Page Eight

China Lake Nursery School moving to new location Mon.

The China Lake Nursery School is now moving to classroom buildings at the Ridgecrest United Methodist Church, located at 619 N. Norma St., and will begin its operations there on Monday morning.

The change in location, which had to be delayed two weeks in order to await the outcome of a public hearing on this matter before the Ridgecrest City Council, was begun during the long July 4th holiday weekend.

This move by the nursery school to Ridgecrest came about as the result of a decision that private organizations can no longer be housed on the Center. The school had the choice of either merging with the **Recreational Services Department's** Children's Center or moving to another building off Center.

According to Barbara Wicker, director of the school, "After 25 years of being a nonprofit organization, the board of directors did not want to merge with the Children's Center." This, she explained, is because the two organizations serve separate, distinct functions. The Children's Center offers a developmental program for military and Department of Defense employees; whereas the nursery school is also open to the entire community.

INSTRUCTION OFFERED

The nursery school offers a developmental instructional program for children between 21/2 and 10 years of age. Its purpose is to offer a "pre-school experience" for youngsters, who are taught the letters of the alphabet and numbers in preparation for entering kindergarten.

With the move to Ridgecrest, Mrs. Wicker does not feel that the nursery school will lose students. In fact, she added, "We already have two full classes for the fall."

Originally, the China Lake Nursery All welcome Sunday to learn School developed because of a need by military personnel for a nursery/preschool experience for their children.

The school also offers an "alternative to kindergarten, but whose parents want them p.m. in a school environment

remain the same in Ridgecrest. They are 7 the American Heart Association, the event a.m. to 5 p.m. Monday through Friday.

kindergarten" class for children who, for Day will take place on Sunday at the Sierra heart health, and emergency procedures in various reasons, may not be ready to enter Vista Shopping Center from 9:00 a.m. to 6:00

and C'Anne Martin.

Sponsored by the Shoe Box, Tri-County The hours of the nursery school will Ambulance, and the Kern County Chapter of will be a day-long exploration of proper

The Indian Wells Valley Heart Awareness heart care, sensible eating patterns for case the heart stops beating.

-Photo by Don Cornelius

Six classes in the Heart Association's "Heartsaver" cardiopulmonary resuscitation method will be taught throughout the day, with classes beginning at 9:00, 9:30 and 10:00 a.m. and at 1:00, 1:30, and 2:00 p.m. Space is limited to twelve in each class, and reservations should be made by calling the Shoe Box at 446-3712. Each class lasts for three hours.

Audrey Nelson from Audrey's Pantry in Ridgecrest will be demonstrating the preparation of recipes from the Heart Association list of good-for-your-heart dishes.

Blood pressure and pulse measurement will be provided by Tri-County Ambulance personnel and Explorer Scouts.

Volunteer builders

Help! Civic Light Opera Theatre Association (CLOTA) is in need of volunteers this weekend to help construct a metal building to be used for storage and set construction, and is seeking the help of ablebodied persons.

Ensign Kenneth Dorrell, commander of the local Seabee unit, has volunteered the assistance of the local Seabee unit in constructing the building on Inyo Road, just south of the Crest Drive-in.

continue performing for the community. Persons with experience in metal building construction are needed as well as 10- and 12-foot ladders and tools.

Work begins at 7 a.m. on Saturday and invited to attend!!

"PRIVATE BENJAMIN" Starring Goldie Hawn and Eileen Brennan (Comedy, rated R, 91 min.) SATURDAY JULY 11 "THE JAZZ SINGER" Starring Neil Diamond and Lucy Arnaz (Drama w / music, rated PG, 116 min.) UNDAY JULY 12 "AIRPLANE" Starring Robert Hayes and Julie Hagerty (Comedy, rated PG, 88 min.) JULY 13 ONDAY "INSIDE MOVES" Starring John Savage and David Morse (Drama, rated PG, 106 min.) UESDAY JULY 14 2 p.m. Matinee "HERBIE GOES BANANAS" Starring

MOVIES

FRIDAY

ALL AGES ADMITTED

ALL AGES ADMITTED

(R) RESTRICTED

ntor Adult Guardian

JULY 10

Cloris Leachman and Charles Martin-Smith (Comedy, rated G, 94 min.) JULY 15 WEDNESDAY "THE SHINING' Starring

Jack Nicholson and Shelley Duvall (Horror-drama, rated R, 120 min.) HURSDAY JULY16 2 p.m. Matinee

"UNIDENTIFIED FLYING ODDBALL" Starring Dennis Dugan and Jim Dale

(Comedy-fantasy, rated G, 93 min.)

Yummy! Ice Cream Social slated for hungry Centerites

Plans are now being made for the Protestant Women of the Chapel's annual ice cream social, which is to be held on July 21 from 6 to 8:30 p.m. on the east wing of the Chapel lawn.

Featured at the annual event will be homemade ice cream, cake, pie, coffee, and punch. Donations are \$1.25 for adults and 50 cents for children 11 years of age and younger.

Proceeds from the ice cream social will be used for various missionary projects supported by the All Faith Chapel's Protestant Congregation.

Tickets can be obtained in advance following Protestant Congregation services and in the Chapel office. They will also be on sale on the evening of July 21.

Arts representatives

urged to attend meeting

All local arts and arts-related organizations are urged to send representatives to the High Desert Council for the Arts organizational meeting on Monday, July 13, at 4:30 p.m. in the Sylvia Winslow Exhibit Gallery at the Maturango Museum.

More information about this newly established arts council can be obtained by calling the Maturango Museum of the Indian Wells Valley at 446-6900.

1981-No. 33

From:_ PLACE STAMP HERE To:



Busy this weekend?

Several events are scheduled around the local area for interested persons to partake in after the 4:30 whistle blows

"Bosses Night" is scheduled tonight at the Enlisted Mess from 5 to 7 p.m. where club members are encouraged to invite their bosses to the club for a special dinner of shrimp and steak for \$9.75. There will be free draft beer and hors d'ouvres for members and guests this evening. A disco, featuring the music of Lyle Gregory, will follow the dinner from 9 p.m. to needed to help set 1:30 a.m. Also scheduled at the Enlisted Mess tonight are comedian and two dancers. Tonight, from 8 to 10 o'clock, "moonlight bowling," offered through the Recreation Up new CLOTA bldg.

Coordination office, will be held at the bowling alley. During this type of bowling, all the lights in the bowling alley are turned out — only the bowling pins are illuminated. Moonlight bowling is planned every Friday night. For more information call Dean Ray at NWC ext. 3471.

Soccer fans are invited to watch a rousing game tomorrow morning when the China Lake adult soccer team tangles with the Bishop Merchants. The game begins at 9 a.m. and will be played at Davidove Field.

Tomorrow morning at 9 o'clock at Sgt. John Pinney Memorial Pool is the setting for the High Desert Lions Club swim meet. Approximately eight teams from Bishop, Tehachapi, Bakersfield and neighboring towns as well as the Indian Wells Valley swim team and the High Desert swim team will compete in this swim meet. Spectators are welcome to come and support their favorite team.

The Indian Wells Valley Heart Awareness Day will take place Sunday from 9 a.m. to 6 CLOTA needs this building to be able to p.m. at the Sierra Vista Shopping Center. Tri-County Ambulance and the Kern County Chapter of the American Heart Association will be exploring proper health care, sensible eating patterns for heart health, and emergency procedures in case the heart stops beating in a day-long presentation open to all interested persons. For more details, look at the Indian Wells Valley Heart Awareness Day story on this page.

Any organizations, clubs, teams, or departments with announcements about weekend Sunday and will continue until work is activities are urged to send a brief article to the Rocketeer office for publication in this completed. Members of CLOTA are calling column or to telephone the Rocketeer office, NWC ext. 3354. Articles must be submitted by this event a "work party" and everyone is Tuesday noon for publication in that week's newspaper.



PREPARING FOR A MOVE TO RIDGECREST - Students from the China Lake

Nursery School help their teacher, Melodie Meyers, pack bundles of the school's

belongings in preparation for a move to the United Methodist Church in

Ridgecrest. Pictured helping are (1.-r) Jennifer Crabtree, Garrett Katzenstein

heart care, life-saving techniques

July 10, 1981



Happy anniversary, VX-5 for 25 yrs here

July 11 will mark the 25th anniversary of Air Test and Evaluation Squadron Five's (VX-5's) move to what was then the Naval Ordnance Test Station and is now the Naval Weapons Center.

VX-5 moved to China Lake in 1956 to take advantage of the vastly improved ranges and instrumentation facilities available at this installation after being commissioned in June 1956 at NAS, Moffett Field, Calif. Presently under the direction of Capt. Paul F. Hollandsworth, Commanding Officer, the squadron is comprised of 244 enlisted personnel and 40 officers.

The squadron is not technically part of NWC. It is a tenant activity, administratively under the Commander, Light Attack Wing Pacific (COMLATWINGPAC), Lemoore Naval Air Station, Calif., and operationally under Commander Operational Test and Evaluation Force (COMOPTEVFOR), Norfold, Va.

