ROCKETEER



GETTING READY - Marking prices on items that are being sold now in the White Elephant room at the WACOM Holiday Bazaar are Lynn Lee, Pauline Patterson, and Isabel Gaines of the Military Officers' Wives. The Japanese dolls shown are supposed to bring long life and happiness to their owner, and are expected to sell -Photo by PHAN Shelly Gambardello

Concert Association presents chamber music ensemble Wed.

"Ko-Kela," a talented chamber music ensemble, will be here next Wednesday evening to present the second program in the series of six concerts scheduled during the 1980-81 season by the Indian Wells Valley Concert Association.

Selections to be played during the concert, which will begin at 7:30 p.m. at the Center theater, include piano quartets by Mozart and Brahms, as well as a serenade for string trio by the Hungarian composer Ernst von Dohnanyi.

Plans announced for Christmas Ball at COM on Dec. 6

The Naval Weapons Center's first annual Christmas ball has been set for the evening of Saturday, Dec. 6, at the Commissioned Officers' Mess.

The evening will begin with a no-host social hour at 6:30, followed by a buffet dinner featuring prime rib of beef and wine, and champagne punch at 8 p.m.

An orchestra will provide music for dancing until 1 a.m.

Dress for the occasion is formal, with dinner dress blue jacket (dinner dress blue optional for lieutenant and below) for military and tuxedo or dark suit and bow tie for civilians.

The ball is open to all Center personnel who are eligible for COM membership, but because of limited seating, only those who have previously purchased tickets will be admitted. Tickets will go sale at the COM office starting Monday. Cost of the evening is \$15 per person.

Administrative ethics to be subject of ASPA talk

Those interested in administrative ethics and the role of the administrator are invited to attend a lunch meeting of the East Kern Chapter of the American Society for Public Administration on Friday, Nov. 21, at 11:30 a.m. at the Commissioned Officers Mess.

Dr. Terry L. Cooper, associate professor of Public Administration at the University other concerts during the 1980-81 season of Southern California, will talk on "The Responsible Administrator: Moral \$16.50 or \$14 for reserved seats, depending Imagination and the Administrative Role." Attending the lunch also will be

will conduct that afternoon.

Reservations are required for the lunch. salad at \$3.35.

"Ko-Kela," which is taken from the Sioux Indian Word "to make sound," was founded in the spring of 1977 by Myra Kestenbaum, principal violist of the Los Angeles Chamber Orchestra.

Like the founder of the group, its three other members also are respected soloists and chamber musicians. They have joined forces to perform a varied repertoire of piano quartet, trio, and duo selections.

William Doppmann, pianist of the quartet, has enjoyed a distinguished career that has included extensive tours in the United States and Europe.

Clayton Haslop, violinist, has been a member of the faculty at the Forest Meadows Center for the Arts and guest artist with San Francisco Chamber Soloists.

Cellist Peter Rejto is a former winner of the International Young Concert Artist Award in New York. Since that time he has appeared throughout the United States, performing with such orchestras as the Dallas and St. Louis Symphonies. He also is a frequent guest artist at summer festivals. In addition to next Wednesday night's performance at the Center theater, "Ko-Kela" will present a lecture-demonstration on chamber music at 3:15 that afternoon in

the Burroughs High School lecture center. Although intended primarily for instrumental students of all types and all levels, this hour-long program is open to the public without charge.

It is provided as an educational service by the Indian Wells Valley Concert Association, and is made possible by contributions to the Student Education Fund. Tickets to the Nov. 19 concert can be purchased in Ridgecrest at The Music Man, The Gift Mart, Medical Arts Pharmacy, the Center Pharmacy (located next to the Drummond Medical Clinic), and McNel's Fashions. They also are on sale on Center at the Maturango Museum.

Single-admission tickets are priced at \$5 each for general admission, and \$3 each for persons under 21 or over 65 years of age, as well as for enlisted military personnel.

Season tickets for this program and four also are available at a pro-rata price of upon their location in the theater. The reduced rates for those under 21, over 65, or registrants of a workshop that Dr. Cooper enlisted military, have been set at \$8.50 and \$7

Arrangements for obtaining tickets for They may be made by telephoning either the remainder of the 1980-81 season can be Mickey Strang or Beverly Becksvoort at made by calling the IWV · Concert NWC ext. 3354 by Wednesday, Nov. 19. Menu Association at 375-5600, or visiting the choices are Chicken Greco at \$3.50 or a chef theater box office, which opens at 4:45 p.m. next Wednesday.





buy unique, handmade, and unusual gifts at the Holiday Bazaar sponsored by the Women's Auxiliary of the Commissioned Officers' Mess. The bazaar opened at 10 a.m. today and will remain open until 8 tonight. It also will be open from 10 a.m. until 4 p.m. tomorrow.

On sale are such things as bazaar-type items made by members of the Desert Flowers Chapter No. 125 of the Military Wives of America, holiday home decorations made by the Burroughs Band Boosters, home-baked goodies sold by the Protestant Women of the Chapel, homemade candy sold by the Music Parents Club, and Maturango Museum lunch cook books sold in the museum booth. Christmas ornaments are on sale by the IWV Association for Retarded Citizens.

"A little bit of everything" will appear in the room manned by the Military Officers Wives Club as they again hold their White Elephant sale. They note that one person's white elephant is often another person's treasure.

Funds raised by the 21 participating organizations will be used for a range of philanthropic purposes, from student scholarships to support of foreign missions by church groups.

Santa Claus will be present to greet youngsters, and a photographer will be on hand to record Santa with the kids.

Shoppers can keep their strength up by stopping for refreshments in the tea room sponsored by WACOM, where they have a choice of homemade pie, cake and sandwiches.

Aetna agent to be at

Community Center Tues.

Naval Weapons Center employees enrolled in the Aetna Insurance health benefits plan will have an opportunity to meet with a representative of the company on Tuesday, from 11:30 a.m. to 3 p.m., at the Community Center.

Mrs. Carmen Ziegler, insurance company field representative, will be here to assist enrollees who are having problems with claims they have submitted, or have questions about the filing of claims.

Appointments to see Mrs. Ziegler can be made by calling Eileen Baird at NWC ext. 2592 or 2018.



Commissioned Officers' Mess A barbeque and a Polynesian night will be

the two special evenings of dining featured at the Commissioned Officers' Mess next week.

On Tuesday, a country platter of pork spareribs and chicken, baked beans, cornon-the-cob and hot biscuits with honey will be featured; while coconut chicken and Maui spareribs (served with Oahu fried rice and Kona vegetables) will be the main entrees on the Polynesian night menu.

Coming up on Saturday, Nov. 22, is another of the COM's gala Membership Nights

Following a buffet dinner of salad, roast baron of beef, baked potato and vegetables, from 6:30 to 9 o'clock, the COM will present the Sage Group, musicians from the Los Angeles area who will be paying their repertoire of oldies and goodies from 8 p.m. until midnight.

Price for this evening of fun and music is \$4 for members and their spouses and \$5 for guests.

Reservations, which are a must, should be made no later than 5 p.m. Nov. 21.

For members and guests who would like a no mess, no fuss Thanksgiving dinner this year, the COM will be serving a full course Thanksgiving meal on Thursday, Nov. 27, from 2 to 8 p.m.

The Thanksgiving dinner menu will include roast tom turkey with country dressing, baked ham with fruit sauce, candied yams, whipped potatoes, and a variety of vegetables and salads.

Cost for this dinner is \$7.25 for adults and \$4.25 for children under 12.

