scallin in developing this exhibit.

Each function of the RCC is portrayed in displays throughout the building. In addition, scenic photographs and two painted murals decorate the walls. "We've had only rave notices about this place since the work has been done," Larry Tsubakihara, head of the RCC Program Office, said.



(Continued from Page 1) the presentations development field as an -visual produ years ago, and has been in charge of the Laboratory Program Review for the past four years.

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ROCKETEER

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Exhibits used to tell story of Center in varied ways, places

The story of the Naval Weapons Center, Laboratory, parts of which have been upthe Navy's principal research, development, test and evaluation center for air warfare systems and missile weapon systems, is told to the public in a variety of

These range from unclassified movies that provide an overview of the Center's major programs and products to exhibits and displays, some of which are portable and can be transported to conferences to aid in the recruitment of engineers and scientists, or sent to community fairs or

Until his recent retirement, Gordon Scallin, special projects coordinator for the Technical Information Department (TID), was responsible for all exhibits on board the Center, and also for arranging off-Center displays as well.

This work begins with an idea that must be "sold" to the prospective client. Next, a drawing of the exhibit to proper specifications is made and the work to be done is scheduled, either through a contractor or through the Public Works

The exhibits that Scallin has been responsible for can be found throughout the Center. Two of the more recent ones are those at the Ordnance Systems Department (Code 32), and in the Range Control Center

Scallin was also responsible for the latest additions to the weapons exhibit located in the Maturango Museum, as well as the exhibit in the lobby of Michelson

Capt. Lahr pleased. . .

It's a team effort, Ms. Vitale emphasized, noting that before the Commander's Award was presented to her, letters of appreciation had been sent to employees in the Graphic ment Branch, the Visual Media Design Branch, and the Applied Photography Branch, in addition to workers in the China Lake branch office of the Navy Publication Often a region could be far more effected NWC Laboratory Program Review.

During the presentation of the Commander's Award to Ms. Vitale, Capt. Lahr spoke enthusiastically about the Technical Information Department and the caliber of work turned out by Code 34 employees. "TID is an organization that I've had a

close association with, as I use your services regularly. I've never once been disappointed," the Skipper stated. He complimented TID for having employees "who have the ability to react on short notice with

dated recently but which still "has work to be done," says Scallin.

According to Dick Johnsen, head of the Graphic Arts Division of TID, "Scallin has done an outstanding job in coordinating both the technical and nontechnical requirements of the exhibit program."

Scallin got his start in this line of work while he was in the military service. He quit high school to enlist in the Navy, and served on active duty from October 1944 to July 1946. He then finished high school, and received his Bachelor of Arts degree from California College of Arts and Crafts in Oakland

Scallin began working for the Air Force in 1951 at Amarillo Air Force Base in Texas, and remained there for 13 years. He was a section supervisor and art director of all base training publications at Amarillo prior to moving to China Lake in 1965, and has spent the past 18 years working for TID. For the last 21/2 years, he has been TID's special projects coordinator

Barbara DeVries, department secretary for Code 32, notes that Scallin is a very dedicated man, and keeps his promises. "He arranged his retirement around that no one would be left having to do it." she added

After 3312 years of Federal Service, Scallin retired on April 15, and is planning to travel around the United States with his wife Bobbie, before they settle down.

Las Vegas is the Scallins' choice of a place to retire. They like the climate, and the fact that it is a sports-oriented city. Scallin is an avid sports fan and enjoys the desert climate. "Las Vegas has everything that I think I want," he says.



for the Technical Information Department, views a temporary display located in the administration building of the Ordnance Systems Department. Such temporary displays feature projects in progress and can be updated or changed.

Household hot water heater apt completion of the work he had in progress so to waste both energy, dollars

The average household hot water heater can waste not only a lot of energy, but also a lot of energy dollars. This waste can be cut with some forethought and planning.

Most hot water heaters are set to temperatures of 120 to 150 degrees, but for most household needs a temperature setting of 105 degrees will be adequate. The 120-to-150 degree water is entirely too hot for most purposes and must be mixed with cold water to be used.

Big quake elsewhere in state can cause local area damage

When an earthquake occurs, most people total destruction. A M. M. IX in a populated magnitude?

While the magnitude, usually expressed by the Richter scale, indicates the amount of energy released by the earthquake, a more meaningful question for the average person might well be "How intense was it?"