Mission requirements of VX-5 include working on both HARM and Harpoon weapon systems; electronic warfare; tactics for all Fleet aircraft requirements, and project development. It also includes the writing and upkeep of tactical requirements for attack aircraft, helicopters, and the AV-8B Harrier, and operational evaluation of the F/A-18 Hornet.

VX-5 also works with NWC project engineers and is involved in conducting project operations with the Army and Air Force.

Presently nine different types of aircraft are housed in Hangar One. They are the C-1A Trader, the A-4M Skyhawk, the TA-4 Skyhawk, the A-6E Intruder, the A-7E Corsair II, the TA-7C Corsair II, the AJ-1J Cobra, the UH-1N Huey, and the newest additions to VX-5 aircraft - a pair of AV-8C Harriers

The F/A-18 Hornet is scheduled to arrive here at the squadron for operational evaluation by VX-5 personnel in April 1982. The aircraft are flown by 29 VX-5 pilots, three Marine Corps pilots who are working with the squadron, and Squadron Leader Mike Young, a Royal Air Force pilot who is temporarily assigned to VX-5.

Over the years, VX-5 has sent personnel from here to develop tactics for different types of aircraft. Presently, the squadron maintains a detachment at NAS Whidbey Island, Washington, conducting an evaluation of the Grumman EA-6B "Prowler" electronic warfare aircraft. In addition, detachments have been maintained at NAS Oceana, Virginia Beach, Va.; Naval Weapons Experimental Facility, Albuquerque, N.M.; and NAS Sanford, Florida.

Specifically, the squadron's mission is to conduct tests, evaluations, and investigations, in an operational environment, of aircraft, aircraft weapons systems, electronic warfare systems, support systems, equipment, and material, (Continued on Page 5)

Federal Women's Day Program - see Page 3



OUTSTANDING PERFORMER - Jimmie C. McCalester, latest of the Sidewinder AIM-9M missile mounted on a rate table. recipient of the Technical Director's Award, looks at a component

-Photo by Don Cornelius

McCalester, AIM-9M Technical Manager, wins TD award for outstanding effort

Jimmie C. McCalester was presented the Technical Director's Award at Monday morning's Commander's meeting in recognition of his outstanding performance as the Sidewinder AIM-9M Technical Manager. Sidewinder AIM-9M has recently been unconditionally released for production.

"Aim-9M is a significant product improvement to the AIM-9L. Although major and fundamental changes were made in the evolution from 9L to 9M, the development was completed in minimum time," said Bob Hillyer, NWC Technical Director, as he presented the award. "While its success is definitely a team effort, Jimmie was responsible for the innovative technical fixes that kept the program on track."

McCalester began working on the AIM-9L product improvement program, later designated the AIM-9M, in 1976, functioning as project engineer for various parts of the weapon system.

After an initially successful air firing program, a failure in a flight test in October 1979 uncovered a serious design deficiency. A number of solutions were suggested following analysis of the flight.

When McCalester became AIM-9M Technical Manager in January 1980, he coordinated, managed, and participated in the work of the simulation and electronics design groups to establish a new design that could meet packaging realities as well as design

McCalester organized the design inputs into a solution of the problem that had been uncovered in such a way that a minimum repackaging effort was needed by the contractor. The design change was validated with a successful air firing in April 1980, allowing operational testing to be completed without slipping the

program schedule. Testing of AIM-9M for both Air Force and Navy was completed by March 1981. Test results have shown that AIM-9M exceeds all design goals.

As soon as the Navy Operational Evaluation testing was completed in March, McCalester transferred to become the Guidance Technology Manager in the Air Weapon Technology Block Programming Office (Code 03T).

McCalester has worked for the Navy since completing a bachelor's degree in physics from UCLA in 1968, starting at the Naval Ship Missile Systems Engineering Station at Port Hueneme. On finishing an MSEE degree from the University of Southern California in 1972, he moved to NWC because he thought the work would be more challenging here.

"I'm very happy that I did move here," he says. "All my work here from when I first started in the Engineering Department to my current work in the Weapons Department has been very exciting."

Crime statistics show NWC safe place to live

the Center, however, is dropping, according Immings. He credits some of the drop to an with permission of the appropriate county to figures released by the China Lake Police increased awareness on the part of Center Division, despite the opening of the gate to residents that crime does occur on board, the main site and housing areas.

crimes as burglary, assault and thefts dropped from 147 during the first five 1 and May 31, 1981.

live and work on the Center this year as last, recreation areas, the already low crime and the same number of police are rate would drop still further. patrolling the streets.

and that they are now taking some Part I offenses - which include such precautions against burglary and theft that they had not taken previously

The police reports that each issue of the months of 1980 to 130 this year. Part II ROCKETEER has been carrying since late offenses and miscellaneous offenses last fall have been helpful in that regard, dropped from 147 in 1980 to 117 between Jan. Immings feels. If bicyclists would remember to lock their bicycles whenever About the same number of people both they ride to work or school or to the

China Lake police have California Peace Are people more honest? Probably not, Officer Authority on Naval Weapons Center

Crime nationwide is on the rise. Crime on according to China Lake Police Chief Bart lands. Under the California Penal Code and sheriff, they can enforce state and local laws and make arrests as well as act under the security and detention authority that they have to enforce federal laws.

> When the proposed annexation of the community area to Ridgecrest takes place, China Lake police personnel will exercise their authority with approval from the Ridgecrest Chief of Police while in the annexed area. Personnel of both departments already work closely together, with China Lake Police personnel being called on to back up Ridgecrest police when needed.

Page Two

ROCKETEER

July 10, 1981



LOSE A BIKE? China Lake Police Division Juvenile Officer T. A. McDermott stands in the impound area where bicycles that have been recovered by police personnel are kept until they are claimed by their owners. Some of these bikes have been unclaimed for nearly two years; all will be sent to salvage on July 20 unless their owners reclaim them promptly. Anyone who has lost a bike or had one stolen may check if it's in the impound area by stopping by the Police Station on Halsey Avenue between 7 a.m. and 5 p.m. daily. -Photo by Don Cornelius

Demo Project 'summer school' to train technicians, others

A massive Demonstration Project "summer school" begins again next week when training about the Civil Service Reform Act Demonstration Project will be given at the Training Center. Thirty-five sessions are scheduled to be held from July 16 to Aug. 26.

Class members this summer will primarily include technicians who will enter the Demonstration Project in August. New hires (such as Junior Professionals) in career paths already included in the Project are welcome to attend. Also welcome are supervisors of technicians who took the training with other groups but would like a refresher course

The training will describe how the Demo Project will impact raises and promotions, who makes the promotion and incentive pay all Center housing decisions, and what "pay for performance" really means.

Classes will consist of about 20 persons from the same department, taught by a representative from that department and either a Personal Management Advisor or another experienced trainer.

During the day-and-a-half long class, participants will learn how to use the system, their responsibilities and benefits, and what risks they may encounter

PAC (the new name for a position description - PD), and will learn how to write a performance plan for themselves. ticipated in the program. Pay changes will also be covered.

Technicians will be scheduled by their department coordinators listed below. Other employees wishing to attend should contact their department coordinators.

Coordinators, the departments they cover, and an NWC telephone number on the Fire Prevention Branch.

The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake, California

Captain W. B. Haff

NWC Commander

R.M. Hillver

Technical Director

S. G. Payne

Public Affairs Officer

Don R. Yockey

Mickey Strang

Associate Editor

Beverly Becksvoort

Editorial Assistant

Editor

which they can be reached include: Judy McVay, Codes 26, 08, 21, P.W. ext. 208; Dee Harrell, Codes 31, 01, NWC ext. 5300; Heide Sheiffer, Code 32, ext. 7365, 7200; Sandi Stephens, Code 33, ext. 3231; Rebecca Sorge, Code 34, ext. 2266; and Linda Grossman, Code 35, ext. 3820.

Also scheduling are Charlotte Bonner. Code 36, NWC ext. 2604, Kim Rickets, Code 38, ext. 2246; Sherrie Paulsen, Code 39, ext. 3220; Jo Richey, Codes 61, 06, ext. 5455; Sue Hucek, Code 62, ext. 6391; and Bill Huston, Code 64, ext. 3628.

NWC Fire Division completes check of

The June courtesy Housing Inspection Program conducted by the NWC Fire Division has been completed.

Very few fire hazards were found and reported by the inspection teams for corrections this year. This indicates a very positive attitude by Center residents toward the fire prevention program.

