



A GRIM GROUP — In this scene, details of a murder at Monkswell Manor are outlined by Robert Coleman (standing at left) to other members of the cast of this Agatha Christie mystery, which will be the next production of the China Lake Players. The actors are (seated, l.-r.) Judy Vuono, Ramona Bernard and Joe Dunn. Others standing, in addition to Coleman, are (from left) Alan Woodson, Bill Davis and Ralph Schwarzbach. Coleman portrays the role of a detective sgt. who reaches the snowbound inn after the murder has happened; Davis is a stranger seeking refuge from the storm when he has car trouble; and the rest are guests at the ill-fated inn, which is owned by Woodson and Karin Lindblom (not in photo).

China Lake Players to present Agatha Christie's 'Mousetrap'

"The Mousetrap," one of Agatha Christie's most popular mystery plays, will be presented by the China Lake Players on May 12-13 and 19-20 at the Players' hut, 405 McIntire St. Curtain time is 8:15 each evening.

The play, which is directed by Rosalie Barber, will be presented in the style of the 1950s, when it first opened in London. "While the play is definitely English, in order to make it easier for our audiences to understand the lines as they are being spoken, only a very slight English accent is being used," the director said.

Setting for the play is Monkswell Manor, a newly-opened English inn, during the worst blizzard of the year. The guests are all strangers to one another, and there is no outside communication since the telephone line has gone dead.

One of the guests is found strangled, but which one of the remaining guests committed the crime? In the typical Christie fashion, everyone is a suspect and the real culprit is not known until the final scene of the play.

Members of the cast are Karin Lindblom and Alan Woodson, as Mollie and Giles Ralston, the new owners of the inn. Christopher Wren, played by Joe Dunn, is the first guest to arrive, followed by Mrs. Boyle (Judy Vuono), Major Metcalf (Ralph Schwarzbach), and Miss Casewell, played by Ramona Bernard.

Bill Davis will portray the role of Mr.

Sale of second hand goods slated May 13 at Community Center

A flea market sale will be held in the Community Center's east parking lot Saturday, May 13, from 10 a.m. until 4 p.m.

The sale is open to all Naval Weapons Center personnel; however, commercial vendors will not be permitted to display merchandise, and only used items may be sold.

There is a charge of \$3 per table and proceeds will go to support the Navy Recreation Fund.

Community Center manager Art Amos said that the type of items usually sold at these sales are similar to those which can be found at the typical garage sale.

Persons wishing to set up displays may contact Amos at the Community Center between now and May 13 from 7:30 a.m. to 4:30 p.m. on weekdays, or may call NWC ext. 2010 for more information about the sale.

Tomorrow's events end 3-day local Cinco de Mayo fete

Tomorrow is the last day of a three-day local observance of Cinco de Mayo (Fifth of May) celebration, featuring events sponsored by the Naval Weapons Center, Cerro Coso College and community groups.

At 4:30 p.m. today in the college's student center, Pete Sanchez will begin activities by reading historical documents relating to the holiday. Sanchez is a prominent Mexican-American community leader who lives in Trona.

During a program consisting of dancing, music and speeches, the Sister City Association will serve a Mexican dinner as a fund-raising event to support a student exchange program with Tepetitlan, Mexico, which is Ridgecrest's sister city.

Entertainment will be provided this afternoon and evening by a group of dancers, "Las Estrellitas," and band music by "Los Profis." The musical program is open to the public free of charge. Those wishing to dine on the Mexican fare may do so for \$1.50. The menu will include tamales, chile, tortilla chips and salsa (Mexican salad).

A dance tomorrow night at the Elk's Hall in Ridgecrest will cap off the celebrations. The dance will be preceded by a social hour starting at 8 p.m., and there will be music by "Feliz" from 9 p.m. until 1 a.m.

Cinco de Mayo commemorates the victory in 1862 of the Mexican Army over French forces at Guadalupe Hill. This historic event became a symbol of Mexico's independence from foreign rule.

COM to give away memento of 1978 Kentucky Derby

As a prelude to tomorrow's 104th running of the Kentucky Derby horse race, a mint julep special (served in a souvenir glass) will be featured this evening at the Commissioned Officers' Mess.

This evening also is diners' night at the COM. The menu will include prime rib, surf and turf, and broiled lobster, crab legs and claws.

Reservations are being taken now for Membership Night, which is scheduled on Friday, May 26, at the COM. There will be dancing, a floorshow, and doorprizes, as well as a menu planned around the COM's famous steamboat round buffet.

As an assist to those in charge of making plans for this event, COM members are urged to make reservations early by calling Jan Fena at 446-2549.