Reservations must be made by Tuesday, Nov. 25, to insure proper time for getting the food and making the seating arrangements. **Chief Petty Officers' Club**

Musical numbers by The Sage Group, instrumentalists from the Los Angeles area whose speciality is "oldies but goodies," will provide the background for dancing and listening next Friday night, Nov. 21, at the Chief Petty Officers' Club.

There will be musical entertaiment from 8:30 p.m. to 12:30 a.m., following a dinner featuring the choice of prime rib of beef or Icelandic cod that will be served from 6 to 9 o'clock.

Enlisted Mess

"Avon", a 5-piece rock music combo led by China Lake's own Avon Burrell, will be back for a return engagement this evening at the Enlisted Mess from 9 p.m. until 1:30 a.m.

Dinner, featuring a seafood plate with lobster, will be served from 6 to 8:30 p.m. Museum to sponsor trip

to petroglyphs tomorrow

The Maturango Museum is sponsoring a trip to the petroglyph area of the Naval Weapons Center tomorrow, beginning at 8 a.m. at the museum. The trip will be led by Lou Czerwonka.

Cars should be in good condition and filled with gasoline for the 84-mile round trip. Each person should also have a lunch and enough water for the day.

Those interested in going on this outing must telephone the museum at 446-6900 to get on the list.

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nwc rocketee

NEW WAY OF LOOKING - E. C. (Casey) Wilson demonstrates an infra red imaging device that provides a television display of an IR wavelength band. The device has a wide range of uses, especially for data collection and for surveillance. Wilson presented two papers at the electro-optical training symposium.

Veterans Day speaker stresses need for strong nat'l defense

A call for all Americans to do everything First, he said, "talk with your friends and Day observance held on Nov. 11 at the VFW Hall in Ridgecrest.

Veterans' groups from throughout the local area who comprise the Indian Wells Valley Veterans' Coordinating Council arranged this annual patriotic program that is held on the anniversary of the month, day and hour that the guns fell silent at the end of World War I.

Mayor Hockett was introduced by Larry Woeller, a member of the Fleet Reserve Association, who served as master of ceremonies. The guest speaker began his talk with an expression of appreciation for all those who have answered the call to bear arms in defense of this nation's freedom. SERVES AS REMINDER

Veterans Day, he stated, should serve as more than a reminder of the need to pay homage to those who have made sacrifices to insure freedom, it should point out clearly that the day is long past when Americans can be complacent about their nation's defense and expect to have plenty of time to react when U.S. interests are threatened.

"In the past, we lulled ourselves into complacency, only to be rudely awakened by armed aggression. We have been fortunate that in each instance our nation's manpower and industrial capacity has been able to mobilize and overcome the threat. But how many times can we repeat this cycle?" Mayor Hockett asked.

"We all know that the capabilities for war are growing more sophisticated, and that weaponry (both conventional and nuclear), transportation and communication all have advanced to the state that major wars can be fought in a matter of days or even hours." the speaker continued.

The mayor suggested a number of ways in which individuals can help to insure that this nation has a strong and ready defense.

they can to insure that this country main- neighbors and let them know of your contains a strong national defense was sounded cern." A second and most important apby Mayor Harold Hockett of Ridgecrest, proach, he added, is to keep an open line of guest speaker at the traditional Veterans communication with legislators-especially those on the national level. He also encouraged individuals to express

(Continued on Page 3)

Informational symposium on field of electro-optics conducted here at NWC

citing and advancing field, with new techniques and new technologies, especially relative to optical components, offering new challenges, Bob Hillyer, NWC Technical Director, told attendees as he opened an electro-optical information symposium held at the Center recently.

NAVAL WEAPONS CENTER

CHINA LAKE

CALIFORNIA

The two-day symposium, latest of a series that began in 1972 and has been held at irregular intervals since, was designed to disseminate information between coworkers and to allow cross-fertilization of ideas. Attendance was limited to NWC personnel to permit informality and complete candor in the presentations.

Hillyer noted that even though there has been much stress on RF technology lately at NWC, this stress has been to enhance the Center's reputation in that field, especially with the current emphasis on all-weather capability for potential war. This emphasis does not mean that EO is no longer seen as important by management.

DUAL EFFORT UNDERWAY

"We must build on our reputation in RF technology, but at the same time, we must maintain our world-wide reputation and level of expertise in EO systems," he said.

"EO systems should not only be supportive and complementary to RF systems, but also primary for some application,' Hillyer said. "The classic advantages to EO systems remain, and I'll not dwell on them here but just mention them: simplicity and low cost, countermeasures resistance, and high resolution."

The electro-optics field remains an ex- Hillyer concluded his opening remarks with "It is absolutely mandatory that we maintain a strong and competent technology base in EO, that we support the Navy in the development of EO systems for future use."

> The 28 papers presented during the symposium covered a wide range of topics in nine EO subject areas: target signatures, measurements and modeling; atmospheric optics; detectors and optical materials; guidance / trackers; target detecting devices; target detection, acquisition, surveillance; lasers and their applications; countermeasures/counter-countermeasures; and miscellaneous subjects.

SPEAKERS AT SYMPOSIUM

Speakers came from six of the Center's technical departments: Aircraft Weapons Integration Department, Ordnance Systems Department, Fuze and Sensors Department, Electronic Warfare Department, Research Department, and Weapons Department.

In preparation for the conference, all those who presented papers submitted not only their abstracts, but also their reference list. Attendees at the conference received a technical memorandum containing this material so that they could follow up further on subjects that were of specific interest to (Continued on Page 7)

2 days of intensive briefings scheduled for NSIA members

More than 160 members of the National Security Industrial Association will receive two intensive days of briefings from senior personnel at the Naval Weapons Center on Wednesday and Thursday of next week. The briefings will aprise them of work on-going at the Center, and also what opportunities exist for them to bid on the work that needs to be accomplished so that the Navy and industry can work smoothly together.

The group will be led by Howard "Shack" Moore, a retired Rear Admiral who is West Coast Director for the NSIA. Joining him as a representative will be RAdm. Henry Suerstedt, Jr., (UNS-Ret,), who is a former Commander of the Center.

The meetings will be held in the Michelson Laboratory auditorium (Rm. 1000-D). Welcoming NSIA members will be Frank Knemeyer, Assistant Technical Director for Plans, with the first presentation to be the "View from Olympus," by Earl R. Towson, Program Director, NWC Corporate Planning, Weapons Planning Group.

Sixteen other managers of technical organizations at NWC will spend the rest of Wednesday and all day Thursday making presentations about Center projects and requirements.

Wrap-up speaker for the meetings will be Bob Hillyer, NWC Technical Director, who will also conduct a question and answer session.

Those who have friends in the NSIA group or who would like to welcome the visitors may attend the reception and dinner that will begin at 6:30 p.m. on Wednesday, Nov. 19, at the Commissioned Officers' Mess.