Fire Division personnel were not able to inspect all the homes on the Center because a great many of the residents were at work They will also prepare a draft of their own or not at home during the inspection hours. However, the Fire Division wishes to extend its appreciation to all those who par-

> Residents who were missed for any may call the Fire Prevention pointment to have their residences inspected. Any resident who does not have a smoke detector installed also should contact

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Perunnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional ortunities column does not preclude the use of alternate recruiting sources in filling these positions. The illing 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 expe raining, 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 supplement qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimin

uncement No. 092-SES-ANN-1, Assistant Technical Director for Plans and Head, Weapons Planning Group, ES-1515, PD No. DNES 0329E, Code 12 - This position is the Department Head for the Weapons Planning Group and is responsible for its overall management and supervision. The Weapons Planning Group critically reviews advanced science and technology developments with respect to future military needs. To accomplish this work the organization performs comprehensive studies and analyses to define future military application of new ologies. To apply: Submit a current Standard Form 171 to Code 092 and contact Lynne Ezell, Code 092, ext. 3371, for the supplemental qualification narrative required for this position. Deadline for filing for this position is 24 July

Announcement No. 092-SES-ANN-1, Assistant Technical Director for Development and Head, Aircraft Weapons Integration Department, ES-801 or ES-1310, PD No. DNES 0330E, Code 31 — This position is Department Head of the Aircraft Weapons Integration Department and provides leadership in the formulation and implem Center programs in both the technical and management areas. The position is responsible for management of all work performed in carrying out the successful development of various aircraft weapons integration, tactical software, avionics, targeting, aircraft sensors, and laser systems. To apply: Submit a current Standard Form 171 to Code 092 and contact Lynne Ezell, Code 092, ext. 3371, for the supplemental qualification narrative required for this position. Deadline for filing for this position is 24 July 1981. Announcement No. 092-SES-ANN-1, Assistant Technical Director for Fuzes and Sensors and Head, Fuze and Sensors Department, ES-801 or ES-1310, PD No. DNES 0327E, Code 33 — This position involves the overall management and supervision of the Fuze and Sensors Department, a or research and development organization performing and coordinating research, development, engineering, evaluation and analysis of fuze systems, and related sensing systems and analysis and simulation to determine uzing and warhead requirements to establish ordnance ffectiveness and to increase weapon system survivability To apply: Submit a current Standard Form 171 to Code 092 and contact Lynne Ezell, Code 092, ext. 3371 for the sup plemental qualification narrative required for this position Deadline for filing for this position is 24 July 1981 Announcement No. 3633 — Supervisory General/Mechanical/Electronics Engineer, Supervisory Engineering Technician, Supervisory Mathematician, Supervisory Quality Assurance Specialist, DP-801/830/855 3, DT-802-4, DP-1520-3, DA-1910-3, Pac No. 8136604E, Code 3687 — This position is that of Head, System Safety Branch, Product Assurance Division, Engineering Department. The incumbent is responsible to the Head, Product Assurance Division for providing system safety support for a wide range of complex weapon systems and related equipment developed or managed by the Naval Weapons Center. The branch serves as the Center's point of contact for system safety and is responsible for providing direct technical system safety support on assigned programs and has the responsibility for establishment, coordination and mplementation of Center System Safety Policies and procedures consistent with applicable Center, DoD, NAVMAT, and NAVAIR requirements and policies. The branch head is responsible for maintaining balance be ween the workload, personnel, and facilities to ensure efficient utilization of all resources. The incumbent is responsible for defining program safety requirements appropriately tailored to program objectives and must make technical decisions regarding pre- and post-contract award surveys, safety audits and reviews, implementation of DoD and Navy regulations, and implementation of all overnment Plant Representative Policies and Operating Procedures Job Relevant Criteria: Ability to supervise a branch, including support of EEO programs and obectives, containing employees with various background and disciplines; background knowledge of the system acquisition process and weapon sy cluding design, test and documentation; knowledge suf-Branch, NWC ext. 939-2146, for an ap- ficient to manage subordinates conducting detailed work in system safety; ability to communicate orally and in writing. cement No. B-61-1, Electronics Technician, GS Annos

856-7/8/9/10, PD No. 7961002N, Code 6123 - This position is located in the Special Projects Section of the Modification Branch, Aircraft Support Division, Aircraft Dent Major duties include the modification and fabrication of inntation systems for aircraft to be used in flight tests. Job Relevant Criteria: Knowledge of a variety of aircraft electronic equipment (airborne tape recorders, ideo tape recorders, digital data gathering systems digital/analog circuitry, timing systems, ground support playback systems; ability to produce practical solutions to design and operational problems of electronic equip ment/systems.

Veterans, please note

The Personnel Department has sent a memorandum to all veterans employed at NWC asking if they are clair a compensable service-connected disability of 30 percent or more. Certain provisions of the Civil Service Reform Act (CSRA) of 1978 provide for additional retention benefits for veterans with a compensable service-connected disability to 30 percent or more. In order to comply with these provisions of the CSRA, the Personnel Department is updating official personnel records to reflect this additional benefit for veterans.

Any veteran who has not received a copy of the memorandum and is claiming this benefit should contact the Employment Wage and Classification Division (Code 092), extension 3590 by 24 July 1981. Should you have any questions regarding entitlements as a veteran with a 30 percent compensable service connected disability, please contact your Department Personnel Management Advisor (PMA), extensions 2676 or 2371, or the Employment Wage and Classification Division (Code 092), ext 3590

Announcement No. 26-105, Mobile Equipment Operation Foreman, WS-5701-11, JD No. 8126004E, Code 26781 - This is Head of the Heavy Equipment Operations Section, Operations Branch, Transportation Division Public Works Department. The incumbent gives direct supervision to personnel who operate weight handling, rigging, heavy earth moving and construction equipmer and railroad equipment. The incumbent assigns crews to work at all ranges and areas on Center and plans and coordinates sequence of operations, necessary equipment and time for completion. Duties include interpretation of blueprints and instructions as required, and preparation of layouts and sketches. The incumbent resolves working problems and initiates corrective action to complete work on schedule. The incumbent determines personnel ent and material needed to complete jobs; inspects work in progress; and is responsible for the quantity and quality of work performed. Job Relevant Criteria: Ability to supervise; operation of motor vehicles; work practices; ability to interpret instructions, specifications, etc.; i terest in and potential to manage people problems (EEO). File Standard Form 171 and Supplemental Wage Grade Supervisory information sheet to be received not later July 24, 1981. Supplemental form may be picked up in the Personnel Building in Room 210 or at the reception desk

uncement No. 09-20KLC, Police Officer, GS-083-3/4, PD No. 7824034N, Code 2413. Temporary not to exceed one year. — The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) Police Officer positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will normally be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Registers, and individuals not on registers who have skills necessary to qualify for this ion. This position is located in the Patrol Branch of the Police Division, Safety and Security Department. The ent will perform basic law enforcement duties under the direction of a field training officer or a police supervisor. Routine cases, traffic control, traffic citation and investigation of NWC administrative violations may be handled independently. The incumbent must be available to work any one of three shifts.

cement No. 0912, Computer Programmer, GS-334-7, PD No. 8009006N, Code 0903 - This position is located in the Personnel Automated Data Systems Group of the Personnel Department. The incumbent is responsible for (1) preparing, running, and debugging new computer programs that will retrieve and summarize personnel information for use by center managers and (2) modifying existing computer programs so that the output formats will conform to new requirements. Job Relevant Criteria: Thorough knowledge of COBOL; working knowledge of data base language System 2000; working knowledge of the operating system of NWC's central computing facility, a

(Continued on Page 7)



DIVINE SERVICES

FROTESTANT	
Sunday Worship Service	1000
Sunday School - All Ages	0830
Sunday School Classes are held in Chap	el Annexes
1, 2, 4, (Dorms 5, 6, 8) located opposite	the former
Center Restaurant.	Charles Int
Communion Service first Sunday of t	he Month.
ECUMENICAL	
Wednesday Noon Bible Study	1130
Thursday Men's Prayer Breakfast	0630
ROMAN CATHOLIC	re rai on i
MASS	Marine V.
Sunday	0830-1130
Nursery, Chapel Annex 1	0815-1245
Daily except Saturday, 1135 Blessed	Sacrament
	Chapel
CONFESSIONS	-
Daily	1115 to 1130
Sunday	0800 to 0825
Sunday	1100 to 1125

Sunday RELIGIOUS EDUCATION CLASSES Pre school thru 11th grade 1000 Sunday Above classes are held in the Chapel Annexes across from the former Center Restaurant 12th grade 1630 Sunday afternoon "Home" Discussion Groups As announced and Youth Rallies

Contact Chaplain's Office for specifics JEWISH SERVICES EAST WING - ALL FAITH CHAPEL

Sabbath Services every Friday UNITARIANS

CHAPEL ANNEX 95 Sunday Services (Sept.-May) 1930



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. 3354,3355 Phones'

July 10, 1981

Police

reports . . .

A corpsman assigned to Air Test and Evaluation Squadron Five (VX-5) last week reported the theft of a camera that he had left inside a brief case in his office at Hangar One

The petty theft victim was gone from the office over the weekend, and returned to find that the camera had been stolen. Estimated value of the camera and film it contained was set at nearly \$43.