USED BOOK SALE PLANNED — As a means of raising money that will go into a scholarship fund, the China Lake-Ridgecrest Branch of the American Association of University Women (AAUW), is preparing for a used book sale that will be held on Saturday, May 13, from 9 a.m. to 4 p.m. on the lawn adjacent to the East Wing of the All Faith Chapel. Shown separating and listing some of the books that already have been collected for this event are (l.-r.) Ellie Ives, Barbara Braver and Barbara Meggers. Local residents who have books they are willing to donate for the sale are asked to leave them at 630 Essex Circle, China Lake; or drop them off in Ridgecrest at 322 W. Howell St. or 207 Lilac St. Science-fiction, mystery, westerns, art and children's books are just some of the kinds of reading material that will be offered for sale at bargain prices on May 13.

SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying Parent or Adult Guardian

Regular starting time—7:30 p.m.

Program subject to change without notice.
- For further information call NWC ext. 2259.

FRIDAY

5 MAY

"SMOKEY AND THE BANDIT" (96 Min.)

Burt Reynolds, Sally Field
(Comedy) Bandit (Reynolds) is an Atlanta boy with a reputation for driving the fastest cars. He accepts a bet from a Texas millionaire that he cannot successfully deliver an illegal shipment of 400 cases of beer from Texarkana to him in 28 hours. (PG)

SATURDAY

6 MAY

"MR. QUILP" (118 Min.)

Anthony Newley, David Hemmings
1:30 p.m. Matinee
(Musical) Daniel Quilp is a villainous, hunch-backed dwarf. He is among the worst of cut-throats who swarm through London's underworld of the 19th century and hold a franchise on smuggling, extortion, and crime. The exploitation of his victim, Little Nell, and the battle between good and evil is portrayed in musical form. (G)

"FINAL CHAPTER—WALKING TALL" (113 Min.)

Bo Svenson, Margaret Blye
(Action Drama) Tennessee Sheriff Buford Pusser (Svenson) has cleared McNairy County of organized crime members who take over a club just over the county line. When henchmen kill a female friend of Pusser, he can no longer control his rage and keep his actions within the law. (R)

SUNDAY

7 MAY

"KINGDOM OF THE SPIDERS" (101 Min.)

William Shatner, Tiffany Bolling, Woody Strode
(Horror Drama) Woody Strode's prize cow is attacked by spiders and killed. Entomologist Tiffany Bolling comes to assist veterinarian Shatner and reports that spider venom killed the cow. Strode takes Shatner and Bolling to a giant spider hill where tarantulas abound. Bolling notes that the venomous spiders, now rapidly multiplying, have organized into an army. (PG)

WEDNESDAY

10 MAY

"KID VENGEANCE" (90 Min.)

Lee Van Cleef, Jim Brown
(Western) A pioneering family composed of Matthew, Beth and their two children Lisa (16) and Tom (12) is on its way to the West in search of a new life. They run into the McLain gang who, in one vicious afternoon, force Beth to cook for them and as the party grows more drunken, they force her to dance with them. The climax of the party is McLain's rape of Beth and the death of Matthew. The final blow is the murder of Beth. The gang then flees the camp, taking the family's wagon and Lisa (Blynnis O'Conner), who has been hiding there. Tom, who has been hiding in the woods and has witnessed the horrible scene, turns into a young murderer driven by revenge. (R)

FRIDAY

12 MAY

"DIGBEY, THE BIGGEST DOG IN THE WORLD" (89 Min.)

Jim Dale, Angela Douglas
(Comedy) Space research scientists spend more time eyeing an attractive widow than they do controlling their experiments. The result: her dog drinks one of their discoveries and grows to mammoth proportions. (G)

SATURDAY

13 MAY

"JONATHAN LIVINGSTON SEAGULL" (114 Min.)

James Franciscus as the voice of Jonathan
1:30 p.m. Matinee
(Fantasy) Seagulls fight for food thrown off trawlers or lying in garbage dumps. Jonathan teaches himself to fly higher and faster than any of the other gulls and to dive for fish in the ocean. His parents disapprove of Jonathan's "radical" ideas and his striving for perfection, while the elders of the flock banish him. (G)

☆ U.S. Government Printing Office:
1978 — No. 124

From: _____	PLACE STAMP HERE
To: _____	

Annual Navy Relief Society fund drive begins May 13

The annual call for contributions to the Navy Relief Society will begin Saturday, May 13, and continue through June 16, LCDr. Marvin E. McWherter, this year's NWC fund drive committee chairman, has announced.

The timing of this yearly fund-raising effort, which provides the means for the Navy to help its own in time of emergency or personal distress, coincides with the anniversary of the crucial Navy and Marine Corps sea and air battles of the Coral Sea and Midway Island during World War II.