MARINES CELEBRATE 205th BIRTHDAY - Highlight of the Birthday Ball held Monday night to celebrate the 205th anniversary of the founding of the U.S. Marine Corps was a cake-cutting ceremony. Col. E. D. Smith, Marine Corps Liaison Officer at NWC, is shown cutting the specially-decorated cake. Onlookers are Bob Hillyer, at right, NWC Technical Director, and George Beatty, a retired Marine master sergeant, who was one of the cake escorts. In background is Maj. William P. Vacca, who served as adjutant. First slices of the cake went to Mollie McKinney, a former Marine staff sergeant; to Cpl. Mike Stevens, the youngest Marine in attendance; and to Col. Burke West, USMC (Ret.), who was the oldest Marine at the birthday ball. This annual event, attended by some 200 persons, was held at the Enlisted Mess. Music for the birthday ball was provided by Sonora del Mar, a Navy band from San Diego. -Photo by PHAN Mark Reinhard

Page Two

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel 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 Promotiona Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system osifions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience raining, education, and awards as indicated in a written record consisting of a SF-171, at least one super visory 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 oust meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonme

ement No. 26-031, Air Conditioning Equipment Mechanic, WG-5306-8, JD No. 342N, Code 26422 - This position is the Maintenance and Utilities Division of the ublic Works Department. The incumbent installs, naintains, and repairs refrigeration and air conditioning equipment and components. Equipment includes evaporative A/C units and gas and steam and includes nder journeyman supervision tasks and duties of a rneyman refrigeration and air conditioning mechanic. Installs refrigeration and air conditioning systems by positioning compressors, motors, condensers, humidifiers, evaporators, heaters and other components, installs and connects auxiliary and control mechanisms and piping and tubing; connects recording and gauging devices; charges sytems with gas and tests for leaks; starts and adjusts for proper operations; repairs and overhauls refrigeration and air conditioning plant components by disassembly, in spection, and replacement of detective parts, and reassembly, adjustment and shop test. Note: Position has promotion potential to WG-10; however, promotion is not guaranteed. Job Relevant Criteria : Ability to do the work of the position without more than normal supervision; technical practices and trade theory; ability to read and erpret blueprints, instructions, specifications, etc.; bility to use handtools and measuring equipment; ing; materials. Supplemental qualification is required and may be picked up in the Personnel Building reception area, or Rm. 210. Announcement No. 26-030, Air Conditioning Equipment

Mechanic, WG-5306-5, JD No. 531N, Code 26422 - This position is located in the Maintenance and Utilities Division of the Public Works Department: Incumbent will assist journeyman mechanics using common hand tools to repair air conditioning and heating components. Incumbent also repairs minor equipment, gear motors, dump valves, timers, and does minor shop bench work. Must maintain records of chits, reports and material request. Note: Position has promotion potential to WG-10; however, promotion is not guaranteed. Job Relevant Criteria: Reliability and dependability: shop aptitude and interest; ability to follow directions in a shop; dexterity and safety; and ability to work as a member of a team. Supplementa qualification is required and may be picked up the Per-

sonnel Building 34, reception area or Rm. 210. Announcement No. 25-020, Clerk (Typing), GS-303-3/4, PD No. 7725002, Code 2513 - This position is located in the Administrative Branch, Planning and Administrative Division, Supply Department. The incumbent maintains personnel records for the Supply Department; prepares requests for personnel actions, position description cover sheets and related personnel documents; prepares training requests and notifies department personnel when they are ccepted for courses; serves as secretary to department Beneficial Suggestion Committee. Job Relevant Criteria: Knowledge of personnel regulations and forms; knowledge of training procedures and forms; knowledge of incentive awards program procedures and forms; ability to deal tactfully with people; ability to type.

Announcement No. 25-021, Procurement Clerk, GS-1106-5; Procurement Assistant, GS-1106-6/7, PD No. 8025027, Code 2523 - This position is located in the Contract Ad-



FOOT

students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Modern Radar: Principles and Design Tradeoffs; Dec. 2-5, 8 a.m. to 4 p.m. daily. Deadline was Nov. 12, but will still take enrollments.

Failure Effects Analysis; Dec. 8-9, 8 a.m. to 4 p.m. daily. Deadline: Nov. 21.

S&E 66 Practical Optics for Technicians; Dec. 8-12, 8 a.m. to 4 p.m. daily. Deadline: Nov. 19.

53500J Assertive Management; Dec. 3-4, 8 a.m. to 4:30 p.m. daily, (15 hours), Instructor: Lynn Lacey.

46000E Creating and Using Incentives; (4 hours), Nov. 25, 12:30 to 4:30 p.m. Instructors: Lynn Lacey and Stuart Fields.

53000D Interpersonal Skills for Supervisors Only; (15 Hours), Nov. 20-21, 8 a.m. to 4:30 p.m. Instructors: George Lehner and Lynn Lacey.



stration Branch, Contracts Division, Supply De ment. The incumbent assists in administering complex contracts for R&D items, supplies, and services. This in cludes monitoring the performance, reviewing the contract file for complete documentation and initiating contract modifications. The incumbent is also required to initiate close-out correspondence with the contractor, property administrator, auditor and patent counsel as required. Jol Relevant Criteria: Knowledge of Procurement Request preparation procedures; knowledge of Defense Acquisition Regulations and NAVSUP Publication 467; ability gather, assemble and verify information; ability to dea ctively with personnel at all levels, both on and off Announcement No. 35012, Electronics Engineer, DP-855

3, PAC 803569E, Code 35063 - This position is located in the HARM Technical Management Office, Systems Engineering Group of the Electronic Warfare Dept. In cumbent is responsible for monitoring the development o the HARM guidance section and the develop facilities in support of a second source contract. Job Relevant Criteria: Knowledge in the design and test o passive RF receivers; understanding of basic video proessing technoiues; ability to plan, schedule and develop major test facilities

Announcement No. 09-15KLC, Ordnance Equipment Mechanic Helper, WG-6641-5, JD No. 598, Code 62232 - The pose of this advertisement is to establish a register to fill temporary (not to exceed one year) ordnance equip t mechanic helper 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 be 12 months in any 24 month period. NWC will accept applications from re-instatement eligibles, individua currently on Civil Service Registers, and individuals not or registers who have skills necessary to qualify for this position. The position is located in the Range Operations Division of the Range Department. The incur forms work involved in the functional testing of rockets guided missiles, projectiles, high explosive items and other ordnance and non-ordnance related items. The work is usually performed at the ground Operations Branch but may be at the other ranges operated by the Center. Jol Relevant Criteria: Reliability and dependat aptitude; ability to follow directions in a shop; ability to work as a member of a team; safety and dexterity. NOTE Supplemental Qualifications statements may be picked up at reception desk in the Personnel Bldg., and must be submitted with SF-171.

uncement No. 0811, Supervisory Computer Specialist, GS-334-12, PD No. 8008003E, Code, 842 - This incumbent is head, Operations Support Branch Management Information Systems Division, a unit of the Office of Finance and Management. The incumbent will be responsibile for the internal operation and management of the Operations Support Branch and for providing automated data processing programs for managem perations. Job Relevant Criteria: Ability or potential to supervise an organization; knowledge of management data handling techniques; ability to develop AD programs and procedures; ability to communicate ef fectively orally and in writing. applications will be ac



PROTESTANT Sunday Worship Service

Sunday School-All Ages 0830 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

Wednesday Noon Bible Study 1130 Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC MASS

0830-1130 Sunday 0815 1245 Nursery, Chapel Annex 1 Daily except Saturday, 1135, Blessed Sacrament Chape CONFESSIONS

1115 to 1130 Daily 0800 to 0825 Sunday

RELIGIOUS EDUCATION CLASSES Pre-school thru 11th grade Sunday 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 JEWISH SERVICES EASTWING -ALL FAITH CHAPEL Sabbath Services every Friday 1930 UNITARIANS

1930

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



CHECKING THE COST - Grannie Frannie, who keeps a thrifty eye on how she spends her energy dollar, checks the time-of-use rate schedule that will be appearing on walls around the Center. These multi-colored stickers show when onpeak, mid-peak, and off-peak electrical rates apply, both winter and summer.

