All clubs on Center available for use by party planners

Party-planners at the Naval Weapons Center have a new service available to

Alma Cowan, associate head of the Special Services Division, has been designated as a single point of contact to help make arrangements for anyone who is planning a lunch, dinner, reception, or other party at the Commissioned Officers' Mess, Chief Petty Officers' Club, and Enlisted Mess on the Center. She can be reached at NWC ext. 3387.

Mrs. Cowan points out that parties can be held at any of the three clubs or at the Community Center, depending on how many people are expected to attend. Rooms and facilities are available for gatherings of all sizes from a minimum of 30 to more than 300 guests.

Best of all, food prices are competitive, and party menus (including the bar) can be planned to suit special party themes.

Parking is no problem for party-goers at any time - day, evening, or weekend. Private rooms with a public address system are available.

For the convenience of guests who do not have NWC passes, a special event pass can be arranged so that they merely need to tell the guard at the gate that they are guests at a party designated for a specific club, and they will receive a special event pass covering all persons in the car.

Party occasions for which clubs are available include promotions, retirements, annual meetings (or regular meetings), and just plain get-togethers. Engagements and wedding receptions are also especially in order in spring.

With warm weather approaching, outdoor areas at the COM and the CPO Club are ideal for picnics and barbecues and children's birthday parties.

NWC clubs are ready, willing, and eager to help with party arrangements. All that it takes to get such help is a telephone call to the Special Services Office.

Annual AAUW rummage sale is now underway

The annual rummage sale of the China Lake-Ridgecrest Branch of the American Association of University Women began this morning and will continue until 5 p.m. today at 505 Vera St., Ridgecrest.

The sale will be resumed tomorrow morning at 9 and continue until 2 p.m. A wide variety of clothing and household items (including two rugs) has been collected for this fund-raising event.

Peter Faulk and Ann Margaret

(Comedy, rated PG, 92 min.)

"METEOR"

Sean Connery and Natalie Wood

(Science-fiction, rated PG, 107 min.)

"TIME AFTER TIME"

Malcolm McDowell & David Warner

(Suspense-drama, rated PG, 112 min.)



REMINISCING - Nancy Nowak, in the role of Amanda, and Rus Stedman, who plays the part of Elyot, talk about their life together in "Private Lives," the Community Light Opera and Theatre Association comedy opening at the Burroughs High School lecture center tonight at 8:15. Other performances are scheduled tomorrow and on April 18 and 19 at the same time and place. General admission is \$3, and \$2 for



GETTING ON BANDWAGON — China Lake Police Chief Ron Nelson (at right) and his wife, Barbara, are among the growing group of new members of the Maturango Museum. A shot in the arm has been given the museum's membership drive by the appointment of Judy and Jerry Langston (at left) to serve as membership co-chairmen for the Maturango Junction fete coming up in October. Other China Lake police personnel who recently added their support by becoming members of the Maturango Museum are Sgt. Dennis Crager (3rd from left) and

Intensified campaign brings in Maturango Museum members

An intensified campaign aimed at increasing membership in the Maturango Museum is showing good results.

This is good news to Billie Hise, chairperson of Maturango Junction, who hopes to capitalize on community interest in the museum to further increase museum memberships

"Our membership is at an all-time high," Mrs. Hise said, pointing out that currently there are over 700-paid-up members of the museum. Goal of the Maturango Junction Committee is to further increase this membership to over 1,000 by the time the Maturango Junction fete occurs in late

"This is a very realistic goal," said Mrs. Hise, adding that she fully expects to greatly exceed it. To achieve the goal, Mrs. Hise has selected a highly motivated pair of new members, Judy and Jerry Langston, to serve as membership co-chairmen for Maturango Junction.

The Langstons, who came here about a year ago from Cape Kennedy, Florida, have already signed up half a dozen new members in the week since they joined the museum. Attributing their success to "the personal touch," Mrs. Langston said, "We're finding that many people have never been approached on a personal level - that they really want to join the museum as soon as they find out how to do it."

The Langstons will be working in close



students, senior citizens, and military.

cooperation with Frank Cartwright, who serves as membership chairman of the museum in his capacity as vice president of the board of trustees. Mrs. Langston is an employee of the Naval Weapons Center of Police Division, while her husband works as a computer scientist at Computer Sciences Against Cancer, 446-3939. Corp. in Ridgecrest.

Anyone who would like to be contacted about becoming a member of the Maturango Museum is urged to call the museum any weekday between the hours of on Wednesday night 8 a.m. and 5 p.m. and leave his or her name



Commissioned Officers' Mess

Another Membership Night fete is on tap tomorrow evening at the Commissioned Officers' Mess. On board to provide musical entertainment for this event will be the Sounds of Country.

The versatile music group, from Studio City, Calif., will be performing from 9 until midnight.

The COM dining room staff is preparing a buffet that will be available from 6:30 to 9 o'clock. The menu will include breast of chicken, baked potato, and vegetables.

Price for this gala evening of dinner and dancing is \$4 for members and their spouses, and \$5 for guests. Reservations, which should be made by this evening, are a must and can be arranged by calling 446-2549.

Next Tuesday is Italian Night and, from 5 to 9 p.m., the COM will be serving all the spaghetti anyone can eat at a price of \$2.75 per adult, and \$1.50 for

On barbecue night, Thursday, April 17, the dinner special of the evening will be a country platter of pork spare ribs and chicken, country potatoes, corn-onthe-cob, and hot biscuits and honey, all at a price of \$5.25 per person. Dinner on barbecue night will be served from 6 to 9 o'clock.

Chief Petty Officers' Club Another evening of dining and dancing has been scheduled tonight at the

Chief Petty Officers' Club. Main items on the menu will be prime rib of beef and Icelandic cod dinners, served from 6 to 9 o'clock.

Following dinner, the Sounds of Country, a country-rock musical group from the Los Angeles area, will be playing for the listening and dancing pleasure of CPO Club members and their guests from 9 p.m. until 1 a.m.

Two events planned as fund raisers for fight against cancer

Two events to help raise funds for the 1980 Crusade Against Cancer have been scheduled in Ridgecrest.

The first, a rummage sale at the old Kern County Building, 236 W. Ridgecrest Blvd., will be held tomorrow and Sunday from 9 a.m. to 6 p.m.

Also coming up on Friday, April 18, will be a visit to Ridgecrest by the James Curran family from Bakersfield, whose members are serving collectively as the volunteer leaders of the 1980 Crusade Against Cancer in Kern County.

The Curran family, which includes a son who is a cancer victim, will be supporting fund-raising efforts not only this month but throughout the year as the Kern unit of the American Cancer Society seeks to reach its 1980 goal of \$175,000.

Local area residents can be a part of this fund-raising effort by supporting the rummage sale this weekend, and also by attending a dinner for the Curran family that will be held at Clancey's Claim Company restaurant starting at 7 p.m. next Friday, April 18.

Donations of \$15 per person include dinner, entertainment and door prizes.

Tickets for the dinner at Clancey's can be ordered by calling the Ridgecrest Chamber Commerce office, 446-4462, or Rose Varga, local chairman of the 1980 Crusade

Hail, farewell party to be held at COM

A hail and farewell party honoring incoming and departing military officers will be held at the Commissioned Officers' Mess next Wednesday, April 16.

Following a social hour that will begin at 4:30 p.m., presentations will be made to four officers who will be leaving China Lake soon. Those to be honored along with their wives are Cdr. Andy Miller and his wife, Betty; LCdr. Rod Wallace and his wife, Judy; LCdr. Larry Crume and his wife, Vicky; and LCdr. Ron Dargo and his

Those who will be welcomed aboard the Center are Capt. John Burns, LCdr. Marv Commander, LCdr. Jack Connell, LCdr. Emmett Lancaster, and Ltjg. Eric Darrow.

All Centerites wishing to stay for dinner are reminded to make reservations by calling the COM (446-2549).

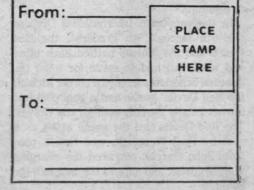
Navy Wives Club to sponsor yardage sale April 16, 17

Stan the Yardage Man will be in town on Wednesday and Thursday, April 16 and 17, under the sponsorship of the Navy Wives Club of America, Desert Flowers Chap No. 125.

He will be displaying his goods including bright prints for spring, new gabardine fabrics, and cashmere sweaters at the American Legion Hall, 641 Inyokern Rd., Ridgecrest, from 11 a.m. until 7 p.m. on April 16, and from 8 a.m. until 2 in the afternoon on April 17.

Everyone in the community who is interested in sewing is invited to visit the American Legion hall while Stan the Yardage man is in the local area.

U.S. Government Printing Office:



Armed Forces Day plans now in final stage

Plans are now in the final stages for a spectacular Armed Forces Day air show at the Naval Weapons Center on Saturday, May 10, featuring the Blue Angels Navy precision flight demonstration team.