The Navy Relief Society (NRS), which was founded in 1904, is the naval service's own private, charitable organization. It provides emergency assistance in time of need for Navy and Marine Corps active duty and retired personnel, their dependents, surviving widows and children.

This annual appeal has a double purpose: (1) to make all Navy and Marine Corps personnel aware of the availability of the services of the Society, and (2) to solicit voluntary contributions so that timely and appropriate assistance can be rendered

when emergencies strike.

In order to be able to continue its work of rendering aid in times of need to Navy and Marine Corps personnel, a generous response is needed.

Financial assistance may be in the form of an outright grant, a loan without interest, or a combination of the two — depending upon the ability of the individual to repay a loan in his or her particular circumstances. Assistance to dependents of deceased personnel is almost invariably a gift.

The NRS is organized on a national basis

and operates through 55 auxiliaries and 59 branches located at principal Navy and Marine Corps bases and stations throughout the world. A total of 50 social workers and 49 visiting nurses are employed, and overhead is kept at a minimum by utilizing the services of more than 6,000 volunteers.

Since 1907, the NRS has received casualty reports of Navy and Marine Corps personnel and, after a death becomes known, the society writes or calls the widow to offer assistance. In addition, there have been

(Continued on Page 7)



Naval Weapons Center
China Lake
California

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INSIDE . . .

Toastmasters' Spring Conference 2
Navy League To Install Officers 3
Federal Women's Program Set 4
Rabies Clinics Scheduled 5
Sports 6
OP-96 Assignment Open 7
Cinco de Mayo Fete Planned 8

Navy's Vertical Launching System successfully used in test of ASROC missile

A controlled anti-submarine rocket (ASROC) test vehicle was successfully launched from an engineering development model (EDM-I) of the Navy's Vertical Launching System (VLS) at the Naval Weapons Center on April 20.

This test, along with a preceding Harpoon ballistic firing from the same launcher, is part of a program designed to demonstrate the feasibility of using the VLS to launch a variety of missiles. A primary objective of the ASROC flight was to demonstrate the ability of thrust vector control (TVC) to quickly maneuver the airframe to the proper flight trajectory.

Less than half a second following the

launch, the missile's autopilot commanded it to begin a preprogrammed pitch-over maneuver to a 45-degree trajectory. The maneuver began 50 ft. above the launcher and was completed approximately 2 sec. after launch.

A programmed staging sequence then took place during which the rocket motor separated from the airframe after being expended, and the airframe parted from the dummy torpedo at 40 sec. Upon airframe separation, a parachute deployed to stabilize and slow the torpedo's descent.

The flight lasted 80 sec. and preliminary analysis of telemetry data indicated that all test objectives were met with all systems functioning as planned.

The launch was the latest in the Center's Vertical Launch Prototype Demonstration Program, which is sponsored by the Naval Sea Systems Command's Prototyping Office and Naval Sea Systems Command Code 0331.

Key Project Personnel

The program manager is Bob Dillinger, head of the Systems Technology Branch in the Ordnance Systems Department's Propulsion Systems Division. Project effort is being directed by Mike Ripley, project engineer, and Scott O'Neil, vertical launch systems engineer.

The missile maneuver was accomplished with a propulsion and control system developed by the Center's System Technology Branch specifically for the ASROC demonstration. However, the ultimate goal, according to Ripley, is to develop a modular unit consisting of a digital autopilot, a TVC unit and a booster motor, which will give vertical launch capability to a family of missiles.

Principal Components Tested

The system tested included a booster motor, a TVC unit and an analog autopilot. The autopilot and all control electronics were designed and built by Phil Bowen and George Teate of the Weapons Department's Electronics Systems Branch. Flight data were monitored and recorded by a telemetry unit designed by the Telemetry Technology Branch.

The TVC unit, assembled by project technician Bob Willard, is a propulsion steering device that causes a missile to change course when vanes inside the tail-mounted unit deflect exhaust gases.

The EDM-I launcher was built by Martin Marietta Corp. under a Navy contract to develop the VLS. The system will eventually enable Navy surface ships to launch missiles in rapid succession and in several

(Continued on Page 7)



ANTENNA INSTALLED — NWC Vertical Launch Prototype Demonstration Program personnel install a wrap around antenna on the ASROC missile that was successfully launched from the vertical launcher. They are (l. to r.) Scott O'Neil, Mike Ripley and Bob Willard of the Systems Technology Branch. Ripley is the program's project engineer.
—Photo by Ron Allen

More details announced of Armed Forces Day observance on May 13

Arrangements to have some of the Navy's newest high performance aircraft flown in for display are among the preparations now being made for Armed Forces Day 1978, which will be celebrated locally on Saturday, May 13.