BICYCLE STOLEN

An employee parked his red 10-speed bicycle on the north side of the Public Works Department compound on Wednesday morning at about 11, but did not lock the bike into place. When he returned later that day, the bicycle was missing. It is valued at

DRIVER STOPPED

When China Lake police personnel stopped the driver of a pickup truck on July 4 because of material obstructing the driver's view (too many things hanging from his rear view mirror), they found more than they expected. As the driver opened his glove compartment to show his vehicle registration, a pill bottle with residue of marijuana popped out. A further search of the vehicle resulted in finding a cellophane wrapper containing a green leafy substance. The suspect was released on his written promise to appear in Kern Municipal Court on a specified date.

CERAMIC SHOP BURGLARIZED The Ceramics Shop was burglarized some time between June 30 and July 2. Unknown persons entered the building's supply sales room and took about 40 small jars of stain and glaze worth at least \$27. There was no sign of forced entry.

MOTORCYCLE TAKEN

A resident in the Capehart B housing area reported that someone took his 1979 Yamaha motorcycle from his driveway between 11 on the night of July 2 and 9 the following morning. Value of the motorcycle is \$2,800

Electric wagons to join minivans at NWC this summer

By the end of summer, eight more electric vehicles will join the five minivans already scooting around the Center.

The new electric vehicles will be 5passenger Ford Fairmont station wagons converted by Electric Vehicle Associates of Cleveland, Ohio. On-Center users will be billed for the cost of the charging station and for vehicle maintenance - a cost that is anticipated to be lower than for standard internal conbustion engine powered cars because the electric vehicles have considerably fewer parts to wear out or cause trouble

Some special driver training is required to handle the electric vehicles because of differences in the use of the clutch and shifting gears. A short time in trainer units in the PW Transportation Division, however, is enough to qualify any experienced driver to have the "electric vehicle" notation added to the regular government driver's license.

Each of the station wagons cost about \$17,000 (the minivans run approximately \$11,500 apiece); cost of purchasing the vehicles, however, is being borne by the Department of Energy since these are part of a study program to determine the usefulness to the government of electric vehicles.

NWC is lead Navy laboratory for the program. When the Center's Energy Program Office queried other facilities about their desires for electric vehicles. requests poured in. Of the approximately 800 vehicles requested, however, only 85 can be delivered because of cuts in Department of Energy funding. Currently 35 electric vehicles are in operation; 50 Ford Fairmont station wagons now on order will complete the program.



use the same type of dummy.

By Beth Payne

"I don't think you could find a better place to work than this base," says Jane Maurice, an electronics technician in the Test Support Branch of the Parachute System Department. "People from all different disciplines are willing to give you a hand - on the job acquaintances are there when you need them to help you." Jane enjoys her work in Code 64 where she provides the instrumentation, such as telemetry, for parachutes. She tests new systems for pilots by using anthropomorphic dummies to determine if the equipment is safe for pilots' use. These "dummies" are used to simulate human bodies and they are "supposed to be pretty close to humans." Automobile safety tests

Exciting and Challenging

A part of Jane's job involves mounting the telemetry package in a dummy's chest to test various parameters of the parachute system. Seat ejections with dummies also are performed. 'Exciting and challenging" is how she describes the learning experience that occurs when tests are being conducted.

Her prime consideration is safety dealing with humans. "What we're working on could someday save a pilot's life. You're saving people rather than trying to destroy them," she said.

Jane's office is located next to the morgue and, she says, there's always "an eerie feeling around." One night when employees were working late, there was a noise coming from the morgue. It turned out to be a bat flying inside the building. Jane has had other interesting experiences while on the job. One time while a dummy was being prepared for a test, it was delivered to Jane with a soft drink can in its hand and the dummy was sitting up. "It scared me because it looked like a real pilot," she explained.

Jane has been an electronics technician since 1976. Prior to working in the Parachute Systems Department, she worked as a technical writer in the Physics Division of the NWC Research

"What we're working on could someday save a pilot's life. You're saving people rather than trying to destroy them."

Jane Maurice



Jane started working as a secretary and got involved in the Upward Mobility program. Through this program Jane moved up really quickly. "Supervisors and co-workers were a big encouragement to me. They looked at all of the Upward Mobility positions and wanted me to find something using the electronics skills that I had."

While in school at Louisiana State University at Baton Rouge, Jane concentrated on mathematics. She received her Associate of Arts degree from Cerro Coso Community College. "I hope to someday complete studies for a Bachelor of Science degree, but I'm in no hurry. School is a nice break, but if the work you do is everything you need and want, school is not a necessity. I'll always be learning whether it's formal or not," Jane commented.

Jane is an active member of the Emblem Club of the Ridgecrest Elks Lodge, where her husband, Jerry, is a member. She is the recording secretary and does a lot of writing for the Elks Lodge newsletter. "Most of my free time goes into the Emblem Club - it gives me a hobby and it also helps out the organization."

Grew up in Desert

Having lived in the desert for practically all of her life, Jane enjoys the area and "enjoys gardening, landscaping and making things grow in the desert. It's such a thrill to plant something and a year later see the growth that has taken place." she stated.

What Jane likes best about her job is the versatility. "In some jobs all you can do is what you're assigned," she said. "By steadily improving various aspects of my job, I'm not locked into a routine." For Jane this is definitely a "plus."

Jane enjoys working here at the Center, and she feels "that with as much versatility as there is on this base there is still a common bond - a mission - which keeps the people together. There is a sense of pride about the mission we fulfill here."

Happenings around NWC

9:30 for the rest of the summer will be "Kids wearing the best costume. Night Out" for kids between the ages of 6 and 17.

For a mere \$1 per youngster, Recreational Services Department is offering a variety of fun and games at the Youth Center/Skating Rink on Richmond Road

Activities, besides skating, range from Frisbee throwing contests to crafts classes. Each evening is built around a theme, and participants are urged to come in costume to get into the spirit of the evening. Prizes will be offered for the best costumes to fit the theme

Themes and the nights on which they will be featured are, on July 15, Space Adventure Night; July 22, Cowboy Night; July 29, Disco Night; August 5, Hawaii Night; gust 12, 50s Night: August 19. Athletes Night; and August 26, Surf Night.

SAFETY MGM'T CLASS

A 4-hour class on the principles of safety management will be held at the Safety Building, corner of Nimitz Avenue and Hussey Road, from 7:45 to 11:30 a.m. on Thursday, July 23.

This course is being offered as a means of providing information that will assist supervisors in more effectively carrying out their responsibilities in the field of safety.

Employees interested in attending this class must submit a training request and authorization form via department channels in time for it to reach Code 2405 by Thursday, July 16.

KIDS DOG SHOW

The third annual Kids Dog Show will be held at McBride park on Wednesday, July 15, from 9 a.m. to noon. Children between the ages of 6 and 17 are invited to bring their dogs and to participate in the event. The entry fee is \$1.00 for each entry.

The categories of competition include the smallest dog, the curliest dog, the best behaved dog, the largest dog, the dog

Each Wednesday evening from 6:30 to performing the best trick, and the do

Those who are interested in the Kids Dog Show may register at the Recreation Cooordination Office. Information concerning the event may be obtained by calling NWC ext. 2010.

NEX SUMMER SALE

Next weekend, July 17 and 18, the Navy Exchange is having a "mid-summer bonanza," with a parking lot truckload sale on seafood products and Pepsi products.

Also featured next weekend is ten percent off the price of all items in the garden shop, savings in personalized services, regulation and children's haircuts for 50 cents, special prices on sandwiches in the plaza snack bar, and a hardback book, record and tape sale.

—Promotional opportunities (Continued from Page 2)

UNIVAC 1110.

uncement No. 00-012, Secretary (Typing), GS-318-4, PD No. 800023, Code 022 — This position provides clerical, typing, and other administrative support to the Staff Judge Advocate. Duties include receiving, screening and distributing mail; receiving visitors and phone calls to the Legal Assistance Office, directing them to the appropriate person; providing information on non-legal matters; maintaining files; scheduling appointments and meetings; preparing time cards, travel orders, stubs, etc.; and preparing official correspondence from rough drafts, notes, or oral instruction. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail. ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences Promotion potential to GS-5. Supplemental gualifications statement is required, along with Form 171, and may be picked up in the Personnel Building in Room 208 from Susie

Announcement No. B-62-6, Secretary (Typing), GS-318-14, PD No. 8162022N, Code 6243 - This part-time position is located in the Range Department's Telemetry Technology Branch. The incumbent screens visitors and incoming phone calls. Duties include preparation and editing of correspondence submitted by personnel in the branch, with timekeeping duties, arranges conferences, and maintains Regionnel Building.

Burros class of '71 heads for nostalgia, fun at 10th reunion

Graduates of the Class of 1971 from Burroughs High School will take a trip into nostalgia on Saturday, Aug. 1, when they gather at the Chief Petty Officers' Club for a buffet dinner-dance, starting with a social hour at 6 p.m.