The air show will also have a firepower demonstration of weapons developed here at NWC, a flight demonstration of an F-4U Corsair aircraft and a P-51 Mustang, a parachute demonstration by NWC's Parachute Systems Department, and other aerial events still being arranged.

The air show narration will be by J. D. Davis, who flew with the Blue Angels from 1969 to 1971.

TELEVISION ACTOR INVITED

Robert Conrad, star of the television series "Baa-Baa Black Sheep," has been invited and is expected to attend the events of the weekend if film schedules for a new television series permit. The F-4U Corsair that will be on display is the type of aircraft flown in the series depicting activities of "Pappy" Boyington's famous World War II squadron.

The Center's gates will open at 9:30 on the morning of May 10 so that visitors will have the opportunity to view static displays at Armitage Airfield before the air show begins at 1 p.m.

The Blue Angels Navy precision flight demonstration team will actually arrive at China Lake on Thursday, May 9, and will take part in other special events honoring the Armed Forces.

DINNER FOR BLUE ANGELS

On Thursday evening an invitational dinner and reception is planned at the Commissioned Officers' Mess for the Blue Angels, and a "Blue Angel Disco" night dance and reception is planned at the Enlisted Mess honoring enlisted personnel and the maintenance crew of the flight demonstration team. The "Blue Angel Disco" reception and dance will be open to all enlisted personnel and civilians.

On Friday, May 9, members of the flight demonstration team will visit both Burroughs High School and Trona High School to talk with students.

Openings still exist for organizations that (Continued on Page 5)



Naval Weapons Cente China Lake

April 11, 1980

Vol. XXXV, No. 15

Congressman Les Aspin

Member of House Armed Services Committee here for visit Tuesday

A visit for the purpose of obtaining firsthand information about the Naval Weapons Center to learn about a sampling of the many technical programs in which Centerites are involved was made here Tuesday afternoon by the Honorable Les Aspin, who represents Wisconsin's 2nd District in the U.S. House of Represen-

Congressman Aspin is a member of the Armed Services Committee of the House of Representatives. A member of Congress since November 1970, he is now serving his

Prior to his election to Congress, he served on the staff of Wisconsin Senator William Proxmire and, in 1963, was a staff assistant to the chairman of President John Kennedy's Council of Economic Advisers.

A Yale University graduate in 1960, he also has a master's degree - received in 1962 from Oxford University in England, where he majored in politics, philosophy,

WORKED IN PENTAGON

SETTING UP EQUIPMENT - Marines sent here from Camp Pendleton set up

Modular Universal Laser Equipment (MULE) in preparation for target location

and discrimination tests at Joshua Ridge in the Coso Mts. — Photo by Joe Dunn

After leaving Oxford, Congressman Aspin attended the Massachusetts Institute of Technology and received a Ph.D in economics in 1965. During two years of Army service (1966-68), he was an economist working in Systems Analysis in the Pentagon under Secretary of the Defense Robert McNamara. He entered the military service as a second lieutenant and earned promotions to the rank of captain by the time he completed his tour of duty.

Congressman Aspin was welcomed to China Lake by Capt. William B. Haff, NWC



terest to information provided by Wayne Doucette about the Sidewinder air-to-air missile, and the role of Navy laboratories in product improvement programs. Standing by to field any questions he can assist with is Burrell W. Hays, NWC **Deputy Technical Director.**

Commander, and Burrell W. Hays, Deputy presentation by Wayne Doucette on the role Technical Director, who provided him with an overview of the Center and its programs during a meeting in the Management Center of Michelson Laboratory.

The distinguished visitor's first stop after leaving the Management Center was at the Sidewinder Laboratory, where he heard a

of the Navy laboratories in product improvement programs.

This discussion by Doucette, who heads the Sidewinder Program Office in the NWC Engineering Department, covered the Sidewinder air-to-air missile from the 9B to

Operated in one mode, a single pulse of

light can be directed onto a target and its

range then determined by the time required

Development tests underway on man-portable laser system—MULE

For front line ground forces, be they Army or Marine Corps, the assurance that supporting artillery barrages and bombing runs will be not only timely but on target is highly important.

In an effort to achieve this goal, development testing is currently underway on the Modular Universal Laser Equipment (MULE), a man-portable laser system intended primarily for use at artillery forward observation posts.

Basically, the MULE has two principal purposes: (1) target location by range, elevation and azimuth with respect to true or grid north, and (2) target designating for laser-guided weapons and for laser spot tracker-equipped aircraft.

Its three components are a laser designator range finder, a stabilized tracking tripod, and a north finding module. The MULE will be available for use by the forward observer of the future.

for the light to reach the target and be reflected back to the MULE. Another null on the trigger can send forth a steady stream of light pulses that serve to pin-point the target for laser guided artillery shells, bombs or missiles. A dozen Marines, sent here from Camp Pendleton, recently attended a 4-day school in operating the MULE that was conducted

by 1st Lt. John White, USMC, from the Army's Field Artillery School at Fort Sill, After this familiarization with the MULE, the Marines underwent additional tests conducted to determine any problems in

wearing bulky clothing and gloves. As a part of this series of tests, the

setting up and operating the MULE while

(Continued on Page 4)

Navy Appreciation Night set in Ridgecrest

Ridgecrest Chamber of Commerce, in personnel from the Center. concert with the whole Chamber and with local service clubs, is sponsoring a Navy Appreciation Night reception and dance on Friday, May 9, at the Desert Empire Fairgrounds.

Theme for the evening's activities is "America Is Alive and Well in Ridgecrest, USA." and the keynote speaker for the evening's presentations is expected to be Congressman Bill Thomas.

this event and will be appropriately Navy Appreciation Night.

The Military Affairs Committee of the recognized, along with other military

Military personnel at the Naval Weapons Center and their wives or dates will also be guests; general admission for the evening's festivities which include refreshments, hors d'oeuvres, and an evening of danceable music is \$5 per person. Everyone in the local area is invited to attend this gala

Gerry Hucek of the Ridgecrest Chamber The Blue Angels will be honored guests at of Commerce is in charge of planning for

Employee service awards

The following Naval Weapons Center employees have received federal service or NWC length-of-service awards:



35 yrs. Fed'l Service

Joseph T. D'Aronzio

25 yrs. Fed'l Service



George Perrige



35 yrs. Fed'l Service Code 26414



30 yrs. Fed 'I Service



ROCKETEER

Ralph E. Halcomb 25 yrs. Fed'l Service Code 3451



Richard A. Johnsen 20 yrs. Fed'l Service



William L. Miller 20 yrs. NWC Service Code 3423



20 yrs. NWC Service Code 2671



Edward C. Winnemore

30 yrs. NWC Service

Francis L. Thomson

20 yrs. NWC Service

Gloria T. Lemon 20 yrs. NWC Service

Rights of fed'l employees to be subject of FEW forum April 19

rights of the federal employee will be merger of retirement systems and other hosted by Federally Employed Women (FEW) on Saturday, April 19, from 9 a.m. until 1 p.m. at the Cerro Coso Community College lecture center.

Representatives of organizations and unions concerned with employee rights and benefits will discuss such matters as the possible merger of Social Security and federal retirement systems and other pending matters.

Organizations that will be represented include FEW, Metal Trades Council, National Federation of Federal Employees, Federal Women's Program, National Association of Retired Federal Employees, Federal Manager's Association, and the International Federation of Professional and Technical Engineers.

Among those who will be speaking in the panel discussion are Bob Crane, president of the West Coast District of the Metal Trades Council, who has the latest in-

A Federal Information Forum about the formation about the status of the possible pending legislation; and Mike Olsen, West Coast Area Vice President, and Jack Dunne, Washington International Representative, of the International Federation of Professional and Technical Engineers, who are interested in forming a local chapter of that group.

Crane, Olsen, and Dunne will all be staying at the Bar S Motel in Ridgecrest on Saturday afternoon and evening to answer any further questions about their presen-

AFGE to meet Monday

The American Federation of Government Employees, Local 1781, will hold its next regular mothly meeting on Monday at 7 p.m. at 65-B Halsey Ave., China Lake.

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Police Division, Safety and Security Department who are located at China Lake.

The Rocketeer

Official Weekly Publication **Naval Weapons Center** China Lake, Galifornia Captain W. B. Haff **NWC Commander** R. M. Hillyer Technical Director S. G. Payne **Public Affairs Officer** Don R. Yockey Editor

Mickey Strang Associate Editor **Beverly Becksvoort** Editorial Assistant Ron Allen Staff Photographer



News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material, All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm i compliance with NAVSO P-35 revised May 4979. 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

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be a accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employm with the Naval Weapons Center may contact the Employment-Wage and 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. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunitie may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Engineering Technician, GS-802-5/6, PD No. 7662009, Code 62214 — This position is located in the Air Operations Branch, Range Operations Division, Range Department This developmental position prepares an incumbent to perform higher level assignments as a range engineer in planning, engineering and conducting experimental tests on NWC ranges. The incumbent will assist in the planning, engineering and conduct of ground tests and insure safety personnel participating in these operations. Job Relevant Criteria: Ability to communicate effectively both orally and in writing: knowledge of basic mathematics principles; knowledge of safety practices; ability to work

Electronics Technician, GS-856-7/8/9, PD No. 7761007N. Code 6133 - This position is in the Targets Instrumentation and Evaluation Branch in the Targets Division of the Aircraft Department. This position provides design, modification, evaluation, maintenance, failure analysis, and operation for the AN/MSQ-SI radar system and the QF-86 Aerial Target Control Central ground station. Job Relevant Criteria: Knowledge of X band tracking radars: tronic test equipment; ability to work well under pressure.