Aircraft on display at Armitage Field between the hours of 10 a.m. and 4 p.m. will include 11 types now being used in NWC's test and evaluation work. These are the A-4, A-6, A-7, OV-10, T-38, F-86, AH-1J Cobra, C-1, C-131, UH-1N, and the new TA-7C two-seater.

Scheduled to be flown in especially for display on Armed Forces Day are the F-15, the Air Force's new air superiority fighter; and the A-10, the latest close-support aircraft. Both of these aircraft are based at the Air Force Flight Test Center, Edwards Air Force Base. From NASA at Edwards will come the F-104 and T-37, aircraft that the astronauts use extensively for training flights.

Displays at Hangar 3

Displays inside Hangar 3 at Armitage Field will include radio controlled model aircraft (including a helicopter and a scale model of a World War I artillery observation biplane), sailplanes, powered sport aircraft, and pattern aircraft, all constructed by members of the Valley Vultures model airplane club. In addition, mobile land targets, an explosive ordnance disposal unit display, the M-53 mobile gun, and other ordnance will also be on display in the hangar.

The China Lake Mountain Rescue Group and the Indian Wells Valley Search and

Rescue Group will put on demonstrations, and refreshments will be served by the Navy Exchange (beer and hot dogs) and the Ridgecrest Boy Scouts (soft drinks and snow cones).

Also included in the day's events will be open house tours, special displays, and movies. NWC films will be shown in the Panamint Room of the Community Center between the hours of 10 a.m. and noon and from 1 to 3 p.m.

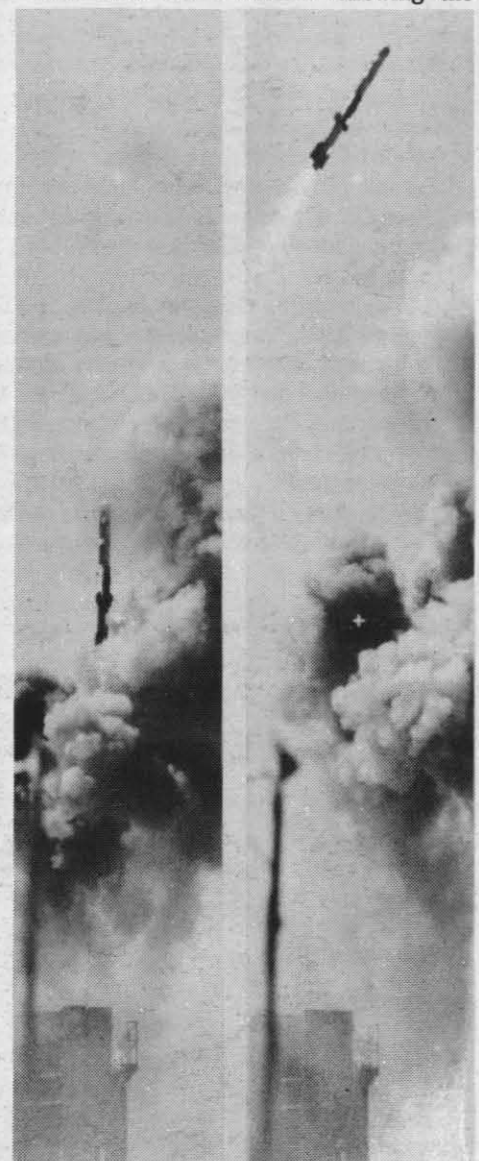
Films on NWC ranges, a change of command ceremony, the Supersonic Naval Ordnance Research Track (SNORT), and the Center's mission, work, and people will be shown. The popular "299 Foxtrot," a nostalgic look at the last B-29 to be flown out of China Lake, will be included.

Navy Lunch Planned

A special Navy lunch at the Enlisted Dining Facility will be served to holders of advance-sale tickets. Another good place place to eat lunch will be at the band concert and picnic, to be held on the Administration Building lawn between 11 a.m. and 4 p.m. Hot dogs, desserts, and drinks will be on sale by the Music Parents Club and Burroughs Band Boosters.

Those attending the band concert are also encouraged to bring their own sack lunches since barbecue facilities will not be provided this year. The "now" sounds of Sonora Del Mar, a Navy band from San Diego, will be featured, as will be melodies of the Cerro Coso Stage Band and four other local school bands.

(Continued on Page 4)



SUCCESSFUL LAUNCH — A thrust vector controlled ASROC missile exits the EDM-I vertical launcher and begins its maneuver into target trajectory. This was the first controlled pitch-over flight from the VLS and it occurred April 20 at the Naval Weapons Center.

China Lake Toastmasters to host spring conference of District 33

The Chief Petty Officers' Club on the Naval Weapons Center will be the setting this Saturday and Sunday for the annual spring conference of District 33 of Toastmasters International.