Cost of the buffet and the evening's dance is \$12.50 per person. Reservations must be received by next Wednesday. They may be made by telephoning either Vicki Fritchman Lilly at 375-5435, E. P. Rosellini at 375-5630, or writing or telephoning Kathy Rosellini, 1801 Panorama Drive, Bakersfield, Calif. 93305. Her phone number is (805) 395-4311, and she can be reached after 5:30 any evening

files. 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 correspon dence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office: ability to train clerical personnel and organize workload of clerical staff or processes: ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Sup plemental qualifications statements are now required for desk in the Personnel Building. Previous applicants need

not apply. Announcement No. 26-106, Equipment Mechanic, WG-5352-10, JD No. 37-3N, Code 26421 - This position is in the Maintenance-Utilities Division of the Public Works Department. The incumbent installs, overhauls, repairs, maintains, "alters as needed" machine shop equipment power plant equipment, large fresh water pumping equipment, range testing equipment, cranes and hoists high and low pressure pneumatic systems and equipment. hydraulic systems and equipment, hydraulic-pneumatic systems and equipment, sewage disposal plant equipment steam engines, steam cleaners, internal combustion ngines, as well as controls for above items. Job Relevan Criteria: Ability to install, maintain; overhaul, repair and test run mechanical equipment; ability to read and interpret blueprints, sketches, etc.; ability to troubleshoo pertinent equipment; ability to use hand tools and measuring devices; ability to do the work of the position without more than normal supervision. Note: Sup responsibility for proper format, address, correct plemental qualifications statement is required and may be distribution and security classification. The incumbent picked up at the reception desk or in Room 210 of the

Page Seven



Page Six



nwc rockelee SPORTS

Summer activities

Tourneys, lessons available for all tastes, skills, ages

Three tennis tournaments for military men and women have been scheduled at the Naval Training Center in San Diego during the week of July 27 through 31.

NWC military personnel interested in taking part in these events must notify the NWC athletic director of this interest no later than Monday by calling NWC ext. 2334 or 2571.

Singles and doubles competition isscheduled in both the Junior Veteran Division (for those 35 through 44 years of age) and in the Senior Men's Division (for those 45 years of age and over).

In addition, there will be a tennis championship tournament for both active duty and non-military women.

COLT LEAGUE

The Indian Wells Valley Pony-Colt Baseball League will host the Colt all star tournament tomorrow and Sunday at Kerr-McGee Field in Ridgecrest.

The IWV Colt All-Stars begin the tourney with a game against Palmdale starting at 11 a.m. tomorrow. Other participating teams are from Quartz Hill and Lancaster.

The tournament continues through Sunday, and resumes again next weekend with the playoffs.

Everyone is encouraged to attend to help cheer the local team to victory.

GOLF CHAMPIONSHIP

Golfers trudging around the course are honing their skills in preparation for the China Lake Golf Club 1981 Championshi tourney, slated for the weekends of July 18-19, and 25-26. All entries (at \$5 each) must be received by Wednesday.

The winner of the 72-hole medal play tournament will be entered in the S.C.G.A. "Tournament of Club Champions," as well as receiving a trophy. Trophies will also be awarded to winners and runners-up in the Championship Flight, and first, second, and third flights.

Entry forms can be obtained in the proshop at the China Lake course.

TENNIS LESSONS

Future John McEnroes and Chrissy Evert-Lloyds can get off to a good start with tennis lessons being offered through the Recreational Services Department by coach of the contest between High Desert Saloon HDHC strengthened its hold on second Foxtails. Fred Hagist.

Two series of lessons are currently scheduled. The first series will be offered each Monday, Wednesday and Friday from July 20 through 31 from 6 to 8 p.r. The second series of six lessons, also Monday, Wednesday, and Friday, will run from Aug. 3 through 14. The second series will be taught mornings from 8 to 10.

The cost for each series of six lessons is \$9 per person. Registration is at the **Recreation Coordination Office.**

SOFTBALL CLINIC

Children between the ages of 10 and 14 will have the opportunity to learn all aspects of softball including fielding and hitting during a softball clinic that is scheduled to begin on Tuesday, July 28.

The softball clinic will be held each Tuesday and Thursday morning from 9 to 11 at Reardon Field through Aug. 13. Cost for the six-session clinic is \$9.

Registration for the class is being handled at the Recreation Coordination Office. Anyone seeking further information about the softball clinic should call NWC ext. 2010.

Vie helps Dodgers win championship from the Rangers

The pitching arm of Steve Vie was as hot as the weather on Thursday, July 2, as his 2hit, 12-strike-out pitching helped the Pony League Dodgers win the league championship from the Rangers.

The Dodger offense started in the first inning with a single by Ray Haleman, who stole second base and scored on Vie's single. -Ted Hopkins of the Rangers pitched a good game until the fourth inning when the Dodgers opened up with a walk by Kelly Lukens, a sacrifice from Rob Smith, another walk by Haleman and Mike Crom, and a shot over left field fence by Vie resulted in a 5-0 lead. The Dodgers scored on another run in the fifth on a single and a stolen base by Floyd Rhodes and an RBI by Haleman.

In the sixth, Vie had some control problems and gave up a walk to Jesse Martin, a single to Jeff Henly, another walk to Hopkins, and a single to Tommy Legg for 3 runs before he settled down and struck out the side. In the Dodger sixth, Crom walked, Vie walked, Billy Meeks' infield ground and error scored Crom from second base.

In the top of the seventh, Vie found his rhythm and struck out Stoner, got Steve Burdett on a comebacker and struck out Martin for a 7 to 3 victory and the league championship

Men's, women's softball update

Stare Montagne rolls over NWC Varsity while CSC crushes Home Center in 21-6 victory

A pair of lopsided wins were posted last week by the Stare Montagne team, leaders in the American Division of the men's open slow pitch softball league.

In similar fashion, the Villains maintained a hammerlock on first place in the National Division by virtue of a convincing win over Pizza Villa.

Stare Montagne blitzed the NWC Varsity 23-6 and demolished the High Desert Saloon squad 32-1 in the process of boosting its season record to 10 wins and 2 losses.

For all intents and purposes, the outcome of the game against the NWC Varsity was settled in the first inning when Stare Montagne tallied 14 runs to 0 for the opposing team.

The Stare Montagne hit parade was led by Greg Bell, who had three home runs in four times at bat; by Dell Kellogg, whose fourfor-four at the plate included two home runs, a triple and a single; and by Tim Strawmyer, who had four hits (all singles) in four times at bat.

Uwe Schweikert, with a home run and two singles in three trips to the plate, led the

NWC Varsity in a losing cause. The game was all over in the first in

and Stare Montagne, as the Saloon keepers tallied their only run of the game in their first time at bat. After that, it was academic as Stare Montagne pounded out a total of 30 hits and, in one inning (the third) erupted for 15 runs.

Benny Williams was the game's leading hitter, going four-for-four at the plate, including a home run, two doubles and a single for Stare Montagne, while a teammate, Greg Bell, picked up five hits in six atbats. Bell had two home runs, a double and two singles.

Scores of other games played last week in the men's open competition of the **Ridgecrest Recreation Department's Slow** Pitch Softball League were Clancey's-Home Center 14, ARCS 11; NWC Varsity 15, CSC 14; and Renegades 20, Vaughn's 8.

WOMEN PLAY 5 GAMES

Five games were played, and there was one forfeit, last week in the Women's Division of the Slow Pitch Softball League.

CSC maintained a 1-game lead over the second place High Desert Home Center (HDHC) squad as the result of an easy 21-6 win at the expense of Home Town Realty.

GETTING INTO THE SWIM - Tiny tots between 19 months and 3 years of age are currently receiving swimming instruction at the Center gym's indoor swimming pool. Classes that began on July 7 will continue on Tuesdays and Thursdays from 10:30 to 11 a.m. through July 23. Adrienne Swinford, the instructor, helps Kelly Tims, age 18 months, learn to float while mothers of the other children in the class look on. This is the second series of swimming classes for tiny tots to be offered this summer by the Recreation Division of the Recreational Services Department.