Electronics Engineer, GS-855-11 or 12, PD No. 7962085E, 6242 — This position, located in the Telemetry Operations Branch in the Range Department, is that of a design engineer for the development and acquisition of digital and analog telemetry instrumentation systems. Typical work assignments will include modernization of telemetry lities, designing digital interfaces between telemetry systems, etc. Job Relevant Criteria: Knowledge of instrumentation design; knowledge of digital control con-

Aerospace Engineer, GS-861-9/11/12, PD No. 8064009E, Code 6412 — (2 vacancies) This position is located in the Basic Design Section, Product Support Branch, of the Parachute Department. The incumbent is responsible for performing basic design engineering on personnel parachutes, ejection seat droque parachutes, parachute peners, harnesses, and aircraft deceleration parachutes, and for the interface between these parachute systems and the ejection seat. The incumbent will manage and im plement design changes into the system. Job Relevant Criteria: Ability to coordinate technical program: design experience with aerospace vehicles and systems or equivalent; test and evaluation experience on aerospace nicles and systems or equivalent.

File applications for the above with Bonnie Owens, Bldg.

Motor Vehicle Operator, WG-5703-6, Code 267 - Temporary not to exceed one year. The purpose of this adertisement is to establish a register to fill temporary (not to exceed one year) motor vehicle operator positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an apointment of this type will be 12 months in any 24 month riod. 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 position. The incumbent transports personnel and small items as assigned by oral and written nstruction in the local vicinity. Maintains reports on all trips indicating departure time, stops, arrival time, mileage, etc. Responsible for minor maintenance and repair on assigned vehicle, making sure it is available and operative. Job Relevant Criteria: Ability to drive safely vehicles; work practices; reliability and dependability as a motor vehicle operator; ability to operate motor vehicles

File applications for the above with Kate Clark, Bldg. 34, Rm. 100, Ph. 2069.

Budget Clerk, GS-501-4, PD No. 7708044, Code 0832 - This position is located in the Budget Division of the Office of Finance & Management. The incumbent will provide fisca clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets travel orders and material requisition actions. Job Relevant Criteria: Demonstrated ability to meet deadlines under pressure: ability to work rapidly and accurately: ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to GS-5. File applications for the above with Claire Boyd, Bldg. 34. Rm. 206. Ph. 2676.

Supervisory Purchasing Agent, GS-1105-8, PD No. 8025015, Code 2522 — This position is the assistant head, Purchase Branch, Contracts Division, Supply Departmen The incumbent supervises both purchasing agents and procurement clerks. The incumbent assigns and directs the work of the branch, reviews finished work, for completeness, compliance and propriety, and provides on the ob training for new employees. The incumbent is a contracting officer with authority to enter into and administer contracts. The incumbent is also responsible for coor dinating purchase requests and proposed purchases with the small business specialist to insure compliance with NWC Small Business Program. Job Relevant Criteria: Willingness to support NWC and Federal EEO program; ability to supervise; knowledge of small purchase program; ability to deal effectively with others; ability to work under pressure. Position has promotion potential to

Lead Procurement Clerk (Typing), GS-1106-5, PD No. 8025016, Code 2522 — This is a temporary position, not to exceed 1 year. This position is located in the Purchase Branch, Contracts Division, Supply Department. Lead duties include: organize and schedule work with clerical staff, establish priorities, and train new clerks. The incumbent types in final form letters, memoranda and a variety of purchasing documents. The incumbent has primary responsibility for maintenance of branch files. Job Relevant Criteria: Ability to lead: knowledge and experience pertinent to the position; ability to interpret nstructions; ability to meet and deal effectively with

others; ability to meet deadlines under pressure Procurement Clerk (Typing), GS-1106-3/4/5, PD No. 7625039, Code 2525 — This position is located in the Contracts Negotiation Branch. The incumbent is responsible for processing contract documents and documentation The incumbent reviews documents for accuracy and verifies clause content prior to typing. The incumbent will also be required to compile statistics for contract history receiving contractor's bids and assembling bid packages for contract negotiators. Job Relevant Criteria: Knowledge and experience pertinent to the position; ability to interpret instructions; ability to meet and deal e fectively with others; ability to meet deadlines under

pressure. Skill in using a Mag card typewriter

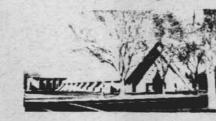
Procurement Clerk (Typing), GS-1106-3/4, PD No. 8025017, Code 2522 — This position is located in the Pur chase Branch, Contracts Division. Supply Department The incumbent types, in final form, a variety of purchase documents, letters and memoranda. The incumbent m be able to identify and transcribe the essential rements of the order from the purchase documents The incumbent acts as a receptionist for the Purchase Branch. The incumbent will also be required to receive an process stubs coming into the branch. Job Releval Criteria: Knowledge and experience pertinent to the position; ability to interpret instructions; ability to mee and deal effectively with others; ability to meet deadlines

Interdisciplinary Electronics Engineer, GS-855-12 or Mechanical Engineer, GS-830-12, PD No. 8033007, Code 33303 — This position is located in the Standard Missile Ordnance Components Technical Office, Fuze Systems Division, Fuze and Sensors Department. The incumben acts as assistant to the technical manager with particular responsibility for plans and programs. Duties include: formulating and maintaining current status plans; identifying and resolving problem areas before they become critical; preparation of procurement actions and monitoring contractor performance; special tasks as Relevant Criteria: Knowledge of principles of electronic or mechanical engineering; ability to communicate efmanagement levels: ability to plan and manage for weapons development and test.

File applications for the above with Susie Cross, Bldg. 34,

Management Analyst, GS-343-11, PD No. 7470029, Code 26021 - This position is located in the department staff office, Public Works Department. Incumbent is responsible for the Commercial/Industrial Program. This includes performing in-depth investigations with evaluations and proposed recommendations which affect all C/I studies. Conducts complex studies of organizational units in Public Works and other Center components. Note: This advertisement will be used to establish a register to fill an anticipated vacancy. Job Relevant Criteria: Ability to fectiveness in handling work contacts; knowledge of management practices, theories and techniques; problem

(Continued on Page 7)



DIVINE SERVICES

PROTESTANT

Sunday School Classes are held in Chapel Annexes 1. 2. 4. (Dorms 5. 6. 8) located opposite the former Center Restaurant. Communion Service first Sunday of the Month

ECUMENICAL 1130

Wednesday Noon Bible Study Thursday Men's Prayer Breakfast

ROMAN CATHOLIC 0830-1130

0630

1930

Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135, Blessed Sacrament CONFESSIONS 1115 to 1130

RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11th grade 1000 Above classes are held in the Chapel Annexes across from the former Center Restaurant.

Sunday afternoon 12th grade As announced "In Home" Discussion Groups and Youth Rallies Contact Chaplain's Office for specifics.

EAST WING -ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95

Services—(Sept. May)

JEWISH SERVICES

April 11, 1980

clinched by Triangle **Mobile Homes team**

With just one more night of competition to go before the end of the regular season, the Triangle Mobile Homes squad has clinched first place in the Premier (scratch) League for the winter season.

This past Monday night at Hall Memorial Lanes, The Triangle Mobile Homes keglers swept a 3-game series with Partlow Construction and now has a 9½ game lead over The Place, its nearest runner-up.

Depending upon how things turn out this coming Monday night, the Buggy Bath team, which is now 11/2 games out of second, could improve upon its third place position.

High team game last Monday night was rolled by the Buggy Bath squad, which posted a 1,013 total, while The Place came through with high team series (2,871).

Individual pace setters were Dick Bauers and Pat Nalley, who each rolled a triple 200 series. Bauers put together a 641 series built on single game scores of 213, 214, and 214, while Nalley rolled a 626 series that started off with a 220 game and then dropped to 204

In addition to Bauers and Nalley, others over the 600 series mark were Warren Turnbaugh (639), John Therning (637), Aaron Kane (633), Walt Emde (611), Ken Dalpiaz (608), and Chuck Cutsinger (607).

Premier League bowlers who had single game scores in excess of 220 were Emde (275), Kane (257), John Johnson (254), Therning (243), Turnbaugh (242), and Dave Vander Houwen, Dick Reymore and Vic

Rec. Roundup . . .

(Continued from Page 6)

Once the team has been organized, it also will compete in National Rifle Associationapproved competition against civilian pistol teams in various parts of California and Arizona.