This is the first time in the 25-year history of the local group that the China Lake Toastmasters Club has won the coveted honor of hosting this event.

Guest of honor and featured speaker at the Saturday night dinner, which will be a highlight of the conference, will be R. M. Hillyer, NWC Technical Director. His topic will be "Top Management and the Communication Process."

Toastmasters International regional and district officers, as well as representatives of clubs from various parts of central California, Nevada and some parts of Arizona, will be here for the conference, which will begin with a luncheon at 11:30 a.m.

Following welcoming remarks by Harry Parode, NWC Public Information Officer, the luncheon will be highlighted by a debate between two of District 33's top-ranked 2-man debate teams on the subject: "Resolved: That Congress adopt a compulsory national health plan for all Americans."

Other activities on Saturday afternoon will include an educational session that will be conducted by Terry McCann, executive director from headquarters of Toastmasters International in Santa Ana, Calif. His subject will be "Leadership Style."

A social hour at 6 p.m. will precede the dinner at which Hillyer is to speak. Other participants in the evening's program will be John Latin, director of Region 2 of

Toastmasters International from San Dimas, and Joe Giuffre, the governor of District 33 of Toastmasters International from Bakersfield.

A business session for the purpose of electing new officers of District 33 will begin at 9 a.m. Sunday and, following lunch from 11:30 a.m. to 12:30 p.m., nine Toastmasters Club members (one from each of the nine areas in District 33) will compete for the honor of winning the District 33 speech contest.

Attendance at the District 33 Toastmasters International spring conference is open to the public; however, for planning purposes advance reservations must be made. This can be done by calling either Ravindra Jain, the conference chairman, at 375-7802, or Platzek, president of the China Lake Club, at 375-5620.

O'Laughlin chosen for post of deputy fire chief at NWC

Leroy O. O'Laughlin became the Naval Weapons Center's deputy fire chief April 24, replacing Bill Pahl who has retired and moved to San Diego.

In 1969, O'Laughlin began his career at China Lake as a fire fighter and has worked his way up through the ranks to his present position as the number-two man in the



Leroy O. O'Laughlin

Center's Fire Division.

From fire fighter, he became a driver-operator, then a crew chief. Next came his promotion to captain. In 1976, he was named an assistant fire chief and was placed in charge of one section.

As deputy fire chief, O'Laughlin is Fire Chief R. E. Rightmer's second in command. He is responsible for the operation of three fire stations and related equipment, including four structural truck companies, two crash trucks, three ambulances, and one rescue truck.

O'Laughlin, a native of Ottumwa, Iowa, was a member of the Naval Ordnance Test Station crash crew from 1962 to 1965 while he was on duty here as a Navy aviation boatswain's mate. He is a graduate of Aviation Boatswain's Mate "A" school.

He, his wife Georgie, and their children, Tammy, and Lee, Jr., live in Ridgecrest.

Promotional Opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment 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 opportunities may be obtained from your Personnel Management Advisor (Code 094 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 supervisor 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-116, while those for all WG, WL and WS positions are defined in CSC Handbook X-116C.

Sign Painter Helper, WG-4104-S, JD No. 541N, Code 26442 (1 vacancy) — This position is in the Public Works Department, Maintenance-Utilities Division. The incumbent will assist journeyman, or work under supervision, in duties involving work on layout and painting of signs, posters, and identifying symbols. Will assist in applying pressure sensitive reflective sheeting, etc. Helps make pattern with perforating wheel and transfers design to work areas by pounding. Assists in blocking: shades letters using pen, brush, etc.; mixes paint after being told ingredients to use; assists in preparing silk screens and helps in reproducing design using silk screen. Cleans paint brushes, buckets, sign painter tools, and shop areas. **Job Relevant Criteria:** Reliability and dependability shop aptitude and interest, ability to follow directions in shop dexterity and safety, ability to work as a member of a team.

Sheetmetal Mechanic, WG-3802-10, JD No. 217-2N (1 vacancy), Code 24411 — This position is in the Public Works Department, Maintenance-Utilities Division. The incumbent works with sheetmetal of 10 to 26 gauges in thickness (.019 to .125). Occasionally works with thinner metals or to 1/4 inch in thickness. Lays out, fabricates, assembles, installs, and repairs objects and equipment. Works from blueprints, sketches, and oral instructions. Checks blueprints against actual measurements at the job site. Forms, fits, and assembles sections to form unit desired. Uses all hand tools, bench tools, and power machines of the trade such as snips, scribe, dividers, punches, bar folders, beading machines, lock formers, drill presses, etc. Fabricates, assembles, and installs boxes, ventilation ducts, gutters, flashing, cornices, cabinets, doors, heating and cooling units, tables, desks, panels, etc. Performs any other related work as assigned. **Job Relevant Criteria:** Knowledge of equipment, instructions, specifications, blueprints; layout and pattern development; hand and power tools, materials, ability to do the work without more than normal supervision.