YERRR OUT! - Says umpire Casey Wilson as Shaun Bradley of the Padres slides home and John Harris, catcher for the Yankees, anxiously awaits the ruling. The Yankees took the Padres 12-4 in this Little League game.

twice in the last half of the fifth inning of the game against IWV Dairy to win by a final	
tally of 13-11. The Dairy girls then bounced back to pound out a 25-4 victory over Rosas Roofing.	
It was no-contest in the game between the IWV Dairy and Rosas Roofing, as the Dairy girls outhit their opponents 24-9 and built up a 14-4 lead in the first three innings of play. Adding icing to the cake, the Dairy team racked up 11 more runs in the final two innings of play to win, going away, by a 21-	

٠	
	Ridgecrest Recreation
	Slow Pitch Softball Leagu
	and an of lute D.

Slow Pitch Softball	League		
Standings as of July 2:			
Team	W	L	Т
Men's American	Div.		
Stare Montagne		2	0
Stare Montagne Pizza Villa	8	4	0
ARCS	7	. 4	1
NWC O's	5	6	0
ERA Raiders	3	7	1
CSC	2	10	0
/aughn's	1	11	0
Men's National	Div.		
Villains		1	30
Renegades		2	2
WWC Varsity	9	4	0
Knights	7	3	1
Clancey's-Home Center		9	0
High Desert Saloon		9	0
Women's Divis	ion		
CSC		2	(
High Desert Home Center		3	(
Kelly's Earthworks		3	1
High Desert Imports		4	(
WV Dairy	8	6	(
Home Town Realty	4	8	-1
Rosas Roofing	5	8	0
Hot Trotters	5	9	0
Foxtails	5	12	0
WWC Gatlin Girls	1	12	0
Military Divisi	on		
Figers	5	2	0
Rippers	5	3	0
Dly's	1	6	0

place by knocking off Kelly's Earthworks (the division's third place team), 14-4, and also salted away a 26-9 win over the Hot

July 10. 1981

Trotters. Going against the Hot Trotters, HDHC made it look easy by scoring 13 runs in the second inning and adding another 6 in the third while enroute to a 26-9 victory. Home run hitters for HDHC in this tilt were Linda

Smith and Debbie Reider. In the remaining two Women's Division games played last week, High Desert Imports broke open a 11-11 tie by scoring

run margin of 25-4.

The NWC Gatlin Girls lost by forfeit to the

July 10, 1981



LADY WITH A SMILE — Martha Harrington is now secretary to the Commander; she replaces Betty Wright, who retired last week. -Photo by Jeff Johnson

Slot as Commander's secretary now held by Martha Harrington

The duties of secretary to the Office of the and on at China Lake for 33 years. NWC Commander were taken over on July 2 by Martha Harrington, who has moved upstairs in the Administration Building from her previous secretarial job in the Staff Judge Advocate's office.

Mrs. Harrington has stepped in to fill the vacancy left by the departure of Betty Wright, who has retired after working off

Ralph Schwarzbach becomes advisor to **U.S. Seventh Fleet**

Ralph Schwarzbach, a Naval Weapons Center employee for the past 20 years, left China Lake yesterday on the first leg of a trip that will take him to Yokosuka, Japan, where he will serve for a year as science advisor to the U.S. Seventh Fleet.

Schwarzbach, who is now a part of the Naval Science Assistance Program that is directed from the NSAP office in Washington D.C., was head of the NWC Engineering Department's Fleet Engineering Division for three years before being chosen for this NSAP post.

Although he succeeds an employee from the Naval Ocean Systems Center in San Diego as science advisor to the Seventh Fleet, Schwarzbach also will be following in the footsteps of two other NWC employees who previously handled these same duties. They are Jack Russell, who now heads the NWC Engineering Department, and Dave Livingston, head of the Electro-Optics Division in the NWC Weapons Department.

FLEET PROBLEMS SOLVED

problems that can be solved in a period of luncheon. six months at a maximum expenditure of Dr. McCullough, a psychologist at the \$60,000.

carryover projects that remain to be change. arise while he is serving.

engineering, and is currently rated as a The day will begin with suggested Weapons Center's major Fleet support beginning at 8 a.m. organization.

Pat, and their son, Robert.

She was the secretary in the Office of the NWC Commander during the tours of duty of Rear Admiral William Harris and Capt. William B. Haff, and before that handled secretarial duties for Gerald Miller, when the latter was head of the Harpoon Office and later became associate head of the Weapons Department.

Mrs. Wright plans to remain in the local area - close to friends and co-workers she has become acquainted with since she began work here in 1948 as a key clerk in the former Explosives Department.

Mrs. Harrington began her Civil Service career as a division secretary with the Fleet Missile Evaluation Group at the Naval Ordnance Laboratory, Corona.

She has been working for nearly 11/2 years as secretary to Cdr. Perry Patterson, the Staff Judge Advocate, and (prior to that time) filled in as a WAE employee in the Office of the Commander for six months. Mrs. Harrington's husband, William, is

head of the Deputy Projects Office in the Test and Evaluation Directorate.



Tickets are going fast for the lunch dominated workforce. Panel members are program of Federal Women's Day, Eva Bien, NWC Civilian Personnel Officer; Wednesday, July 15. "Caterpillars Do Capt. Gerry Lee, Director of Supply; LCdr. The general purpose of NSAP, he Become Butterflies," a talk given by Dr. explained, is to work on immediate Fleet Rita McCullough, is the highlight of the

Desert Counseling Clinic, will discuss ideas Not only will he be picking up any on personal growth, development and

completed, but he will be carrying out his Reservations for the lunch should be own investigation of Fleet problems that made promptly because only a limited number of tickets is available. Reservations Schwarzbach will be operating from the can be made by telephoning NWC ext. 2634. Blueridge, an amphibious communications Menu choices are chef salad or club ship that is the flagship of the Seventh Fleet. sandwich at \$3 each. The lunch will be held He has a degree in electronics at the Enlisted Mess beginning at 11:30 a.m.

general engineer. His background for the strategies for dealing with automated science advisor post includes work in the systems - a subject to be discussed by Ed radar field, in the Sidewinder missile Schramko, a mathematician from NWC's program office, in logistics, and, more Central Computing Facility. "Overcoming recently, with the Fleet Engineering Computer Anxiety" will be presented in Division (Code 366), which is the Naval Michelson Laboratory auditorium

This will be followed at 9 a.m. by a panel The new Seventh Fleet science advisor discussion on supervising men and women will be joined in about a month by his wife, and whether there are differences in approach in dealing with a male or a female

Adm. John G. Williams, Jr., now heads Naval Material Command

Expressing his pleasure at being ap- had helped so much over the past years, and these exciting times of increased challenges and commitments, Admiral John G. Williams, Jr., relieved Admiral A. J. Whittle, Jr., as the sixth Chief of Naval Material of the Naval Material Command on June 30.

Adm. Whittle retires

Admiral Williams had been serving as Deputy Chief of Naval Operations at the Command Fleet Master Chief. time of his selection.

During the change of command ceremony at the Washington Navy Yard, Admiral James D. Watkins, Vice Chief of Naval Operations, traced the history of obstacles placed before any Chief of Naval Material and lauded Admiral Whittle for the 'miraculous job" he has done.

He then presented Admiral Whittle, on behalf of the President, with the Distinguished Service Medal for his "unparalleled qualities of leadership, astute assessment, impeccable integrity, and consummate skill" in performing his duties as Chief of Naval Material.

Admiral Whittle thanked the thousands of people in the Naval Material Command who

pointed Chief of Naval Material during warned against the alarming trend of taking short-term gain without looking at longterm impact.

In looking back over his 39 years of naval service, Admiral Whittle added that "the Navy has been wonderful to me." After reading his orders, Admiral Whittle's flag was hauled down and handed to him by the

After reading his orders and assuming command, Admiral Williams said that he was confident that, working together, the Naval Material Command was equal to the task of facing all of the challenges mentioned by Admiral Watkins.

The Naval Material Command, which has about 220,000 military and civilian employees, is the Navy's single agency for acquisition and logistics support for all U.S. Navy ships, aircraft, weapons, electronic equipment, and supporting systems.

It is responsible for research and development, procurement, production, installation, maintenance, overhaul, and modernization. Its fiscal year 1981 budget is more than \$30 billion

Quick thinking by co-workers saves life of unconscious man

"Quick thinking. Quick action. It was this transported AQ1 Riepe to Ridgecrest combination that was responsible for AQ2 David Williams and AQ3 Henry Lemons saving the life of AQ1 Jerry Riepe.

Upon entering the AQ Work Center on 24 June, AQ2 Williams observed AQ1 Riepe lying on the floor in the back of the shop. AQ1 Riepe was apparently unconscious. AQ3 Lemons was kneeling next to Petty Officer Riepe, attempting to open his mouth. At this time AQ1 Riepe's skin was deep purple, and he was unable to breathe. His mouth was full of blood; apparently he had bitten his tongue.

AQ3 Lemons called for assistance; he needed any material that could be used as a temporary airway. AQ2 Williams handed him several 5x9 index cards. Petty Officer Williams than knelt down and opened AQ1 Riepe's mouth while AQ3 Lemons rolled the cards into a tube. He inserted the tube into AQ1 Riepe's throat to act as an airway. Petty Officer Riepe's head was then turned to the side, and he immediately started breathing in a more normal manner.

Shortly thereafter, paramedics arrived on the scene and administered oxygen. conducted a preliminary examination, and

Hospital via NRMC. He was held overnight for observation and further testing the next day

VX-5 is very proud of these two sailors who exhibited such fast, level-headed thinking in a high stress situation. AQ2 Williams and AQ3 Lemons richly merit the squadron's praise and pride.