SKI TRIP PLANNED

Because of the overwhelming response to previous events of this kind, another ski trip to the Mammoth Lakes area has been scheduled on the weekend of April 19 and 20 by the Recreation Branch of the NWC Special Services Division.

Transportation and lodging is included in the cost of \$18.50 for military personnel and patrons at the circulation and reference \$20 for civilians. A van will leave from desk. Bennington Plaza at 4:30 a.m. on April 19, Dawn Cole, library volunteer, has been and return at 7 p.m. on April 20.

The first opportunity to take advantage of this offer goes to military personnel, but civilians interested in this ski trip may begin registering for it on Wednesday, April 16, if seats are still available in the van.

Payment must be made at the time a reservation for the trip is made at the Recreation Coordination Office, located next door to the Center gym. Additional Construction representative and representing the Navy.

NEW OFFICERS ELECTED

A new slate of officers, headed by Morris Scharff, as president, will direct the activities of the China Lake Tennis Club during 1980.

Other officers, in addition to Scharff, are Sandi Graves, vice-president, and Virginia Wirtz, secretary-treasurer.

Youth soccer . . .

(Continued from Page 6) David Owens, Scott Hannon and Sam Greenmum.

In the two team International Division (for 7th through 9th graders), the Red Devils and the Wolves battled each other and wind, but had to settle for a 1-1 tie. Joachen Schadow caromed a corner kick off the Red Devils' goalie and a goal post into the net to tally the only goal for the Wolves. goal by Paul Weimholt, who took a pass from John Garcia, outraced the charging Wolves goalie, and slipped the ball into the

Premier League title Nat'l Library Week to be observed April 13-19

By Deanna Ripley-Lotee National Library Week, April 13-19, is starting off its celebration with the slogan, "So Much for Free."

In keeping with this year's slogan the Center Library wishes to inform the local community of its many free services and informative personnel.

The Center Library, located in Bennington Plaza, serves approximately 20,000 military and civilian personnel and their dependents. It is a part of the Library System administered by the Naval Training and Education Command. Services provided by the Center Library are

It has become an integral part of the military community, serving as a resources center in providing library materials and related services to stimulate professional growth and personal development, to supplement formal training programs, and to contribute to the constructive use of leisure time.

The Center Library also houses a collection of over 200 telephone directories from across the nation. A catalog has been established to assist patrons in finding the directory of their needs.

In answer to frequent requests the library will soon be adding Hi-Fi listening stations and chess sets to the collection.

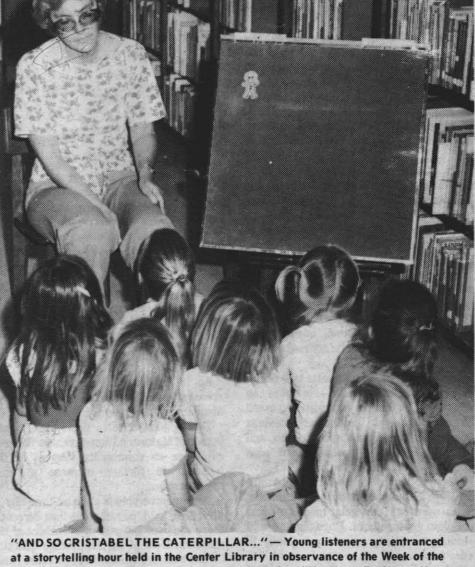
Patrons of the Center Library will find an experienced staff to help them in locating materials of their various interests.

Elizabeth Wilkie, the administrative librarian, has worked in the Center Library for 25 years. She plans and controls the library's budget, develops the collection, and trains and supervises the employees.

With 10 years library experience, Librarian Ed Murray joined the Center Library staff in August 1979. He provides circulation and reference services, prepares book orders, and works closely with the administrative librarian on publicity and displays.

Carolyn Miller, library technician, is in charge of the Interlibrary Loan System, which enables her to get locally unavailable materials for patrons from other libraries. She is also in charge of sending overdue

Connie Hall, who is also a library technician, has been with the library for 8 years. She processes all the new materials, files the catalog cards, and works with the



Young Child. Youngsters from the Nursery School and the Navy Exchange Nursery heard volunteer storytellers recount wondrous tales and were also introduced to a world of books.

working at the Center Library since May 1979. She checks books in and out, shelves returned materials, and helps keep the

shelves orderly. Should any complaints or problems arise, patrons are encouraged to discuss them with the administrative librarian. If they have ideas or suggestions they think would benefit library users as a whole, the library staff would like to know about them

A suggestion box has been made available and those using it are asked to please be

specific in their requests. Because of budgetary limits all requests cannot be filled immediately. However, unfilled requests are filed for future con-

- Photo by PHAN Douglas Matthews Readers are reminded that all employees, regardless of residence, are eligible and encouraged to use the library. The hours

are 12 noon to 8 p.m., seven days a week. OOPS! we slipped

The ROCKETEER inadvertantly sent Jack Brown from the Ground Operations Branch of the Range Department back to college last week.

He was identified in a picture taken of the rocket launched by University of Redlands students as a student instead of the range engineer in charge of the test.

The ROCKETEER hopes its error has not caused embarrassment for the youthful-

Promotional Opportunities

(Continued from Page 2)

Construction Representative, GS-809-9, PD No. 7926057. Code 262 — This is a temporary position not to exceed one year. This position is located in the Contracts Division, Public Works Department. The incumbent assigned under the cognizances of the WESTDIVNAVFAC Supervisory information can be obtained by calling NWC performs surveillance and inspection work on construction contracts between the Navy and private individuals, corporations or partnerships, or other contracts subject to administration by NAVFAC. The incumbent reviews project plans and specifications prior to contract ad sement, attends prebid and preconstruction con ferences to discuss principal construction features and requirements; coordinates construction operations with ontractors, Center personnel and Public Works Officer. The incumbent observes and investigates construction at all stages. Job Relevant Criteria: Knowledge of construction practices and methods; knowledge of contract administration; knowledge of construction management; ability to deal effectively with a variety of personnel

File applications for the above with Linda Long, Bldg. 34, Rm. 210, Ph. 2032. Administrative Officer, GS-341-7/9/11, PD No. 8031054, Code 311 — This position is located in the newly established

Avionic Facilities Division of the Systems Development Department. Incumbent will provide administrative support to aircraft program simulation/integration facilities which develop, test and evaluate tactical software and respond to Fleet and NAVAIR requirements. Job Relevant Criteria: Knowledge of a wide variety of administrative functions including personnel, contracts supply, facilities planning, space, plant account, collateral equipment, surplus equipment, security; knowledge of the NWC budgetary process; ability to maintain effective and cooperative work relationships with all levels of personnel; ability to write and communicate effectively.

The Red Devils tied the game at 1-1 on a Code 3104 — This position is located in the A-6 Weapons System Support Activity. Incumbent will devise management procedures and reporting methods to meet NAVAIR and NWC requirements, will provide services to the program regarding space, facilities, procurements and equipment, and will provide assistance in the preparation

review. Job Relevant Criteria: Knowledge of administrative requirements of a program office; knowledge of a variety of administrative functions such as budget, personnel, contracts, supply, facilities planning, space, plant account, collateral equipment, surplus equipment, security; ability to exercise judgement and maintain a sponsor and contractor personnel; knowledge of Navy budgetary process.

File applications for the above with Pat Gaunt, Bldg. 34,

Rm. 212, Ph. 2514. Secretary (Typing), GS-318-5, PD No. 7736048N, Code 366 This position is located in the Fleet Engineering Division, Engineering Department, Incumbent is secretary to the head of the division and gives secretarial support to the division. Includes reviewing incoming correspondence and taking proper action; i.e. getting signatures, returning for corrections, informing affected personnel, etc., performing final review of all electronic messages and travel packages for conformance to regulations; collecting and disseminating information; ving and screening office and telephone callers; keeping supervisors calendar; receiving and controlling classified material; making travel arrangements heduling conferences; typing, filing, etc. Job Relevant Criteria: Ability to type accurately and efficiently; ability to coordinate clerical staff; knowledge of clerical functions and office procedures; ability to deal with personnel of all

municate effectively both orally and in writing. File applications for the above with Marge Stanton, Bldg.