Power usage rescheduling aids in battle to cut electric bill

The Naval Weapons Center, like other water now is done only during off-peak major industrial or agricultural users of hours. commercial electricity, is billed under the Southern California Edison Co. time-of-use rate schedule. A kilowatt hour used during peak demand hours cost NWC more than twice as much as the same amount of electricity used in off-peak time.

NWC has reduced the potential size of its electrical bills by rescheduling activities when possible. For instance, pumping of

SOLE to hear about **MX Missile System**

at Nov. 24 meeting

A talk about the MX Missile System will highlight a dinner meeting of the Eastern Sierra Chapter of the Society of Logistics Engineers (SOLE) that will be held on Monday, Nov 24, starting at 6 p.m. at the Enlisted Mess.

The speaker for this occasion will be Col. LeRoy V. Greene, Jr., Deputy for Ballistic Missile Systems Logistics and Commander of Detachment 1 of the Air Force Acquisition Logistics Division at Norton Air Force Base in San Bernardino, Calif.

Following the dinner that is open to all interested persons, Col. Greene will be introduced by Bob Hillyer, NWC Technical Director.

The distinguished visitor has earned a reputation as a dynamic and entertaining speaker, in addition to being an authority on the MX Missile System. His discussion will not be confined to logistics, but he will cover other aspects of the MX Missile System.

military service in the operation and sup- provided on the card, which is to port of strategic missile systems, including service in Vietnam. He is a graduate of the U.S. Military Academy and the University of Missouri, where he received a master's degree in business administration.

10.4 cents per kilowatt hour used. Yellow designates the MID-peak average charge of 5.7 cents. Green marks the OFF-peak hours for which NWC is charged an average of 5.1 cents for each kilowatt hour. NWC's fiscal year 1980 electrical bills

In the belief that Center personnel would

like to help keep expenditures down, decals

have been printed and issued to Department

Energy Conservation Council members.

These decals will be placed next to the signs

designating building energy monitors so

that everyone can plan electrical use wisely.

Red designates the ON-peak times where

the cost is the highest; the average cost is

The decals are printed in three colors.

averaged \$12,000 per day. Centerites are encouraged to take note of the time of use decals and cut ON-peak electrical usage wherever possible

Address cards for mailing W-2 forms to be distributed

W-2 address cards for 1980 will be distributed to civilian employees of the Naval Weapons Center along with paychecks that will be received next Friday, Nov. 21.

These cards will reflect the address currently on file for mailing W-2 Wage and Tax Statements to Centerites.

If this address is correct as printed, further action is not required. However, if the address is incorrect, employees Col. Greene is a veteran of 21 years of should note the correction in the space

> 08641) no later than Dec. 1. This must be done to insure that the W-2 form is mailed to the correct ad-

returned to the Payroll Office (Code



Defense. Information in The Rocketeer is authorized for public release by the Naval

Phones



News Stories Photographs 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

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November 14, 1980

32 Youth Soccer League teams vie in close, well-played games

Close scores indicative of evenly-matched Frisbee of the Cosmos wasn't enough to turn teams and well-played games were the trademark of last Saturday's 16-game schedule of play in the China Lake Youth Soccer League.

In Division 1, the Hawks defeated the Roadrunners 2-0, while the Eagles and Owls edged their opponents (the Coyotes and Cobras, respectively) by scores of 1-0.

The Roadrunners showed improvement over their previous 5-0 loss to the Hawks by holding them to just two goals that were tallied by Danny Moldenhauer and Jared Christense

A single goal by Mike Matson provided the margin of victory for the Eagles in their win over the Coyotes, who played an aggressive game but were unable to muster a score.

The only score of the game between the Owls and Cobras was tallied in the first three minutes of play. Zachary Bird booted the ball into the net, with an assist on the play going to Chris Brown.

Two shutouts and a scoreless tie were recorded last Saturday by Division 2 teams. The victors were the Fury and the Apollos who defeated Sunshine and the Chiefs by scores of 2-0 and 3-0, respectively. The Express and Rowdies battled to a scoreless

Goals by Matt Pohl (unassisted), and by Steve Mills (aided by Jonathon Koelsch and Michael Tagus) accounted for the scoring in the Fury's 2-0 win over Sunshine.

Danny Mather scored two goals, and Matt Mann tallied one in the Apollos' 3-0 defeat of the Chiefs. Strong defensive play by Wendy Meeks and Joe Brown was instrumental in the shutout win by the Apollos.

Division 3 action last Saturday opened with a 2-0 win by the Blizzard over the Aztecs, and was followed by 2-1 victories that were posted by the Earthquakes and the Sockers over the Lancers and Cosmos, respectively.

Jeremy Osborn scored twice, getting assists each time from Jason Branson, as he led the Blizzard to a shutout win over the Aztecs. In spite of having fewer players (8 compared to 10 for their opponents), the Blizzard won the game helped out by some good play by Robert Crouse, goalie.

In a fast-moving contest, Tim Matson's two goals for the Earthquakes were enough to shade the Lancers, who picked up a single tally off the toe of Mike Owens. Bobby Puckett and Richard Stockin were credited with assists on the goals for the Earthquakes. The lone scoring play for the Lancers developed as Joe Kitchens controlled a loose ball and passed it to Owens, who broke into the open and put it into the net for the Lancers.

In another close game, one goal by Marc

(Continued from Page 6)

Two 5 yd. penalties against the Indians left them in a fourth down punting situation at their own 11. The center snap was dropped by the punter, who was tackled at the Hart 2-yd. line to set up the game's first touchdown.

Brown plowed through the middle of the line to score for Burroughs on the first play of the second period. The PAT attempt by Wheeler missed, but Burroughs was out in front with a 6-0 lead.

The next time the Burros got their hands on the ball at around midfield, a pass from Brown to Adams picked up 34 yds. and a first down at the Hart 10. Pinchem scored quickly on the next play, only to have the touchdown nullified by a penalty. The Burros then got as far as the Hart 1 yd. line before losing possession of the ball.

The BHS defenders forced Hart to punt three plays later, and Pinchem rammed the ball back to the Indians' 7. Clipping by Burroughs had been detected on the punt return, however, so instead of being inside of the Hart 10, the Burros had the ball at the

Hart 34 with 4 min. to play in the first half. A third down pass from Brown to Curtis back the Sockers, who scored twice on goals by Ernesto Tatunay and Shane Dalpiaz. Goalies Jeffrey Jones and Dean Waldron helped preserve the win for the Sockers.

The Strikers edged the Drillers 3-2, and the Atoms slipped past the Timbers 2-1 in Division 4 action.

Two goals by Matt Ziegler and one by Jason Hall gave the Strikers the edge they needed to defeat the Drillers in another well-played game. Goal scoring for the Drillers was done by Phillip Serpanos and Brian Fitzgerald (one each), with the help of assists from David Mann.

The Atoms' 2-1 win over the Timbers was the result of a second half goal by Randy Isgriggs, who scored unassisted. In the first half of this contest, Travis Weber tallied for the Atoms - getting help on the scoring play from Isgriggs. The lone tally for the Timbers was chalked up by Gregg Garcia. Good play on defense highlighted action in the five games played between teams

competing in Division 5 of the China Lake Youth Soccer League. All were low-scoring games, and four of the five were shutouts. Results were Surf and Roughnecks 2-0

winners over the Sting and Tornado, respectively; 1-0 wins were posted by the Whitecaps and Hurricane over the Kicks and Rogues, and the Diplomats hung a 2-1 loss on the Sounders.