Intensity - the amount of shaking that the ground does and the amount of resultant damage - relates directly to what people can feel and observe.

Two scales are commonly used to measure intensity: the I-XII Modified Mercalli, and the I-X Rossi-Forel. Both of these are scales in which there is a "straight line" increase from one step to the next in measurement, while the Richter scale is logarithmic (which means that a quake of M6.2 releases 32 times the energy of one of M5.2).

With the Modified Mercalli or the Rossi-Forel, seismologists can plot isoseismal lines showing how much of an area received the same degree of shaking as evidenced by damage observed. These isoseismals can be used to help establish building codes for an Arts Division, the Presentations Develop- area that are more meaningful than basing code restriction only on the magnitude of quakes that have actually occurred within that area.

and Printing Service, who published the by quakes occurring a hundred miles or more away than by the maximum likely quake within the area itself.

> While this part of the state was too sparsely settled at the time of the great (magnitude greater than 7.5) earthquake of 1857 near Fort Tejon on the southern part of the San Andreas fault for any meaningful data to have been gathered, the Indian Wells Valley was shaken badly during the 1872 Lone Pine quake.

On the Modified Mercalli scale, shaking in proached a IX to X rating - just short of

immediately ask "What was its area results in general panic, considerable damage to masonry structures designed to withstand earthquakes and great or catastrophic damage to other masonry structures, severe damage to wood frame Restrictions apply buildings, and breaking of underground pipes. (The only building in the IWV in 1872 lost two of its four walls.)

> The San Francisco quake of 1906 caused of military uniforms damage in all cities from Salinas, 100 miles south, to Eureka, 270 miles north of the bay area. It was also felt in the Indian Wells Valley with sufficient intensity (a IV to VI on the Rossi-Forel scale) to have caused cracking of ceilings, awakening of sleeping people, and minor damage

Many local residents remember feeling the Tehachapi quake of 1952. Circuit breakers here tripped, china and glassware fell from cupboards and were broken, some lamps and light fixtures shook loose, some power and water lines were broken, and a number of fire alarm boxes were touched

Two minor injuries were reported: one man bruised a toe when he ran into a closet in the dark (he was trying to run outside when the quake shook him awake), and the other man cut his nose when he ran into something in the dark.

Since there are a number of faults in California capable of producing a "great" quake - the northern and southern portions of the San Andreas, the Garlock, the Eastern Sierra, among others - all residents of the Golden State are wise to make earthquake preparations.

Standard minimal preparations include removing heavy objects from high shelves, storing water in case mains break, storing a few days worth of food and of medications in case roads are not passable, having a flashlight and battery radio, and taking first aid classes so that they can handle minor only broad guidance and not specific rudder the Indian Wells Valley would have apmedical emergencies for their families and their neighbors.

Only dishwashers require hotter water; these often have their own heating device to raise water temperatures to the 160 degrees required to dissolve detergents, remove food and dry dishes effectively. Even for a dishwasher, a water heater setting of 140 degrees should be adequate.

Water heaters lose energy by conduction and radiation from piping and from the heater itself to the surrounding area 24 hours per day.

Piping can be insulated to reduce this loss, and so can the tank. (If a household water heater is warm to the touch, it definitely needs insulation.

An insulating jacket, preferably about three inches thick, wrapped around the tank reduces the amount of heat loss from the tank. Insulating exposed piping where possible and practical will also pay for itself in energy saved by cutting heating loss.

when buying parts

The adult dependent of any military member on active duty who is going to be away from his or her duty station for more than 30 days may purchase L-1 uniforms or parts thereof from the Navy Exchange.

This may be done, however, only if the military man or woman sends a letter with that dependent saying that the purchased items are for use by that military member

The dependent must also present appropriate identification showing that he or she is a dependent of the military man or woman

An L-1 uniform is one that is military issue merchandise - items that are issued at boot camp. These items are easily identified in the Navy Exchange because they carry yellow price tags.

Police reports . . .

A white, male juvenile was arrested on Thursday of last week by China Lake police on suspicion of grand theft auto.

The young man (age 17) was arrested near the Murray Junior High School campus after police were notified of a car theft that had occurred in Ridgecrest, and subsequently spotted the missing vehicle.

The youth, who only recently was released from Camp Owens, where he had been placed following a previous arrest for grand theft auto, was turned over to the California Highway Patrol, the law enforcement agency that was working on this second car theft incident.