Interdisciplinary Position (Electronics Engineer Aerospace Engineer, General Engineer, Physicist) GS-855, 861, 801, 1310-12/13, PD No. 8039023E, Code 39063 — The bent of this position is Systems Engineer, Anti-Submarine Warfare Standoff Weapon (ASW/SOW) Program Office, Systems Prototyping Office, Weapons Department. The ASW/SOW Program Office is Associate Technical Direction Agent for NAVSEA for concept formulation, demonstration and validation, and full scale engineering development of the ASW Standoff Weapon. The incumbent provides technical and managerial support in planning and direction on all aspects of weapon

development including, but not limited to guidance and control, aerodynamics, airframe, warhead and propulsion to the program manager. Reviews proposals submitted by private contractual firms and participates in contractor selection. Monitors contractor performance and reports on dination and liaison with NAVSEA, other Naval activities and contractors. Frequent travel is necessary. Job Relevant Criteria: Practical experience and thorough technical background in systems performance analysis for guided missile systems development; progressively increased responsibility in technical program management; ability to coordinate efforts of various government and contractor function groups; ability to evaluate complicated technical plans leading to hardware development File applications for the above with Kitty Berry, Bldg. 34,

Food Service Worker, NA-7408-1, \$3.10 per hour plu benefits, permanent, full-time, Chief Petty Officers' Mess (Open). This is not a Civil Service position. Incumbent performs the following duties: Removes bus trays from dining room as needed; keeps silverware and chinaware clean at all times; keeps pots and pans clean as necessary; keeps kitchen area and food preparation area clean at al ditives are in machine at all times; sweeps and scrubs deck and insures all dishware, silverware, pots and pans and other related equipment are in proper place prior to end of shift each night; helps set up ballroom for special parties. Qualification Requirements: Basic knowledge of operation of dishwasher; able to follow simple directions; able to

Laborer (BOQ), NA-3502-01, \$3.10 per hour plus benefits permanent, part-time, Bachelor Officers Quarters. This is not a Civil Service position. Incumbent will maintain th cleanliness of all spaces assigned to the BOQ. This includes vacuuming carpets, changing linen, providing clean towels, maintaining restroom and shower facilities. dusting, and other housekeeping duties as appropriate. Qualification Requirements: Able to follow simple oral nstructions; to move around well enough to work safely to lift and move light to medium weight objects (10-30

Apply for the above with Bettye Cheatam, Special Services, Bldg. 21, Ph. 3387.

nwc rocketeer **SPORTS**

Recreation Roundup

China Lake Tennis Club slates first tourney of year

A doubles mixer, the first tennis tournament of the year, will be held tomorrow by the China Lake Tennis Club.

Starting time is 8 a.m. for this event, which will be played at the tennis courts adjacent to the Center gym.

There is an entry fee of \$1 per player that can be paid to any of the following officers of the China Lake Tennis Club - Morris Scharff, Sandi Graves, Virginia Wirtz, Ken Grant, Terry Moore or Bob Forrester. DEADLINE EXTENDED

The deadline to pay fees for entering a team in the China Lake Intramural Softball League spring / summer season has been extended to Monday, April 14.

During the coming season, which will begin on May 5, there will be a men's fast pitch division, a military men's slow pitch division, a men's open slow pitch division, and separate divisions for women's fast pitch and slow pitch softball teams.

The entry fees vary for each division in the Intramural Softball League. This information can be obtained by calling the Recreation Coordination Office at NWC ext.

PISTOL TEAM TRYOUTS

Military personnel interested in pistol marksmanship competition are invited to try out for places on a six-member team that will represent the Naval Weapons Center in the 11th Naval District championship pistol matches that will be held this summer in San Diego.

Tryouts, which will take place at the NWC police pistol range; have been scheduled at noon on Tuesday and at 4 p.m. on Wednesday, April 16. All active duty military and active reserve personnel assigned to duty at NWC or its tenant activities are eligible for membership on the pistol team.

Prospective members of the team will fire .22 and .45 caliber handguns, and match-conditioned handguns and ammunition will be provided. Selection for membership on the team will be based solely on marksmanship ability.

Harold Pheeny, who can be contacted for Defensive standouts in this game were additional information by calling NWC ext. Mathew Carroz, goalie for the Cobras, and 3626. He will be assisted by Jeff Mattick, a Craig McGavan of the Eagles. chief petty officer in the Naval Reserve, as (Continued on Page 7)

NWC team to vie in MDISL bowling event at George AFB

A six-man team representing the Naval Weapons Center will compete today and tomorrow in the Mojave Desert Interservice League (MDISL) bowling tournament that will be held at George Air Force Base near Victorville.

Singles and doubles competition is slated this evening, and the tourney will wind up with team events tomorrow.

bowling matches at George AFB are Bill Esch, Ben Perez, John Therning, Thad Brightwell, Dave Stein, and Roger Del

On Sunday these six men will be joined by Ken Dalpiaz and Ernie Lanterman to participate in the monthly MDISL traveling team competition that also will be held at George AFB.

McIntosh sets military basketball world afire

assigned to duty at the Armitage Airfield Cold Line, returned here last week following camp at Corpus Christi, Tex., and ended

Skip McIntosh, a Navy enlisted man with him playing in AAU competition as a member of an interservice hoop squad.

McIntosh, who was a standout player on a two-month absence that began with him the NWC varsity basketball team this past attending the Navy basketball training season, was a starter at a guard position for the all-Navy basketball team.



ALL-STAR BASKETBALL PLAYER — Skip McIntosh returned to China Lake with a lot of mementos of his participation on the 1980 all-Navy basketball team, as well as on the Armed Forces all-star hoop squad. In addition to two trophies and a certificate in the foreground, there are a number of photos, including one team picture. McIntosh is wearing his interservice team sweat suit and cap, and displaying a medal (hung from a ribbon around his neck) that he received for his stellar efforts on the basketball court. He was congratulated here this week by both Capt. William B. Haff, NWC Commander, and AEC John Smith, of VX-5, coach of the NWC Varsity basketball team.

The 6 ft., 190 lb. team playmaker and "quarterback" started the fast break and kept the offense going for the all-Navy team, whose performance was highlighted by a five-game sweep of the western AAU tournament held in San Antonio, Tex.

April 11, 1980

In that tourney, McIntosh averaged 18 points and was credited with 9 assists per game. At the conclusion of the tournament, the local Navy man was singled out as the "most valuable player" and also garnered a trophy awarded to the best small player in this event.

Other starters on this year's all-Navy team, which was reported to be one of the best such squads in years, were forwards Kevin Sinnett from Corpus Christi and Hank Kuzma, now in Hawaii, and Harold Garner, who was McIntosh' backcourt partner at guard.

From this group, three Navy men (including McIntosh) were chosen for an interservice basketball team that vied later in a series of games against AAU teams in Montgomery and Tuscalloosa, Ala., and also in Jacksonville, St. Augustine and Tampa Bay, Fla. The inter-service squad played and won all 10 of its games, McIntosh stated.

As a result of his participation in this competition, McIntosh received scholarship offers from colleges and universities on the West Coast and in the mid-west.

With three more years to go on his current enlistment in the Navy, McIntosh is looking forward to being an all-Navy basketball player through the 1983 season and, if he decides against re-enlisting in the Navy, will go on to play college basketball at that time.

Closer at hand may also be the opportunity to compete as a member of an inter-service basketball team later this year during the Pan-American Games that are to be held in South America.

Windstorm fails to halt youth soccer contests

Despite a howling wind that led to some bizarre play and contributed to lopsided scores, another 14-game slate of China Lake Youth Soccer League games was played last Saturday. Easter vacation travel also cut into the number of players available to participate on a few of the teams.

In the Pacific Division (for 1st and 2nd grade players) the Cobras stunned the Eagles, 2-1; the Sockers edged the Chiefs 1-0, and the Earthquake, Fury and Sunshine all posted wins by identical scores of 2-0 over the Express, Rowdies and Apollos,

In the first match of the day, Seth LaBorde tallied twice and his two goals were enough to give the Cobras a 2-1 margin of victory over the Eagles. The single goal for the Eagles was scored by Mat Hauser, Captain of the NWC team will be LCdr. with an assist from Lance Kilpatrick.

> Steve Curran booted the only goal in the Sockers' 1-0 win over the Chiefs. The tally came on an assist by Matt Duncan, but was almost blocked by the Chiefs' goalie. Top defensive players in this low scoring game were Mike Ridenour and David Gaska, for the Chiefs, and Mark Frisbee and Paul Lajeunesse, of the Sockers.

Jeremy Osburn capitalized on an assist from Jacob Albert to score the first goal for the Earthquakes in their 2-0 win over the Express. An extra goal for insurance was then added by Brian Brady, who scored following a corner kick by Albert. Good play by the Express goalie stymied several other scoring attempts by the Earthquakes.

In the fast-paced game between the Fury China Lakers who will take part in the and Rowdies, Armando Valdevia gave the Fury a 1-0 lead on a goal he scored with an assist by Nolan Brown. Peter Martinez then made it a 2-0 win for the Fury by putting the ball into the net unassisted in the second half. Singled out for their play on defense for the Rowdies were Jeff Hannon and goalie Ricky Holmes, while Joe Nelson and Hillary Smith were tops on defense for the Fury.

assist by Scott Arts) to lead the Sunshine to the winners was Patty Hudson. a 2-0 win over the Apollos. Both goals were tallied in the first half when the Sunshine team had the wind to its back. Only eight players showed up for the Apollos, which weakened their game.

Scores of games played in the American Division (3rd and 4th grade players) were Flores and Craig Rindt boosted the Sting to Aztecs 3, Lancers 1; Drillers 4, Hurricane 2; a 5-2 win over the Cosmos. Pat Doud and Rogues 1, Strikers 0; Sting 5, Cosmos 2; and Timbers 4, Blizzards 0.