The Surf, a team that has given up just one goal all season, did another good job on defense in its 2-0 win over Sting. Dan Siler and Matt Diaz provided the scoring punch for the Surf with one tally each.

Goalie Wayne Ziegler had eight saves for the Roughnecks in their 2-0 win over the Tornadoes. Goals in this contest were tallied by Scott Parmenter and Brian Lindsey-both on assists from Corey Trovinger

Kenny Sandberg, goalie for the Whitecaps, stopped three penalty kicks that could have tied or won the game for the Kicks, who came out on the short end of a 1-0 final score. The lone goal in this contest was scored by Brian Collie.

Craig Rindt scored a goal with an assist from David Stratton to give the Hurricane a 1-0 win over the Rogues.

In an exciting game between the Diplomats and Sounders, the Diplomats led 1-0 at the half on a goal by Bobby Burge, whose shot at the goal bounced off a player for the Sounders and into the net. What turned out to be the game-winning goal was then tallied in the second half by Scott Piri for the Diplomats, who drove from midfield to the penalty area of the field before launching an accurate kick goalward. Tim Wee accounted for the only goal scored by the Sounders.

Burros varsity gridders defeat Hart . . .

Edmunson left the Burros shy of a first down, but Pinchem got the call on the next play - a pitchout from Brown - and went 25 yards for a touchdown. The PAT was missed making the score 12-0 in favor of Burroughs

With a little less than 3 min. left to play in the first half, the Indians took the ensuing kickoff and, starting from their own 20, got on the scoreboard with a touchdown before the gun sounded to end the second period.

Passes from quarterback Harrington to Robinson did most of the damage, including one aerial that gained 29 yds. and a first down at the BHS 5 yd. line. With still a minute left in the first half, the Indians tallied two plays later on a blast through the middle by Ron Baldi, and the PAT was added on a kick by Mike McClure. The two teams left the field at the mid-game break with Burros in the lead by a score of 12-7.

Each team added a touchdown in the third quarter, and the game went down to the wire with the visitors threatening to pull out a victory in the final moments of the fourth quarter - only to by stymied by the Burroughs defense.



PHYSICAL FITNESS TESTED - In groups of 50, military personnel under 40 years of age who are assigned to duty at the Naval Weapons Center are being checked each Wednesday afternoon at Schoeffel field in compliance with a Chief of Naval Operations Instruction on physical fitness. The tests of body strength, flexibility and endurance are monitored to insure that the participants meet the standards set for both men and women. The checking is done by (seated, 1.-r. in lower photo) OSC Ron Hathorn, AOAN John Shatz, and Lt. Dennis Wilcox, and kneeling, PRAN Lisa Arsenalt. They can be seen in the background as Cdr. B. C. Boatright, Commanding Officer of Enlisted Personnel and head of the Military Administration Department, jogs by. Other runners grouped together at the start of the event are shown in the upper photo. Those who fail the physical fitness test the first time out are placed in a conditioning program and must report back to Schoeffel Field every Wednesday until they succeed in passing the test.

Videotape of talk about Civil Service pay to be presented at FMA meeting Tuesday

A videotape presentation of a talk by Ron McCluskey, Staff Director of the Congressional Subcommittee on Pay and Compensation, will be presented at the next meeting of Chapter 28 of the Federal Manager's Association (FMA).

The FMA meeting will be held on Tuesday, starting at 11:30 a.m., at the Enlisted Mess

FMA members and others interested in hearing what McCluskey had to say during the recent FMA Western Conference held in Long Beach, are asked to call Debby Dyarman at the EM, ph. 446-6929, by the close of business on Monday in order that adequate arrangements for seating those who plan to attend the meeting can be made

Meeting about Pony-Colt League baseball slated

A meeting to discuss plans for the Indian Wells Valley Pony-Colt League baseball 1981 season will be held next Wednesday, Nov. 19, starting at 7:30 p.m. in the banquet room of the Ridgecrest Bowl.

Boys and girls 13 through 16 years of age are eligible to play on one of the IWV Pony-Colt League baseball teams, and parents of youngsters interested in participating are invited and urged to attend the Wednesday night meeting, Tom Sauers, league president, said.

The former Ridgecrest Senior League has merged with the IWV Pony-Colt League and will be a part of the Colt League program in

Team tryouts are scheduled to get underway in February in preparation for the start of league play in April.

Chapter 28 of the FMA is endeavoring to increase its membership. For the benefit of non-members eligible to join this group, printed information about membership in the FMA and its benefits will be available at the meeting Tuesday.

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One of the recently added benefits of membership in the FMA is limited free legal service offered by Linda Schramko and Roger Stein, two lawyers with offices in Ridgecrest, and reduced fees for other legal representation.

Also, Dennis Rowell, president of Chapter 28, reports, there is now a \$1,000 death benefit that is provided for FMA members and will go into effect on Jan. 1, 1981. This is at no additional cost beyond the current membership fee.

NWC employees intersted in doing so can make arrangements to have their dues (which are tax-deductible) withheld from biweekly paychecks and sent directly to FMA.

Electro-optics ... (Continued from Page 1)

Dr. E. E. (Mickie) Benton, NWC Electro-Optic Coordinator and head of the Electro-Optics Division of the Weapons Department, chaired the conference. He asked that anyone on the Center who has an active interest in electro-optics and would like to attend the next conference let him know; he would also like expressions of opinion about how long is the ideal time between conferences and if any particular time of the year is preferable for scheduling the next information symposium.

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NWC varsity cagers to play Cerro Coso hoopsters Tuesday

In what will be a practice game for both squads, the Cerro Coso Community College Coyotes will play the NWC varsity basketball team in a contest that has been scheduled on Tuesday, starting at 7:30 p.m., at the Center gym.

Admission for this game will be \$1 for adults and 50 cents for young people 17 years of age and under. Active duty military personnel and NWC Athletic Association members will be admitted free of charge.

The Navy hoopsters, coached by AEC John Smith, VX-5's chief petty officer of the command, are led by Skip McIntosh, who last season was selected to attend the Navy basketball training camp at Corpus Christi, Tex., and went on from there to take part in AAU competition as a member of an interservice hoop squad.

McIntosh was high point man for the NWC varsity with 32 points and 24 points in a pair of recent games played against the Camp Pendleton Marines.

Other players on the NWC team are Millard Bell, Basil Robinson, Comezell Gibbs, Derek Graves, A. C. Murphy, Ted Thomas, Ken Gibson, Rudolph Looney, Thomas Stone, Calvin Lowery and Jessie Hewell

The Cerro Coso Coyotes are coached again this year by Bill Locke. The players are Jerome Reed, Jim Bowen, Marty Bailey, Dan Chavis, Mike Wirtz, Tony Perkins, Terry Collins, John Sherrard, Daryl Moline, James Spencer, Anthony Jackson, Ron Morgan, and Doug Wright.

Results reported of half-marathon run won by Oildale man

Seventy local and out-of-town runners competed last Saturday in a half-marathon race sponsored by the NWC Recreational Services Department, the Ridgecrest Recreation Department, and the Over-the-Hill Track Club (OTHTC).

The winner of this 13.1-mile event, which followed a course along streets on the Naval Weapons Center and in Ridgecrest, was Paul Cross from Oildale. His time of 76 min. was 3 min. better than last year's mark. Cross, who is 34 years of age, finished the race 1:48 ahead of Jim Elwell, 20, of Lompoc, who was clocked at 77:48.