Mobile Equipment Servicer, WG-5806-S, JD No. 528N, Code 2674 (1 vacancy) — This position is in the Public Works Department, Transportation Division. The incumbent performs semi-skilled work in connection with the routine maintenance and servicing of automotive equipment. The incumbent services, lubricates, and drives automotive vehicles and trucks; services with fuel, oil, water, air, and anti-freeze, changes and repairs tires and tubes, services and changes batteries, checks brakes, fan belts, etc.; washes and waxes sedans, washes and steam cleans vehicles, and performs other duties as required. **Job Relevant Criteria:** Ability to do the work of mobile equipment servicer without more than normal supervision; ability to service and maintain vehicles, ability to use manuals, specifications, catalogues, etc.; ability to use measuring equipment, ability to use hand and power tools, troubleshooting and testing.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 210, Ph. 2032.

Engineering Data Management Specialist, GS-301-12, PD No. 7834073E, Code 3451 — Position is located in the Data Acquisition and Control Branch, Technical Data Division, Engineering Department. The incumbent (1) plans, programs, implements and monitors the acquisition of the technical documentation required throughout the life cycle of a weapon system or prime equipment; and (2) provides liaison with outside agencies and contractors on the weapons systems data requirements during development, prototype production, pilot production, Fleet introduction and Fleet use. He coordinates the technical data effort in all phases by personal contact with the participating activities. Where delegated by the applicable Navy Command, technically monitors the data programs of various contractors and military agencies who are supplying services to the assigned weapon system. Minimum qualification requirements are: (1) 3 years of general experience, which includes administrative or

technical experience that demonstrates possession of the ability to read and interpret contracts, blueprints, and technical publications; a practical knowledge of engineering planning, budgeting, and organization and of the preparation of publications, drawings, specifications, or other forms of Military Documentation; and the ability to write and speak clearly, and (2) 3 years of specialized experience that demonstrates ability to review specifications and standards for Weapon System applicability, read and interpret ECP's to determine contract impact, write Contract Data Requirements Lists, prepare budget estimates for technical data preparation, and act as a focal point for all data requirements on a weapon system. Employees who meet these minimum qualification requirements will be ranked based upon comparison with the following Job Relevant Criteria: (1) Knowledge of specifications/standards and instructions including the following: DDINST 508.12, NAVMATINST 4000.15A, AFSC/AFJC 310.1, AFSC 375.1, MIL-D-1000, MIL-STD-100, MIL-STD-480, MIL-STD-481, MIL-STD-482, MIL-STD-490, MIL-S-83490, DSM 41203-M, DODINST 7000.6, DODINST 7000.7, NAVMATINST 41301, NAVAIRINST 41301, IDP 2618. (2) Sufficient technical background to enable understanding of complex electronics and electromechanical weapon system requirements; and (3) An understanding of drawing and configuration management background in order to understand the configuration accounting and control system which is required on the designated program.

Electronics Technician, GS-556-7/8/9/10, PD No. 7834074N, Code 3423 — Position is located in the Production Engineering Branch, Engineering Design Division, Engineering Department. Incumbent is responsible for preparing and accomplishing complete system tests on passive infrared detecting missile guidance and control groups. Is required to test over one hundred separate parameters in the missile, perform various mathematical calculations on the data collected, and apply electronic and mechanical engineering principles to determine the quality of the tested system. Incumbent is required to participate in supercritical tests of the Guidance Control Groups (GCG). Is required to utilize his knowledge of missile GCG's, optical devices, and electronic circuits in the design, development and maintenance of specialized test equipment. He is required to investigate, evaluate, and analyze the nature of any optical, infrared, or electronic malfunctions in the missile GCG, and to repair it, or refer it to specialized facilities for repair. **Job Relevant Criteria:** One year of recent and progressive Siderwinder and/or Chapparral experience is preferred. Must possess the ability to perform algebraic mathematical calculations required for the design test arrangement and equipment. Must have the ability to deal effectively with personnel of varying technical backgrounds, both civilian and military, from DoD and non-government activities.

File applications for above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2925.