By Ensign Susie Justice

Annual rating period for Demo Project will end July 31

Personnel currently included in th Demonstration Project are reminded that the official rating period for this year ends on July 31. Assessments will be conducted during the month of August, and information forwarded to the appropriate department office. All official ratings must be forwarded by department offices to the Personnel Department by September 15 so that pay can be adjusted for the pay period beginning Oct. 4.

Dr. McCullough'stalk highlights Fed'l Women's Day

Rosemary Mariner, VX-5 Quality Assurance Officer; Charles Goff, a budget analyst; and Elaine Wunderlich, a financial



Dr. Rita McCullough

management advisor. EEO credit will be given to anyone attending this panel discussion

A film, "Killing Us Softly," will be shown at 10:45 in the Michelson Lab Auditorium. The film depicts the image of women projected by the advertising industry, television, movies, magazines and newspapers.

The same film will be shown at 1 p.m. in Lauritsen Laboratory conference room No. 1 for anyone not able to attend the earlier presentation.

Mary Ellen Mead, an account executive with Merril Lynch, Pierce, Fenner and Smith, will present two seminars on investments starting at 1 p.m. in the Michelson Laboratory Auditorium.

Ms. Mead presented such an outstanding seminar last year that she was asked to return for this year's Women's Day program. She will discuss "Investment Dollars and Sense" at 1 p.m., followed by "New Looks and Old Looks Revisited" at 2:45.

Interested men and women are invited to attend any or all parts of the Federal Women's Day program.

Page Four

Distinguished summer employees

Research programs attract university faculty members

Of approximately 40 science and He has lived in Los Angeles and has engineering faculty members from colleges visited Lancaster, so this is not his first and universities throughout the country who experience with desert life. "One of my have been selected to spend 10 weeks goals while at China Lake is to see a desert working in Navy laboratories this summer, pup fish." He explained that they are fish ive are here at the Naval Weapons Center. that live in the outflow from a hotspring. The Navy Summer Faculty Research Desert pup fish can be found on the Naval rogram, in its second year here at the Weapons Center in the Lark Seep area, Jenter, is sponsored and monitored by the north of the golf course. **Office of Naval Research and administered** y the American Society for Engineering Education (ASEE).

The program is designed to involve iniversity faculty members in Navy esearch programs and develop the basis or continuing research of interest to the Javy at the faculty members' institutions, s well as establishing a -continuing elationship between these faculty nembers and their peers working at Navy aboratories.

ECOND YEAR OF PROGRAM

Dr. Edwin B. Royce, head of the NWC esearch Department, said that articipants in last year's program were enthusiastic" about the program. He also ided that the summer faculty research ogram benefits NWC because it "builds) professional relationships and creates tellectual stimulation between university ientists and Navy scientists."

Faculty members spending 10 weeks this immer working at NWC are Dr. Lawrence . Johnston, from the University of Idaho, 1 Moscow; Dr. Dorothy C. Lane, from the niversity of Virginia in Charlottesville; r. Alan P. Marchand, from the University Oklahoma in Norman; and Dr. Peter alsh, from Fairleigh Dickinson Univerty, Teaneck, N.J. Dr. Chi C. Sung from the niversity of Alabama in Huntsville, spent ve weeks here and finished his assignment 1 June 26.



Dr. Lawrence H. Johnston

Dr. Johnston, an optical physicist, is nysics Division of the Research epartment doing research on thermal He applied specifically for the position warm! reat NWC, "because I heard that there is very good program in optics here. I aching at our university. I will be able to history and geology of the area. amples in my teaching," he said.

hnston hopes to see if there are research iching.

perience. "It's very helpful to learn the regulations," he said. te of the art techniques used in Dr. Marchand added that the Navy is e in the laboratory." ship.



Dr. Dorothy C. Lane

Dr. Lane is a chemist interested in mass spectrometry as it is applied to the analysis trace organic compounds in environmental and biological matrices. While on sabbatical leave from the University of Pittsburg at Titusville, she worked with Professor Ian Hunt's research group at the University of Virginia using the triple quadruple mass spectrometer to analyze chemical sludge for various pollutants. At the University of Virginia, mass spectrometers are set up in tandem for the purpose of separating and identifying compounds in complex

mixtures.

"This program permits me to work closely with people in government facilities University in New York where he to see where their interests lie and to learn what is important to them. Then I will be able to go back to Oklahoma and continue to at New York University. Dr. Walsh's thesis develop my research program in ways that, work was in the field of quantum hopefully, will be to maximum mutual benefit," he added.

Dr. Marchand enjoys the "hands-on" experience that this summer research program offers.

Dr. Marchand also is working on a related project at University of Oklahoma that he is continuing to pursue while here at NWC. A grant through NAVAIR enables him to continue research. Because of Dr. Nielsen's interest in the project, he was selected to summer at the Center

He found his experiences in this research project to be positive. "I find people to be very helpful. My impression is that NWC is a nice place to work. If ASEE again offered this program to me in the future and I was back. This is a productive program and I enjoy it."



Dr. Alan P. Marchand

For 10 days in July, his wife, Nancy, will be visiting here from Oklahoma. Dr. Marchand emphasized that he is

"appreciative of the on-base housing

available to short term visitors of the

Dr. Walsh, a physicist, is spending this

summer working on photolysis of inorganic

At NWC, gas chromatography is coupled with mass spectrometry to achieve the separation and subsequent identification. Dr. Lane was graduated from the University of Vermont and holds a Ph.D. in theoretical physical chemistry from

Photos by

Don Cornelius

Center."

Virginia Polytechnic Institute and State University. Next year, as a National Research

Council Associate, she plans to explore the theoretical and analytical implications of singlet oxygen reactions in the mass spectrometer at the EPA lab in Athens, Ga. At the University of Pittsburg-Titusville orking with Dr. H. E. Bennett in the campus, Dr. Lane has taught organic and general chemistry, as well as chemical engineering thermodynamics.

nission of radiation from laser windows. She finds the desert beautiful - and a bit

She and her 19 year old daughter, Jo Ann, anted to learn about the kind of advanced are thoroughly enjoying being weekend tics being done here for both research and tourists, and are fascinated with the

e many techniques learned here as Dr. Marchand is spending 10 weeks with Dr. Arnold T. Nielsen in the Chemistry in the course of this program, Dr. Division of the Research Department synthesizing potential new air breathing ograms of interest to the Navy and to his missile fuels. His work involves vsics Department that can be carried out "synthesizing new fuels which possess high the University of Idaho, where he is now energy per unit volume and at the same time meet safety and storage criteria. Dr. Johnston has found this summer These criteria are stringent, and new fuel earch program to be a positive must meet these safety and storage

ducing optical components and the way constantly seeking to make more energetic branch allows me to familiarize myself with cise optical measurements are made fuels that can be stored safely on-board some of the latest developments in thin film



Dr. Peter Walsh

As a result of his work here, Dr. Walsh expects to be able to add content to the courses he teaches in optics, lasers, and plasma physics. "I hope to gain new knowledge and ideas in an area that is new to me. Participating in this summer research program is a way of keeping up with novel areas of research. The contact with people here and with scientists in the research," he said.

path and a to start a second and a tennate

Dr. Walsh was graduated from Fordham completed undergraduate work in physics; his graduate work, also in physics, was done mechanics.

SCIENCE AND THE OCCULT

On June 24 he presented a seminar entitled, "Science and the Occult," to interested NWC personnel in the Michelson Laboratory auditorium. In his presentation, Professor Walsh discussed the relationship between science and the occult and explored witchcraft, altered states of consciousness, extrasensory perception, parapsychology, and other related topics. He is the co-author of "The Dark Side of continue work on his research project this Knowledge," which attempts a scientific look at the occult.

Dr. Sung, a physicist, spent five weeks working with Dr. J. M. Elson in the NWC Research Department's Physics Division. His work involved calculating how impurities can effect laser damage. "What able to take the time, I would gladly come Dr. Elson and I do is useful to those who are doing experimental work in the laboratory. Our calculations will be published to help those in research.

> Dr. Sung wanted to participate in this summer research program because he was interested in working with Dr. Elson since he felt they could accomplish a great deal of research beneficial to both of them. Also, 'Michelson Laboratory is well known in this

> country for its work in optics," he said. This is his first time visiting the desert and he "finds the climate here unique. I didn't realize that lizards were as abundant as they are here.

"This experience has been a pleasant one and I feel that it offers participants in the university system a chance to understand the problems in laboratory research," Dr. Sung commented.



Dr. Chi C. Sung

Dr. Sung was graduated from the National Taiwan University where he did undergraduate work in physics. He received a Ph.D. in physics from University of California at Berkeley in 1965.

Dr. Sung's research program was limited to five weeks because he wished to spend a part of the summer with his family in Alabama.

By Beth Payne

-Energy Facts—

If drying the family wash takes more than one load, leave small lightweight items until last. You may be able to dry them, after you turn off the power, with heat retained by the machine from earlier loads.