The Aztecs, a new team this season, showed that they are quickly learning the game of soccer by surprising the Lancers, 3- Timbers over the Blizzards. Two goals by 1. A first half goal by John Bass and two Mathew Ziegler and single tallies by Jason goals by Darren Smith in the second half Aztecs. The lone tally for the Lancers came from David Lowham and Greg Wetzil. on the efforts of Brian Lindsey. Mike In three afternoon games played at sparkled on defense for the victors in this

The Hurricane squad, short three players, couldn't match the 4-goal scoring effort of the Drillers and came out on the low end of a 4-2 final score. Goals for the Drillers were tallied by Greg Boske, David Tetmeyer and

China Lake Intramural Volleyball League Standings as of April 4 Team Won Lost Open A Division Doggie Daddies Hard Liquors Jungle Ballers Non-Dairy Creamers Open B Division **Pioneers** Code 258 Code 254 Coed A Division Fore Pause Nice Sets Six Sets Browns Coed B Division Thumpers & Bumpers The Volleys Uncle Dave's Hoods

Ernesto Tatunay tallied twice (once on an Steve Dargo. The top player on defense for

Wayne Shadd got the only goal of the contest in the Rogues' 1-0 win over the Strikers, who were led on defense by Craig Stiner and Richard Frageman.

Two goals by Richard Flores, combined with one goal each by Todd Stephens, Dan Scott Hamilton were the goal scorers in a losing effort for the Cosmos, who got help moving the ball goalward from Jim Kight.

An impressive 4-0 win was posted by the Okamoto and Joe Lloyd turned the trick for accounted for all of the scoring for the the Timbers, who also got help on offense

Kartchner turned in a fine game on offense Davidove Field by National Division teams for the Aztecs, while his teammates Rhonda (for 5th and 6th graders) the Tornadoes Davis, Greg Burnes and Branch Peterson slipped past the Roughnecks, 1-0; the Kicks edged the Whitecaps, 4-3, and the Sounders trounced the Surf 6-0.

> An early goal by Kevin Featherston was the only score in the Tornadoes' 1-0 victory over the Roughnecks. After that, the Tornadoes fought off the efforts of Harry Bottka to put the ball into the net for the Roughnecks and emerged with the win.

> Using the wind to advantage, Paul Grenier and Scott Piri scored three times for the Kicks in the first half of their game with the Whitecaps. In the second half, however, the Whitecaps had the benefit of the wind and racked up three goals of their own - thanks to the efforts of Eric Frisbee and Matt Miller. The contest might have ended in a 3-3 deadlock had it not been for a game-winning goal by Piri for the Kicks in the second half that gave his team a 4-3

After scoring just once in the first half, a 5-goal effort in the second half of their game with the Surf enabled the Sounders to romp to a 6-0 win in the last of three National Division games played last Saturday. The victors were led on offense by Scott Oliver,

(Continued on Page 7)



WELCOME ABOARD - Capt. William B. Haff, NWC Commander, welcomes Congressman Aspin upon his arrival at Armitage Airfield for a brief visit Tuesday - Photos by Ron Allen

Community interest behind bids for election to council

Brenda Burnett, head of a budget branch in the NWC Office of Finance and Management, was elected to serve on the Ridgecrest City Council in last Tuesday's election, and, at press time for the ROCKETEER, Ron Cheshire, a quality assurance specialist in the Fuse and Sensors Department, was tied with current councilman LaVerne Smith for the third City Council seat. Also elected was Anna Marie Bergens, a local realtor.

Although full-time Center employees, Mrs. Burnett and Cheshire have volunteered their time and efforts to serve in city government because they feel that they can assist in making the community a better place in which to reside.

Mrs. Burnett's decision to make the long term committment that running for city office implies was fairly recent; she and her lusband, Dan, planned to become more involved with local community affairs when they moved into Ridgecrest after returning from a stint in Washington.

She felt that her background in financial management would be of use to the city because no other council member has a budget background.

Prior to running she discussed with current council members and with others in city government just what the issues affecting Ridgecrest currently are, and what the council is empowered to do.

Cheshire, who had run for City Council in mental Organization Committee a prior election, decided to run again because he felt that it is a responsibility of all citizens to do all they can in order to make the city the best possible place for all ts residents and in which to raise children.

Tom Dodson, NWC Environmental Protection Officer in the Public Works He adds that this may sound a little Department, testified at the committee "corney," but that it is sincerely the way nearing as a witness for Senator Walter that he feels. Stiern and Assemblyman Phil Wyman, co-Serving in city government, he believes,

is a way of giving of oneself to the comauthors of the bill. munity. The more that each individual Also present to hear testimony was Dr. Pierre St.-Amand, head of the Earth and person is involved with the community, the better is the communication between city Planetary Sciences Division in the hall and its citizens. Research Department, who represents the Center on the Owens Dry Lake Task Force.

The tie between Cheshire and Smith can be resolved in either of two ways, according to City Clerk Jackie Reed. Either of the seek funding to investigate methods to candidates may ask for (and pay for) a control and manage the dust source because recount to determine that the ballots were of the effect that the air-borne dust has had counted correctly, or they can draw lots to on the health of Center employees, and the determine which will serve as councilman. reduced visibility has had on range test

Congressman visits NWC . . .

(Continued from Page 1)

the 9M version, and was concluded by more detail about the 9M model, which is now in its initial operational test and evaluation

NWC's responsibilities for the Sidewinder 9M include design, development, and

Continuing on to the Sparrow missile laboratory, Congressman Aspin was given an update on the Sparrow AIM-7F production program and the AIM-7M NWC Weapons Department. He was then of air-to-air missiles. shown missile hardware and test facilities. NOW IN FULL SCALE PRODUCTION

The Sparrow AIM-7F is now in full scale production under contracts awarded to General Dynamics and the Raytheon Co. The Sparrow AIM / RIM 7-M is presently in the contractor test and evaluation stage with support from NWC.

Still in Michelson Laboratory, Congressman Aspin looked over work space in Wing 2 where he was shown some of the hardware and test equipment for the DSU-28 / B Target Detecting Device that is being developed for use in the AIM-54C Phoenix

A report on this effort was given by Clyde Lebsock, who is the Phoenix Ordnance Components Technical Manager with NWC's Fuze and Sensors Department. The aim of this program, Lebsock noted, is higher reliability and improvements

The Center itself committed about \$75,000

at the beginning of this fiscal year to

develop solutions for controlling or

managing fugitive dust emissions from the

Dr. St.-Amand, Dr. Larry Mathews and

Glen Roquemore from his division, and

Dodson have been heavily involved in

studying the lake bed and wind erosion

processes. They and other task force

members have also been studying dust

Navy and other task force members is

needed to define the most effective

management techniques. The money ap-

propriated, if the bill passes both the Senate

Finance Committee and the full Senate.

Senate Finance Committe hearings on the

bill are expected to occur shortly, with

Dodson again expected to testify in favor of

Additional funding beyond that from the

dry lake bed.

management methods.

would provide this funding.

MISSILE COMPONENTS EXAMINED - A breakaway model of the Sparrow

AIM-7F is used by Mark Stenger to describe the operation of this missile to

Congressman Aspin. Viewing the display in background is William B. Porter, head

Money sought for dust control

study, test at Owens dry lake

of the NWC Weapons Department.

A major step was taken Tuesday in the

effort to control fugitive dust from Owens

unanimously voted to pass on to the Senate

Finance Committee a bill to appropriate

\$250,000 for a dust-control study and test

Efforts were initiated in 1977 by NWC to

dry lake bed when the Senate Govern-

designed to meet the wider threat encounter spectrum of the 1990s. Next in the series of briefings for

Congressman Aspin was a presentation by Don W. Cooper, head of the Electronics Branch in the Weapons Department's Electro-optics Division, who is a cochairman of the Pave Prism Steering

This program (Pave Prism) was launched to determine if anyone in government or industry had a missile seeker that could development program by Mark Stenger, meet the operational requirements of the head of the Sparrow Program Office in the Navy and Air Force for the next generation

> In connection with Pave Prism, Cooper stated, the largest side-by-side testing of seekers (ground to air) that has ever been done has been carried out at NWC.

Pave Prism is a combined effort by the Navy, Air Force and industry to design a test that is cost effective. What has evolved is test system instrumentation that can determine with a high degree of accuracy when target acquisition by the missile

LESS COSTLY TESTS POSSIBLE

With this instrumentation, ground-to-air tests that are much less costly than an airto-air tests can be conducted as often as

Before leaving the Naval Weapons Center, the visiting Congressman also heard from Tom Hamilton about the Advanced Intercept Air-to-Air Missile (AIAAM), and from Gerald Schiefer about the High Speed Anti-radiation Missile

Hamilton, who is the AIAAM program manager in the NWC Weapons Department, reported that the Center is working with industry to develop the technology base for the AIAAM, which is planned as a follow-on weapon to the Phoenix missile.