Chemist, GS-1320-11, 12, PD No. 7832023E, Code 3264 — This position is located in the Explosives Formulation Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent conducts applied



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
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
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS 1115 to 1130
Saturday 1415 to 1645
Sunday 0800 to 0825
RELIGIOUS EDUCATION CLASSES
Sunday First thru 6th grades 1015
Sunday Pre-school & kindergarten 1115
Sunday seventh & eighth (Junior High) 1900
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday evening Ninth thru 12th grades
As announced "In Home" Discussion Groups Youth Rallies
Contact Chaplain's Office for specifics.
JEWISH SERVICES
EAST WING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept.-May) 1930

IDEA WORTH DOLLARS—Edward Marquez, an equipment mechanic in the Public Works Department's Machine Shop, was the recent recipient of a \$100 Beneficial Suggestion award for coming up with the solution to a safety problem. The remedy involved rerouting some piping and plumbing in equipment pits at the new Bachelor Enlisted Quarters on the Center. The Beneficial Suggestion award was presented to Marquez (at left) by Capt. R. B. Wilson, his department head.

Navy Relief...

(Continued from Page 1)

numerous instances in which the society has helped families of Navy men who have gone to sea or Marines sent to quell disturbances in foreign lands without providing allotments for their families. Sometimes allotments have been made, but not received.

When this happens, the society steps in with cash to help keep wives and children "afloat" until money starts coming in again.

Other typical reasons for which financial aid may be granted to an active or retired serviceman or woman and their dependents, or a widow, minor orphan children or truly dependent parents are:

Travel in special cases of illness or death; funeral expense — there is a \$500 limit to help cover basic funeral costs; vocational training for widows and orphans in approved public and private schools when needed to make a living.

NRS also provides special care and training of handicapped children, including temporary placement pending admission to an institution, as well as special assistance to widows and dependent mothers over 65 years of age.

Among other types of financial assistance provided by NRS are counseling on financial matters and referrals to community resources with special attention to the young serviceman or woman and service family; visiting nurses who assist mothers, newborn infants and the elderly when they are in need of medical attention at home; and there is an educational fund which provides opportunities for higher education to dependent children who might otherwise be unable to pursue their education beyond high school.

These educational loans are interest free, as are all loans made by the Navy Relief Society. The Educational Fund has assisted more than 5,000 students in recent years with loans of almost \$7 million.

Since the NRS functions to aid Navy and Marine Corps personnel and their dependents, this drive will be pointed toward military personnel, but civilian friends of the Navy are encouraged to contribute toward its success.

Besides LCDr. McWherter, the 1978 NWC fund drive chairman, other members of the fund drive committee are Maj. B. K. White, USMC, who is coordinating efforts in connection with the Navy Relief queen contest; LCDr. Richard Neilsen, Lt. Charles Schneider, Lt. John Everson and Lt. George Dairns.

Last chance...

(Continued from Page 6)

In the Burros' last turn at the plate, Peck led off with a single and Christiansen followed with a double that put runners on second and third. Sterrett drew a walk to load the bases before Terry Gaunt hit a fly ball to the outfield which enabled Peck to score from third base.

Disaster then struck for the Burros, who had runners on first and third and just one out chalked up against them. A line drive straight at Terry Husband, the Quartz Hill short stop, was caught for out No. 2 in the bottom of the seventh and, on the same play, Sterrett was caught off the bag at first base to end the game.

Softball tourney...

(Continued from Page 6)

were defeated 13-9 by Title Service of Fallon, Nev., in their first game, but then picked up a win, 12-3, at the expense of the Black Sheep before losing a thriller, 15-14 to the Tribe.

As for the Marauders, another local team, they were quickly eliminated from the tournament as a result of losing to Nellis AFB, 14-1, and to the Tribe, 41-2.

The Zephyrs, of the China Lake Intramural Softball League's slow pitch division, edged Nellis AFB, 9-8, in their first tournament contest, but lost their next two games to Title Service and the Tribe by scores of 15-2 and 13-1, respectively.

Vertical launch successful...

(Continued from Page 1)

directions from a single, statically-mounted launcher. This would eliminate the need for the large, costly trainable launchers currently in use and transfer many fire control functions from the ship to the missile itself.

The Naval Weapons Center has been conducting vertical launch research and development for the past eight years. During this time, Center efforts have resulted in several technological developments in vertical launch, including the application of TVC, Program Manager Dillinger said.