Save energy by using the oldfashioned clothesline. As a bonus, clothes dried outdoors often seem fresher and cleaner than those taken from a mechanical dryer.

CHECKING IT OUT - ADAN Charles M. Meznarich, a Naval Reservist from NWC Support Unit 0176, makes a final adjustment on the mock-up of a Sidewinder missile as part of a feasibility study to assess compatibility of the missile with the HH-3A helicopter. This was one of several engineering feasibility studies conducted by personnel of NWC Support Unit 0176 during two weeks of active duty for training Local reservists study how to

Lt. Bob Juarez, USNR-R, an employee in the Gun Systems Branch of the NWC Ordnance Systems Department, was in charge previously installed equipment was kept to of a group from NWC Support Unit 0176 that a minimum. This was consistent with the investigated the feasibility of replacing gun overall project goal of minimizing both the mount systems on HC-9 helicopters. In addition, the Naval Reservists were asked to look for a gun system that would provide HC-9 aircraft with a forward-firing capability.

helicopter.

pod.

July 10, 1981



July 10, 1981

ROCKETEER

Page Five



modify helos for Sidewinders

Engineering feasibility studies of various Aerospace Technology, Inc. modifications to the HH-3A helicopter were carried out recently by a group of 35 Naval Support Unit 0176.

These studies, performed at the request and under the auspices of Helicopter Combat Support Squadron Nine (HC-9) were conducted during the Naval Reservists' two weeks of active duty for training, which took place at the North Island Naval Air Station located in San Diego.

Lt. J. R. Bates, USNR-R, an employee in the System Survivability Branch of the NWC Fuze and Sensors Department, headed a team assigned to determine the feasibility of arming the HH-3 helicopter with the AIM-9 Sidewinder missile, since doing so would greatly enhance the capability of HC-9 helos during search and rescue missions in combat.

The Naval Reserve study team headed by Lt. Bates determined the best configuration for the Sidewinder missile launcher, and then fabricated a mount for attaching the launcher and missile on the helicopter.

Two candidate gun systems were selected for these desired improvements, and it was determined that with a few modifications to sway braces, bomb shacklet supports, and other parts of the helicopter structure, the GPU-2 / A gun pod could be hung on the

Prior to the gun pod being flight-certified on the HH-3A helicopter, a structural analysis will have to be conducted and modifications (if required) made to insure that the helicopter can handle the recoil of the 50 caliber machine gun carried in the

The problem of suppressing infrared radiation from hot metal and the exhaust plume emanating from HH-3A helicopter engines was tackled by Naval Reservists who were headed by Cdr. Juan Garcia, resident, Cdr. Garcia is director of Road (formerly 65-B Halsey).

The first order of business of the group directed by Cdr. Garcia was to "shelter" Reservists who are members of NWC the engine's exhaust pipe in a structurally and aerodynamically efficient manner. In addition, a means of expediting plume cooling had to be designed - preferably cooling as much as possible while still in the "shelter" shroud.

The intent of this project team was to minimize any power losses due to back pressures and-or additional loads, such as those that might be caused by accessory power requirements. To this end, a passive system that placed no load on the helicopter's power plant was proposed, and a coarse prototype was fabricated to prove concepts and establish design guidance for possible future refined manufacture designs

Other members of NWC Support Unit 0176, working with Lt. Kenneth Pritchard, USNR-R, an employee in the NWC Patent Counsel Office, developed instructions on how and where to install a Litton LTN-211 Very-Low Flight Omega Navigation System in the HH-3A helicopter.

A specific location in the helo's avionics bay was identified, and relocation of cost and number of man-hours required for an operational level installation.

In addition to the foregoing, a project was started by DPI Joanna Wojciehowski, USNR-R, of Ridgecrest, to develop a computer program that will assist HC-9 personnel in keeping track of aircraft downtime. This project is being continued on normal Naval Reserve drill weekends here at China Lake.

Also during the local Naval Reserve unit's two-week period of active duty for training, LCdr. Charles Anderson, USNR-R, an employee in the NWC Weapons Planning Group, provided a plan for the establishment of an internal review and an audit program for the Supply and Comptrollers' Staff of the Naval Air Reserve Unit, North Island. Anderson is the supply officer of NWC Support Unit 0176.

AFGE meets Monday

The American Federation of Government Employees, Local 1781, will hold its regular monthly meeting on Monday evening at 7. USNR-R, as project leader. A Ridgecrest The meeting will be held at 520 E. Invokern

Talk on Space Shuttle highlights local celebration of Space Week

Space Week (July 16 through 24), which honors the first manned lunar landing, will be appropriately celebrated locally on Thursday, July 23, by a talk entitled "Space program. Prior to his joining Rocketdyne, Shuttle: The Dawn of a New Era."

Frank P. Klatt of Rockwell's Rocketdyne Division will present the talk during a dinner meeting at the Commissioned Officers' Mess. All interested persons are invited to attend the meeting, which is sponsored by the High Desert Engineering Association.

Klatt is the Space Shuttle Main Engine Associate Program Manager for Air Force Programs. A Rocketdyne employee since 1958, Klatt has been a senior research engineer in the Atlas Engine Program Office and the program manager for the Thor/Delta Engine Programs prior to his current assignment in March of last year.

Sonar expert? Come hear how bats use natural sonar system

Dr. James A. Simmons, from the Biology Department at the University of Oregon at Eugene, will discuss how bats orient themselves in their environment during a seminar entitled, "Bat Sonar Systems."

According to Professor Simmons, "Bats use broad band and narrow band sonar systems for orientation in their environment, avoidance of obstacles and detection, identification and tracking of prey." These areas of investigation and other areas pertaining to bat sonar systems will be explored in this presentation.

All interested Naval Weapons Center employees are invited to attend this seminar next Thursday, July 16, at 3 p.m. in the Panamint Room at the Community Center

Use of '1,' information

numbers changes Mon.

Anyone who has to make a long distance telephone call from an NWC extension starting Monday will need to dial 99, then 0, and then the number sought. Access through "1" will no longer be possible from base telephones.

The Ridgecrest information number is also changing. Anyone seeking information about a Ridgecrest telephone number must dial 99-1411 rather than 99-113.

TEL-MED TAPE OF WEEK

The motto of the Boy Scouts is "Be Prepared." Those who want to carry this good advice into adult life can find out what they need to be prepared for accidents or illness by telephoning Tel-Med, 446-3541, and asking to hear tape No. 166, "Medical Supplies for the Home.

In February of 1976, he was awarded the NASA Public Service Award for his contribution to the success of the Delta Klatt served in the Air Force as a project officer at the Wright Air Development Center.

The space observance program is of special interest this year because of the recent success of the SpaceTransportation System in its maiden flight enhancing America's image in space technology.

The local program is sponsored by the American Institute of Aeronautics and Astronautics (AIAA), the American Institute of Chemical Engineers (AIChE), the American Society of Mechanical Engineers (ASME), the California Society of Professional Engineers (CSPE), the Institute of Electrical and Electronics Engineers (IEEE), the American Society for Quality Control (ASQC), and the Society of Logistics Engineers (SOLE), together comprising the High Desert Engineering Association (hIDEA).

The social hour starting at 6:00 p.m. will precede a prime rib buffet dinner at 7, with the talk scheduled at 8:15.

Tickets for the dinner are \$10.00 in advance and \$11.00 when purchased at the door. Tickets may be purchased from High Desert Engineering Association representatives: Mort Kurotori (ext. 7259). Harold Manos (ext. 3695), Tony Miller (446-2589), Jim Serpanos (ext. 3340), and Bob Williams (ext. 6488).

VX-5 . . .

(Continued from Page 1)

especially in the air-to-surface attack role. In addition, VX-5 is tasked to develop, evaluate, and recommend day, night, and all-weather tactics, doctrine, operational procedures, and training and maintenance requirements for Fleet employment of new carrier aircraft, associated aircraft weapons and weapons systems, and support systems, equipment, and material.

The aim of VX-5 test flights is to determine if a weapon is effective, if it can successfully be deployed in the Fleet, and the best method for weapon delivery. In addition, tests are conducted by NWC engineers and scientists on weapons still in their engineering development phases.

The capability of getting such tests flown where engineer and pilot can confer immediately after a test flight enhances both the speed and effectiveness of weapon development for the benefit of the Navy.

"The VX-5 Vampires meet their challenging jobs with pride and dedication," says VX-5 Public Affairs Officer Ens. Susie Justice.



EXHAUST SUPPRESSOR ASSEMBLED — It may not be pretty, but it sure works, according to AMS1 Edwin Timmons (at left), of Ridgecrest, and AD1 Vernon D. Smith, of Ridgecrest. Both men (Naval Reservists attached to NWC Support Unit 0176) are assembling an infrared exhaust suppressor for use on a HH-3A helicopter engine in preparation for testing the device.