TECHNOLOGY TRADE-OFF PHASE

AIAAM is not yet a weapon development program, but is in a technology trade-off phase, and the Center is supporting the Naval Air Systems Command with technology efforts.

HARM is an anti-radiation missile that can home in on either land or shipboard radars. At the present time, Schiefer stated, NWC is responsible for a number of items of government-furnished equipment, and for monitoring the prime contractor, Texas Instruments, the firm that is responsible for test and evaluation of HARM.

Schiefer, who heads the NWC Electronic Warfare Department, also commented briefly on the general scope of on-going efforts in connection with the HARM

Roads, driveways in housing area to be resurfaced

residential housing area north of Blandy Ave. are scheduled to be slurry sealed starting next week.

and must fully cure or dry before driveways and roads can be used by children, pets, bicycles or larger

A tack coat of asphalt emulsion is applied before the slurry seal; this coat remains somewhat sticky until the actual slurry is applied so residents are asked to stay off driveways immediately after the initial coat is ap-

In case slurry seal or tack coat get on vehicles or clothing, petroleum base solvents should remove either coating. Dry cleaning is recommended for clothing.

Center residents about 48 hrs. in advance of work to be done so that all vehicles parked on streets and in driveways may be removed before the

Driveways and roads in the

Slurry seal resurfacer is applied wet

A notice will be put In the doors of work is scheduled to begin.

Man-portable laser tested . . .

(Continued from Page 1)

Marines also learned the steps to follow in decontaminating the equipment itself.

Both the human factors and decontamination tests, which were held in the rear of Lauritsen Laboratory, were highly successful, according to Del Dobberpuhl, a physicist in the Laser Systems Branch (Code 3151) of the Systems Development Department, who is the NWC test director for the MULE.

During the three weeks they were at China Lake, half of the Marines sent here from Camp Pendleton engaged in target location and discrimination tests using the MULE at the Joshua Ridge facility in the Coso Mts.

The Marines also engaged in night compatibility testing from the roof of Lauritsen Laboratory using a night sight developed by the Night Vision and Electrooptics Laboratory in Fort Belvoir, Va. John Palmer, an employee of the Army, was here to provide instruction on the use of the night sight to identify targets and to make sure that the MULE was used properly with the night sight.

In addition, the MULE demonstrated compatibility with the Digital Communications Terminal (DCT), a device by which information can be automatically transferred without voice communication directly to an artillery fire control center. The DCT automatically sends information on azimuth, range and elevation of the command, the MULE designates the target the electro-optical test range at Joshua for laser guided artillery or laser guided

An advantage of using the DCT is that its radio operator, and it is more difficult to "jam" this type of radio transmission than is the case with voice transmission of radio

communications. A further advantage in automation is reduced likelihood of human

ROCKETEER

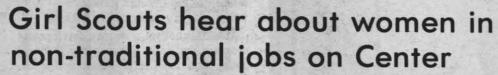
Assistance in evaluating the ability of the Marines to operate the MULE while wearing bulky, protective clothing, was provided by Jim Torre, from the Human Engineering Laboratory, Aberdeen Proving Ground, Mayland, and Marine Gy/Sgt. George Krause, from the Marine Corps Logistics Base in Albany, Ga., was on hand to handle upkeep and maintenance of the

Among observers of tests of the MULE conducted here were Maj. Dick Rodriguez, USMC, the Marine Corps' director of the operational testing; Capt. Dennis Morga, USMC, development project officer from the Marine Corps Development and Education Command at Quantico, Va.; and 1st Lt. Leonard J. Fitzgibbons, USMC a survey/metro officer. Maj. William Vacca, of the Marine Corps Liaison Office at NWC. worked on coordinating the Marine Corps participation in this project.

In addition to Dobberpuhl, NWC personnel from Code 3151 involved in the development testing of the MULE that is being done by the Center for the Marine Corps are:

Ed Teppo, who heads the Laser Systems Branch (Code 3151); Ted Bergman, the north finding module project engineer; Joe Nissley, an electro-optical engineer who is measuring the system parameters; and Bill

Another of the interested observers was Tony Voorhies, technical field represenmessage can't be intercepted by an enemy tative for the Hughes Aircraft Co., the firm that developed the laser designator/ rangefinder and the stabilized tracking tripod module of MULE.



Scouts of America, last Friday were welcomed on board the Naval Weapons Center by Belle Hervey, NWC Federal Women's Program Coordinator, and members of the Federal Women's Program (FWP) Committee.

The Girl Scouts, led by Mrs. Rosalie McChesney, were here to meet a trio of employees who hold non-traditional jobs for women at NWC.

Arrangements were made by Ms. Hervey for the Girl Scouts to meet and talk with Lisa Freeman, a research chemist in the Ordnance Systems Department's Advanced Technology Division; Susan Cragin, a mechanical engineering technician in Code 32's Conventional Weapons Division; and Barbara Slates, a technical librarian in the Reference and Circulation Branch of the Technical Information Department's Library Division.

The girls were met in the Personnel

Six members of Cadette Troop 206, Girl Building by Ms. Hervey and Gene Schneider, of the FWP Committee, and escorted from there to Lauritsen Laboratory for their discussions with Ms. Freeman and Ms. Cragin.

After a tour of Lauritsen Laboratory, they met with Ms. Slates in the Technical

The Girl Scouts were interested in what each of the women's jobs entailed, what kind of education was needed, what made the women choose their particular fields of endeavor, and what kind of support they had received from family and friends while seeking to realize their career goals.

All three of the women employees who were visited had prepared a brief demonstration using the tools of their profession, and, following it, were open to questions from their young visitors.

The members of Cadette Troop 206 who took part in this activity were Lori Beardslee, Amy Bechtel, Stacy Glover, Rochelle Kinnich, Patty McChesney and Dora Lopez.



LEARNING EXPERIENCE-Lisa Freeman (standing, at right) holds the attention of members of Girl Scout Cadette Troop 206 as she outlines various facets of her work as a research chemist in the NWC Ordnance Systems Department. Others standing are Gene Schneider (at left), a member of the Federal Women's Program Committee, and Rosalie McChesney, scout troop leader. The girls seated at right are (I.-r.) Rochelle Kinnich, Dora Lopez and Lori Beardslee.



ON TARGET — The MULE, shown being operated by two Marines from Camp Pendleton, can be used either to determine the range to a target, or for pinpointing a target for laser-guided artillery shells, bombs or missiles. — Photo by Joe Dunn

target to the fire control center where, on Cope, an electronics technician who runs Rules on solicitation on ships, shore establishments outlined

WASHINGTON (NES) ... Every day we are bombarded by commercial solicitations for our hard-earned dollars. All too often, what is received for those dollars proves to be a disappointment. Consequently, the Secretary of the Navy has limited solicitation on naval ships and installations.

Solicitation is defined as "a seeking to obtain something from another." No person has an absolute right to enter a naval ship or installation for commercial solicitation. Instead, solicitations must be authorized by the ship or installation commander, to be conducted in such locations and at such hours as designated by that official.

Approved solicitation must be made by appointment only and at the invitation of the service member. All agents must be licensed under applicable federal, state or municipal laws and must comply with local command regulations before they are permitted to solicit.

PROHIBITED PRACTICES

Certain solicitation practices are expressly prohibited. A sales pitch may not be made to a mass or captive audience such as recruits, trainees or other personnel on board a ship or installation.

Solicitation cannot be done without appointment in transient personnel quarters or barracks areas. Retired or reserve members of the armed forces may not use official identification cards to gain access to military installations to solicit.

Solicitors may not enter any unauthorized or restricted areas; make appointments with personnel who are on duty; offer unfair, improper or deceptive inducements to purchase; use any fraudulent, deceptive or manipulative device (including misleading advertising); or, make any oral or written representations suggesting that the product offered is sponsored or endorsed by the Navy or Department of Defense. The penalty for failure to comply with these regulations is the denial of solicitation privileges on board government in-

INSURANCE SOLICITORS

Agents for insurance solicitations are subject to some additional limitations. Military members and Department of Defense (DoD) civilian employees may not engage in any solicitation of insurance sales to personnel on a military installation. An insurance agent may not participate in any military-sponsored education or orientation

program (with the limited exception of agents of non-profit military associations receiving prior approval of the Commander, Naval Military Personnel Com-

Commands may not designate insurance agents as "unit insurance adviser." "SGLI consultant" or "battalion insurance commander." Agents may not be assigned office or desk space other than to conduct a specific pre-arranged appointment. They may not display signs announcing their names or company affiliations or distribute literature to anyone other than the person being interviewed. Finally, commands may not use plans of the day or other notices to announce the presence or availability of an insurance agent.