A new course record for women was set by OTHTC'S Jerry Mumford, who covered the 13.1 mile distance in 98:12, while the second place trophy for a woman runner was garnered by Dianne Lucas, whose time was 98:2

A Maturango Miler, Matt Pohl, age 7, was the youngest entrant to finish the race. The most elderly participants were Marjorie Zimmerman, 63, and Evelyn Clinton, 64, who received awards for their participation in this event.

Winners in the various age groups of the half-marathon race (in addition to those already mentioned), and their times, were:

Boys, 14 and under, Jan Barglowski. 113:22; youths, 15-19 years old, Pryor Bonner, 111:52; men 20-29, Scott Wymore, 83:20; men, 30-34, Laddie Shaw, 79:43; men, 35-39. Tom Rindt, 80:20; men, 40-44, Frank Freyne, 79:43; men, 45-49, John Star (time unavailable); men, 50-59, Scotty Broyles, 93:24

Women, 20-29, Melodie Meyers, 122:47; women 30-34, Catherine Hanch, 110:36; and women, 35-39, Suzanne Haney, 114:49.

Burroughs High School's varsity football team, riding on the wave of a 1-game winning streak, will close out the 1980 Golden League season tonight with the Burros' long-standing rivals at Antelope Valley High School in Lancaster.

The varsity tilt is scheduled to get underway at 8 p.m., following a curtain-raiser between the Burros sophomores and a combined frosh-soph squad from AV that will start at 5:15.

Though plagued by misfortune and adversity (a slug of costly penalties), the Burros varsity gridders showed the results of season-long improvement in their final home game of the season last Friday by hanging a 19-14 defeat on the Hart High School Indians from Saugus.

The defense for BHS had to feel good about the way things turned out, for on its efforts hinged the final outcome of a game that would have been heartbreaking to lose because of the equally fine performance by the Burros' offensive platoon.

GAME-WINNING SCORE

Kevin Merrill, staunch tackle for the BHS varsity, broke through the line to recover a fumble in the Hart end zone for what turned out to be the game-winning score in the third quarter.

How the ball happened to be so deep in the Indians' territory was the result of neartouchdown by the Burros, who, despite being handed a crucial 15-yd. penalty, came within a yard of getting the ball into paydirt moments later on a fourth down run by quarterback Billy Brown.

Merrill's touchdown was followed by a PAT off the toe of Jon Wheeler that gave the BHS varsity a 19-7 lead with more than 7 min. still left to play in the third period.

Still in the third quarter, the Burros quelled one uprising by the Indians, but the visitors regrouped and staged a 41-yd. touchdown drive that reduced the Burros' lead to 19-14 moments before the start of the fourth period of play.

Jeff Drake, a deep defender for Burroughs, stymied the initial drive by the Indians in the third quarter by deflecting a long pass that had "touchdown" written on it if it had been caught. Drake also popped up to intercept a pass on the very next play

to give the Burros the ball on their own 22. Four plays later, the Indians were back on the warpath again, however, after a punt



OUTNUMBERED - Billy Brown, all-purpose back for the Burroughs High varsity football team, sees nothing but opposing players as he hangs onto the ball for a short gain in the Burros' 19-14 win over Hart High School. Brown, the BHS quarterback, runs the ball frequently and handles both the passing and punting chores. Joe Erdelen (in center) and Kevin Burke (at right) are the two defenders for Hart -Photo by PHAN Mark Reinhardt

who are closest to the ball carrier.

Burros defeat Hart, play Antelope Valley tonight

into a strong wind by Burroughs gave Hart the ball on the Green and White 41 yd. line. Two passes by Hart quarterback Dean Harrington to Dan Hollinger, tailback for the Indians, gained 26 yds. and a first down at the BHS 15. Joe Medina then took a pitchout from Harrington and weaved his way the remaining distance to the goal line to tally Hart's second touchdown of the night. This set the stage for a scoreless, but

exciting, fourth quarter of action. The first lucky bounce of the ball in the

final period of play went to the Indians when Dee McMahon picked off a Burros' pass thrown by Brown and ran it back to the BHS 38 yd. line. The Indians got their offense in gear - getting as far as the Burros' 18 before fumbling the ball away to Danny Keen, BHS tackle.

The Burros worked the ball out to around midfield, but had to punt on fourth down - Burroughs. giving Hart the ball back on its own 14 with 5 min. left to play in the game.

Harrington, the Hart quarterback, engineered a drive of 67 yds. that ate up the clock and gave the Indians a first down at faltered short of a first down on the next the Burros' 19 yd. line with 1½ min. left to series of plays. play.

Hollinger, the principal ground gainer, picked up critical first downs along the way. including one on a 24-yd. sweep to the BHS 19

Three plays later, thanks to the stalwart Burros' defense, the Indians were facing a fourth down and 12 situation with a minute left to play in the game. In what was an obvious passing situation, Ralph Aguon broke through to drop Harrington, the Hart quarterback, for an 8 yd. loss. The jubilant Burros then ran out the clock to register their second league win of the 1980 season.

The game got off to an exciting start when Mike Cubit, of Burroughs, returned the opening kickoff to the Hart 36. The first quarter ended in a scoreless tie, however, thanks to a fumble by Harrington of the Indians, who dropped the ball in the BHS end zone and it was recovered by

Starting from their own 20, the Burros threatened to score again in the first period when a 43-yd. gain by Albert Pinchem put the ball on the Hart 30, but this drive

(Continued on Page 7)

League play ends for youth football teams

Regular season play in the Tri Valley Youth Football League ended last Saturday with Freshman, Sophomore, and Junior Division games between teams from the China Lake-Ridgecrest area.

There was no Senior Division game, since the Giants forfeited to the league champion Raiders

The undefeated Bears powered their way to the Junior Division title by trouncing the Indian Wells Valley Chiefs 48-0. In the Sophomore Division game, the Dolphins, who finished second in the league, battled to an 8-8 tie with the Lions, while the Chargers defeated the Vikings 20-14 in a Freshman Division tilt.

The touchdown parade for the Bears in their lopsided win over the Chiefs began in the first period of their game with the Chiefs when Bob Sonnenberg blocked a punt. John Pepper picked up the loose ball and pitched it back to Allen Celestine, who covered the final 15 yards to paydirt giving the Bears a 6-0 lead.

In the second quarter, the Bears scored : three touchdowns - the first on a 75-yd. punt return by Darius Hall, who also caught a pass from Sonnenberg for 2 points after the score.

Before the first half ended, Ray Haleman and Sonnenberg also got into the end zone on runs of 26 and 9 yds., respectively, and a 2point conversion after Haleman's tally was tacked on by Eddie Barnard.

The Bears, who left the field at halftime with a comfortable lead of 28-0, continued to Division teams, the Chargers broke open a dominate play in the final two periods of play. Pepper scored two touchdowns in the

third quarter - sprinting 14 yds. for the the Vikings. first and bucking it over from the 1-yd. line for the second.

The game's final tally came on a 42 yd. run with an intercepted pass by Hall, and Celestine added the 2-point conversion on a The Dolphins, runner-up to Kern Valley in

the Sophomore Division of the Tri Valley tie ballgame with the Lions. Maurice Mc-Dowell carried the ball into the end zone for

An all-star Youth Football League game between a Junior Division squad composed of players from the Indian Wells Valley Bears and Chiefs and their counterparts from Edwards Air Force Base will be played tomorrow, starting at 11 a.m., at the Burroughs High School athletic field.