OFF-DUTY SOLICITING

One particular prohibition is of vital interest to military personnel or civilian government employees who work for private concerns in their off-duty hours. Military members are expressly prohibited from making personal commercial solicitations or sales to DoD personnel who are equal or junior in rank to themselves. Civilian employees may not make solicitations to individuals under their a one-time sale of personal property or the sale of a privately-owned dwelling. This prohibition encompasses all solicitations made at any place - on or off base - and at any time, on or off duty. Military personnel who disregard this rule may be punished for violating a general order under the Uniform Code of Military Justice.

The Navy's policy is designed to minimize exposure of its members to improper or unwanted solicitation, particularly while on the job on board a ship or station. All DoD personnel have a duty not only to obey the applicable regulations, but also to bring any suspected violation to the attention of their commanding officer, officer in charge or supervisor for appropriate action. (By LCdr. Thomas R. Randall, JAGC, USN, Navy Legal Service Office, Norfolk.)



Happenings around NWC

Public Works Department building on ext. 2634. Byrnes St.

ROCKETEER

conventional energy sources, energy 4p.m. The workshops are open to everyone. economics and policy, fuel cell technology, energy conservation and storage systems, and ocean thermal gradients and waves.

An especially good collection of documents is available dealing with solar and geothermal technologies and other alternate energy sources.

Documents deal with commercial, industrial, and residential facilities; individuals who are trying to improve energy use in their own home are welcome to use the collection, in addition to those who are planning a work-related or educational use.

Museum Program

The Maturango Museum has announced a most appropriate program for the spring season - Dr. Bob Berry will present a slide program on desert wildflowers on Wednesday, April 16, at the Burroughs High School lecture center. The free program will begin at 7:30 p.m.

The program on whales previously scheduled for the same evening has been cancelled; anyone who had already purchased a ticket can get a refund by presenting the ticket at the museum any afternoon between 2 and 5 p.m.

Secretaries' Day

Centerites who are interested in attending the Secretaries' Day Awards luncheon, sponsored by the Federal Womens Program (FWP) on Wednesday, April 16, are asked to make their reservations by close of business Monday. The luncheon will be held at the Commissioned Officers' Mess from 11:30 to 1:30 p.m.

Capt. Louis Aldana, NWC Vice Commander, will speak on "The Value of Secretaries to the Center," and present the

Secretary of the Year awards.

More than a thousand reports and books Secretaries' Day luncheon are chef salad at are now available in the Energy Library \$3.35 per person or oven roasted chicken at established in the NWC Energy Program \$3.40 per person. Reservations may be Office located on the second floor of the made by calling Eloise Burklund at NWC

Special workshops, presented by Helen Anyone on the Center who is interested in Reynolds, a management consultant, will energy is welcome to use the library and to be held next Wednesday at Cactus Hall in check out the reports and books available. the Community Center. The first workshop, Items are all cataloged by author, title and Time Management for Secretaries, will be subject for the convenience of researchers. held from 8 to 11 a.m., and the second one, Materials cover such diverse topics as Effective Office Management, from 1:30 to

Benefit Musical

Three of the Starshine Singers accompanied by a combo will present four performances of family oriented music with all proceeds to go to benefit Sunshine House.

The performances will be held in the Community Center at 8:15 p.m. on Friday and Saturday, April 18 and 19, and on April 25 and 26. Community Center doors will open each night at 7:30.

General admission tickets are \$2, and \$1.50 for students, enlisted military personnel, children and senior citizens. Tickets may be purchased in advance from members of the cast, from Sunshine House, or at the door.

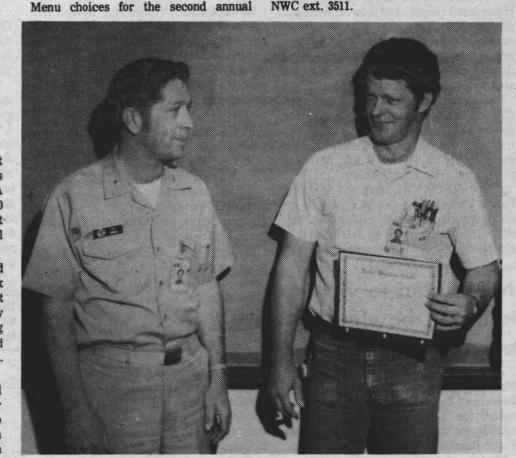
Starshine singers Elena Vitale, Cynthia Harris and Reno Venturi will be accompanied by a combo consisting of Mike Bass, drums; Bill Stader, bass; and Tammy Butler on the piano. The music will range from songs of the '50s to Academy Award winners to pop music of all sorts.

Armed Forces Day...

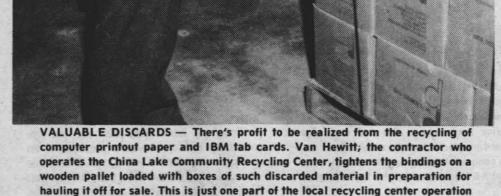
(Continued from Page 1)

wish to sell food and beverages at the airfield. Food might be as standard as baked goods, hot dogs and hamburgers, or might be more exotic. Beverages can include the standard soft drinks, coffee, iced tea, and beer. Representatives of organizations who wish to sell food or drink should contact Lt. Bob Boyd, 446-2586, promptly.

Some additional static displays and demonstrations are also being sought for Hangar 3 at the airfield. Those who wish display space are asked to contact the Public Affairs Office, Code 003, by calling NWC ext. 3511.



ENERGY-SAVING IDEA — Ronald E. Britz, an air conditioning equipment mechanic in the Electrical and HVAC Branch of the Public Works Department's Maintenance-Utilities Division, was the recent recipient of a Beneficial Suggestion award in the amount of \$130 that was presented by Cdr. D. A. Ringel, assistant Public Works Officer. Britz suggested that a chilled water heat interchanger be installed in the air conditioning equipment room in the basement of Michelson Laboratory to chill the water used in film processing by personnel of the Technical Information Department's Applied Photography Branch, Britz proposed that the heat interchanger replace the four 20-ton water chilier units now being used. Two of the 20-ton units could be retained, he suggested, for emergency backup in case of failure of the central system and, by proper controlling, could be used in emergencies when the central cooling system was out of operation during the time that repair work is necesary. -Photo by PHAA Alan Emery



that is beginning its third year. Recycling center starts 3rd yr. of successful operation at NWC

The China Lake Community Recycling Only glass jars, bottles and other glass more aware of the payoff in energy savings at the recycling center. and benefits to be gained from the re-use of natural resources that recycling of certain types of materials makes possible.

The local recycling center, located on S. Richmond Road at Santee Street, is retained by the ESB recreation fund for use jars to the recycling center. funding programs and projects that will OLD NEWSPAPERS TOP LIST benefit the local area.

At the present time, the recycling center is handling an average of 130 tons of glass, and 12 tons of aluming **SUPPORT APPRECIATED**

Business has been good, and appreciation founder with Jud Smith of the recycling center, who extended his thanks on behalf of

individuals and groups are encouraged to bring to the recycling center on Saturdays etween the hours of 8:30 a.m. and 1 p.m.

Local area residents who do not have an NWC pass can obtain a temporary pass at the south gate that will enable them to get to the recycling center, where they will be paid 30 cents per pound for clean, mashed aluminum cans that are ready for the shredder at the recycling center.

From an energy standpoint, salvaging aluminum cans is especially important, since making new aluminum from raw material requires large amounts of elec-

donate glass bottles and other all glass items to the recycling center. The current from some NWC contractors whose going price for it is \$14 per ton.

Center, now beginning its third year of containers should be dropped into the glass operation, is steadily picking up momentum recycling pit, and they should be reasonably as the general public becomes more and clean in order to avoid a sanitation problem

> No paper, pyrex, mirrors, plastics, ceramics or vehicle windshields should be tossed into the recycling pit.

A dumpster is located near the pit to operated for the Employees Services Board provide a convenient place for residents to (ESB) by a contractor, Van Hewitt of leave paper sacks or cardboard boxes that Yucaipa, and a percentage of the profits is have been used to carry glass bottles and

Old newspapers make up the largest volume of materials slated for re-use that is handled at the local recycling center. A newsprint a year, 50 tons of computer large van at the recycling center can hold 10 printout paper and IBM tab cards, 50 tons of tons (12 bales) of newspapers before it must be emptied to make way for additional

Newspaper should be either bundled and for this was expressed by Jim Fath, a co-tied with string or placed in a paper sack before being dropped off in the van, where it will be sorted and baled for shipment. Any cardboard or magazines tossed in along There has been a recent price increase in with the newspapers have to be separated the amount paid for aluminum cans that before the newspapers can be shipped out. COLLECTION POINTS SET UP

> There are now 30 collection points around NWC where the recycling center contractor is making regular stops to pick up newspapers and aluminum cans. Such collection points are located in Michelson Laboratory, the Administration Building, at the Technical Information Center, in the Public Works Department compound, the Earth and Planetary Sciences Building, at Armitage Airfield, the China Lake Pilot Plant, and at the Range Operations Building, for example.

In addition, the contractor also is making More local residents are encouraged to stops to gather IBM cards, computer printout and ledger paper on Center, as well as businesses are located in Ridgecrest.