Players on the IWV all-star team will be chosen by Ray Haleman, coach of the Bears, who won the championship in their division of the Tri Valley Youth

Football League. 2 points after the touchdown, but that was all of the scoring punch the Dolphins could

The Lions tied the score at 8-8 in the second quarter - getting a touchdown on a pass from Curt Peeples to John Hawley on a play that covered 35 yds. The 2-point conversion was tallied on a run by Eddie Davis.

In the season finale for Freshman 14-14 ball game with a fourth quarter touchdown to win by a final margin of 20-14 over

Keith Carey broke loose on a 70 yd. run to score the game-winning touchdown for the Chargers. He also tallied in the first period on a 4-yd. run, and picked up the 2-point conversion after a 2-yd. smash into the end zone by Chris Armstrong of the Chargers in the second quarter.

The Vikings scored a touchdown and Youth Football League, scored first on a 15- added 2 points in the first quarter, and yd. run by quarterback Kyle Blecha in their scored another TD in the second period of

Commander's Cup marksmanship event won by NWC Blue

Commander's Cup marksmanship competition came to a conclusion last week with the NWC Blue team winning the final event - a rifle match - and first place overall.

In the rifle match, the NWC Blue sharpshooters racked up a team score of 671, compared to 620 for VX-5 and 575 for NWC Gold.

Top scorers for the NWC Blue team were Denny Wilcox, 184 out of a possible 200: Craig Wilson (175), John Large (165), and Dennis Graumann (147).

Prior to the rifle match, which was worth 5 points to the winner, 3 for second, and 1 point for third, NWC Blue had a 13-11 advantage over VX-5 in the marksmanship competition that also included a pistol match and skeet and trap shooting.

The final tally in the marksmanship event was NWC Blue 18, VX-5 14 and NWC Gold 4.

November 14, 1980





ENGINEER — Karen Higgins, an electronics engineer, is one of the 19 women in non-traditional careers whose activities will be shown in a multimedia presentation at the Federal Women's Program awards banguet on Wednesday at the **NWC Community Center**

Veterans Day program held . . .

(Continued from Page 1)

their views through membership in one or more of the many organizations that support a strong national defense posture. These groups, he said, are very effective in the work they do with Congress.

Mayor Hockett then had a word for veterans in the audience. "For those of us who have been in uniform, we need to get away from thinking that we have served our time and that our obligation is fulfilled. This may be true in terms of active military participation, but the responsibility for the protection of our freedoms is an on-going one, and it is one that we cannot shirk."

In conclusion, the Veterans Day speaker said: "It is really a question of priority. How much do we value the freedoms that we have? It therefore comes to a committment to once again renew our pledge of

Passenger terminal at airfield moved; furnishings needed

The passenger terminal at Armitage Airfield has been moved to a new location and is currently undergoing a bit of lastminute fixing up and painting by military personnel of the NWC Aircraft Department's Flight Support Branch.

Moving the terminal from its old location to a more centralized spot between Hangars 1 and 2 (facing the runways) makes available an open ramp space that enables larger aircraft to taxi right up to the passenger terminal with a minimum degree of difficulty.

This eliminates the potential for minor accidents that existed when the termin was situated in its former location behind Hangar 2.

The interior space of the two buildings is about the same, but there has been a big gain in space adjacent to the new passenger terminal where limited parking will be provided for vehicles being used to transport and pick up passengers. Lines are to be painted marking an access road to the terminal

Inside there are both VIP and passenger lounges, baggage weighing and clearing area, and passenger clearing areas.

Relocation of the passenger terminal also makes it possible to provide a sizable area for parking transient aircraft and those flown here for use in special project work. While the newly relocated terminal is set up and in operation, there is a need for furnishings, carpet, and photos to decorate the walls in order to give it the kind of appearance that will suitably impress visitors to NWC.

Assistance in locating better furniture carpeting, and decorations will be appreciated by either Gary Bailey or LCdr. William Ellis, who can be contacted by calling NWC ext. 5462.

patriotism and support for our country, its freedoms, and its justice for all."

The Naval Weapons Center was represented at the Veterans Day program by Cdr. R.P. Beck, Catholic chaplain at the All Faith Chapel, who delivered the invocation and benediction. Cdr. Beck prayed for God's blessings "on the Armed Forces of our land which we, a peace-loving people have established to guard the frontiers of our freedom. Bless," he added, "the men and women who have dedicated their lives to the difficult task of protecting our land and keeping the peace. Bless those countless living hearts who step forward in service when peaceful means fail and are willing to sacrifice their lives to preserve the freedoms of life we all enjoy.'

The observance of Veterans Day 1980 was opened with brief remarks by John Powers, a member of the Veterans' Coordinating Council, who served as chairman of the day, and presentation of the American flag by members of the Desert Suns, an all-girl color guard.

Two musical selections, "America the Beautiful" and "This Is My Country" were sung by a chorus from the Barbershop Harmony Society, directed by Clay Panlaqui. The patriotic program was concluded by a volley of rifle fire and the sounding of "Taps."

Career Horizons theme of FWP award banquet planned Nov. 19

Those who were fortunate and far-sighted enough to have purchased their tickets for the Federal Womens Program Award banquet next Wednesday evening have a double treat in store.

In honor of the theme of Career Horizons a special 10-minute multimedia presentation has been prepared highlighting the activities of 19 civilian and military women at the Naval Weapons Center who are employed in non-traditional jobs.

These non-traditional jobs include professional level - such as that held by Karen Higgins, who is an electronics engineer and in charge of signal processing for the anti-radiation projectile (ARP) sensor - and trades jobs - such as that held by Linda Minshew, a sign painter in the NWC paint shop.

The presentation was specially designed for use at the banquet, with six projectors and a music and narration track to lend dimension to the production. Other appropriate uses of the presentation are also

Briefings on how to beat flood of paper work slated all week

Scientists, engineers, and managers will have an opportunity to hear about the newest way to beat the flood of paperwork nundating all workers when they attend any of the meetings at which the Automated Technical Information Processing System (ATIPS) is discussed.

Briefings on the system will be held at 8 and 10 a.m., and at 1 p.m., in the Michelson Laboratory auditorium on Monday and Tuesday; in the laboratory Management Center on Wednesday; Community Center on Thursday morning, and Pilot Plant cafeteria at 1 p.m. Thursday; and in the Lauritsen Lab Conference Rm. on Friday, Nov. 21.

Briefings will be conducted by Don Drageset, manager of automated office programs for the Atlantic Richfield Corp., and Addie Mattox of the Mattox Group, Pasadena

The aim of ATIPS is to place many documents on computer systems rather than on paper to reduce response time and administrative work. When the system is operational, electronic mail is possible also to speed up response time while reducing work

A question and answer period will follow each briefing.

VETERANS DAY OBSERVED - Emphasis on the need for a strong national defense was the theme of a talk given by Harold Hockett, Mayor of the City of Ridgecrest, who was the guest speaker at the annual Veterans Day program held Tuesday morning outside the VFW Hall in Ridgecrest.

being considered, but those attending Wednesday night's dinner at the Community Center will be its initial audience. FEATURED SPEAKER

Featured speaker of the evening is Dr. Peggy Rogers, recently retired as head of Code 31 (now the Aircraft Weapons Integration Department). Known for her lively opinions (and the courage to express them), Dr. Rogers spent an unparalleled career as a scientist and administrator in public service.

Dr. Rogers' accomplishments during her professional career were recognized by a number of awards at both national and local level. She received the Federal Women's Award in 1976 as one of six women from all branches of the federal govenment so honored. She also received the Distinguished Civilian Service Award, the highest Navy award for a civilian employee, and the Center's L. T. E. Thompson Award.

EVENING'S AGENDA

Festivities begin on Wednesday evening in the Community Center with a social hour at 6 p.m. A buffet dinner with turkey and beef and all the trimmings will start at 7 p.m., to be followed by the presentation of Federal Womens Program awards for the Woman of the Year (an NWC employee in a non-traditional career field), Supervisor of the Year, and to the department that has contributed consistently to the practice of Equal Employment Opportunity objectives.

The multimedia presentation and Dr. Rogers' talk will conclude the evening's activities.

Police reports . . .

Salvaged copper and aluminum having an estimated value of between \$1,000 and \$1,500 was stolen last week from a fenced-in compound near the corner of Rowe and Langley Streets that is used by the Martin Construction Co.

Also reported by another contractor was the theft of \$400 worth of tools that were taken from a tractor left parked in the gun butts area at Armitage Airfield.

FALSE BOMB REPORT

China Lake police responded last week, along with firemen and Navy Explosive Ordnance Disposal Unit personnel, to what turned out to be a false report that a bomb had been left in one of the buildings on the Murray Junior High School campus.

The school was evacuated at around 11:30 a.m. on Wednesday, Nov. 5, and a thorough check of the buildings and grounds was made. The search failed to turn up any sign of an explosive device. Similar false reports of a bomb also were received at Burroughs High School and at James Monroe Junior High.

CASH BOX STOLEN

A mid-day burglary at the Training Center was reported last Thursday, Nov. 6, to China Lake police.

A cash box containing \$55 in change was taken from a vending machine.

RESIDENTIAL BURGLARY

A burglary that occurred last Friday morning at a residence located in the vicinity of the Commissioned Officers' Mess was reported on Monday afternoon to China Lake police.

There was no evidence of forced entry by a prowler who made off with \$50 in cash, a wristwatch valued at \$145, and some record albums

ACCIDENTAL GUNSHOT

The accidental discharge of a firearm in one of the Old Duplex area residences on the Center was investigated late Tuesday afternoon by China Lake police.

A visitor from Bakersfield was inspecting a .38 calibre revolver when the gun fired and sent a bullet through a window. No one was injured.

Page Four

ROCKETEER

November 14, 1980



HOME, SWEET HOME — Hangar I has served as home for the main bay of the hangar where the aircraft are parked; a balcony moved to China Lake in 1956. Offices and shop areas flank the what's happening on the hangar floor.

Vampires of Air Test and Evaluation Squadron Five since the unit on each side permits those with offices on the second deck to see



BRIEFING - Capt. P. D. Stephenson checks on the condition of the aircraft he will fly by looking at logs in the Maintenance Control Room. On duty in the control room are AQC Carl E. Oakes, Jr., and AZAA Lynda Carter.



"FLYING" THE COMPUTER - As with any other modern organization, VX-5 skills need to encompass data processing. At the terminal is Lt. Rich Jaskot, with DP1 Edmond Aquino observing.



Quality of personnel is key to operations by VX-5

Although the vampire bat patch worn proudly by members of Air Test and Evaluation Squadron Five (VX-5) was designed nearly 30 years ago when the squadron was first commissioned in 1951, its design still represents the squadron mission

The vampire bat was selected for its reputed flying capabilities - and VX-5 still feels that it has the cream of the crop of Navy and Marine Corps aviators flying its aircraft. The blue-gold background depicts the squadron's all-weather capabilities, with the white sun and moon to represent day and night. The lightning bolts and bomb burst at the foot of the patch represent the military weaponry tested by VX-5, especially since its move in 1956 to what was then the Naval Ordnance Test Station and is now the Naval Weapons Center.

Mission requirements have expanded during the intervening years. Currently VX-5 is tasked with working on both HARM and Harpoon weapon systems; electronic warfare, tactics for all Fleet requirements; project development; the writing and

> Photos Dy PH2 R. A. Merckx and PHC R. L. Ziesler

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upkeep of tactical requirements for attack aircraft, helicopters and the AV-8B Harrier; and F/A-18 Hornet operational evaluation.

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

To handle this wide range of flying requirements, six different types of aircraft currently nest in Hangar One. They are the C-1A Trader, A-7 Corsair II, A-6 Intruder, and A-4 Skyhawk, as well as the UH-1N Huey and AH-1J Cobra helicopters.

Since VX-5's commissioning and acceptance of its initial aircraft - nine AD-1 Skyraiders - the squadron's officers and men have maintained, flown, developed, and evaluated systems and tactics for various models of the F-2H Banshee, F-4U Cutlass, FJ-4 Fury, F-9 Cougar, A-3 Skywarrior, A-5C Vigilante, and F-4 Phantom aircraft, as well as those currently being flown.

In the future this will be expanded to include the F / A-18 Hornet and the AV-8B Harrier. Squadron Leader P. V. Harris of

arrival.



FLYING OF THE GROUND - PHC Robert L. Ziesler film a Mk 106 bomb run over the shoulder of Lt. Tom Frey, who is in the A-7 flight simulator. Watching is Diana Johnson, an NWC employee who works in the A-7 simulation laboratory.

ROCKETEER

Page Five





WORD OF EXPLANATION — LCdr. Bill Greenlee discusses aircraft and factics with members of the Navy League during their recent visit to Hangar I, home of Air Test and Evaluation Squadron Five.

the Royal Air Force, whose specialty is vertical and / or short takeoff and landing (VSTOL) craft, is already serving with VX-5 as part of the officer exchange program in anticipation of the Harrier's eventual

Heart of the operation, however, is the quality of its personnel rather than the aircraft. Currently 36 officers and 282 enlisted personnel can proudly wear the vampire patch. As is the case with many squadrons throughout the Navy, this number is short of the number authorized.

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

Each of the test and evaluation squadrons has a unique mission. VX-1 specializes in anti-submarine warfare operations, VX-4 handles mainly fighter tactics for air-to-air operations, and VX-5 is tasked with air-tosurface and electronic warfare operations. Both of these missions tie in closely with the mission and facilities of NWC, the host command.

Originally the squadron was named Air Development Squadron Five, but on Jan. 1, 1969, the name was changed to more accurately reflect the squadron mission.

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 what is the best method for weapon delivery. In addition, tests are flown of weapons still in engineering development phases by NWC engineers and scientists. The capability of getting such tests flown where engineer and pilot can confer immediately after a test flight enhances both speed and effectiveness of weapon development for the benefit of the Navy.

Despite the highly non-standard flights made in test and evaluation operations, Capt. P. D. Stephenson, 18th commander of VX-5 in its 29-year history, can point with pride to an outstanding air safety record for the men and women flying the aircraft under his jurisdiction.



DEBRIEFING - AQ1 Steven M. Whiles debriefs Lt. Tom Frey and LCdr. Tom Wright shortly after they've landed. Through good maintenance control debriefings, up-to-date logs can be kept on all the aircraft in order that they can be maintained in the best possible condition to meet mission requirements.



REPAIRS IN ORDER - AD3 Paul N. Limonius (far right) and engine for an A-4 aircraft. Good maintenance rates a top priority other personnel of the VX-5 Power Plants Shop work on an XE-16 to "keep 'em flying."