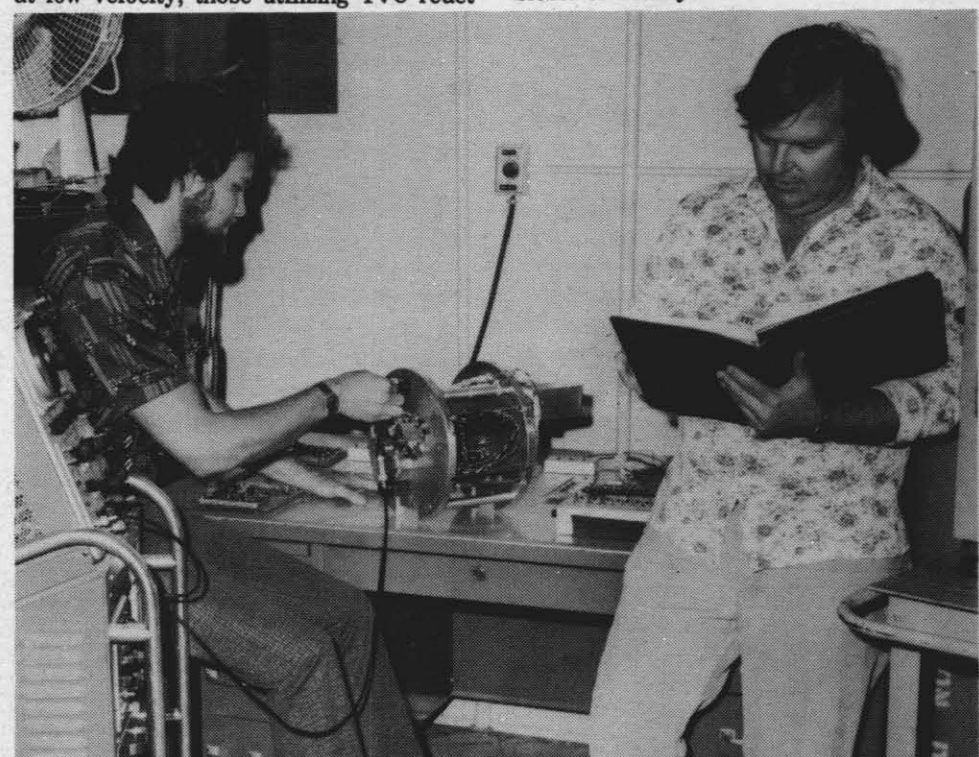
Whereas aerodynamically controlled missiles are least responsive to command at low velocity, those utilizing TVC react

best under this condition, he explained.

With the vertical launch application, a thrust vector controlled missile can quickly enter the desired trajectory and reach the target faster at a much lower apogee than one controlled aerodynamically.

By combining the two concepts of vertical launch and TVC, Center weapons system specialists envision a future scenario in which a Navy surface vessel fires three missile types within seconds of each other and from a common launcher. The missiles would be targeted in different directions and to air, surface, and subsurface targets.

The recent successful ASROC launch was a significant step in bringing this concept closer to reality.



AUTOPILOT CHECK — Phil Bowen (left) and George Teate, of the Naval Weapons Department's Electronics Systems Branch, check out the autopilot portion of the ASROC propulsion and control module prior to installation on the missile. —Photos by Ron Allen



LAUNCHER INSPECTION — Lt. M. J. Watson (left) and Robert Dillinger inspect the EDM-1 vertical launcher at NWC prior to the successful launch of a thrust vector controlled ASROC missile on April 20. Lt. Watson, of the Naval Sea Systems Command in Washington, D. C., is the vertical launch prototyping project officer, and Dillinger is program manager for the Center's vertical launch program.

Youth soccer...

(Continued from Page 6)

Dan Towson, who fed the ball to Rindt as he was moving in close to the left side of the Rogue's goal, and Rindt blasted it into the net. The Cosmos barely missed scoring again when a penalty shot bounced off the top of the crossbar.

The Rogues were led on offense by Mike Ackerman and Rich Moreno. Their top player on defense was Richard Cruise.

Games scheduled tomorrow at Davidove Field are: Atoms vs. Rogues, 9 a.m.; Spirits vs. Cobras, 10:30 a.m., and Apollos vs. Eagles, 11:30 a.m.

Year-long assignment in CNO's Systems Analysis Division now open to NWC scientist or engineer

Applications are now being taken from GS-13 or senior GS-12 NWC scientists who are interested in a one-year career development tour of duty in the Pentagon (beginning July 1) as an operations research analyst on the staff of the Systems Analysis Division (OP-96) of the Navy Program Planning Office (OP-900).

Although experience in operations analysis is important and will weigh heavily in the selection, it is not absolutely mandatory if the applicant can demonstrate other experience or qualities that qualify him or her for the job.

Specifically, the incumbent will be a full-time working member of the Sea Control Forces Branch (OP-961). This branch is a group of naval officers and civilians who address specific issues in the general area of sea control.

OP-96 has five basic analysis groups or branches, and because of OP-96's broad Navy interests, the incumbent has the opportunity to look at Navy problems from the Chief of Naval Operations (OPNAV) point of view, instead of from the viewpoint of a field activity.

Consequently, the experience gained as an operations research analyst in the Pentagon will broaden the incumbent's perspectives.

Resumes of the three top applicants, as determined by a local selection committee (the NWC Technical Director, the head of the Laboratory Directorate, and the head of the Weapons Planning Group) will be forwarded to OP-961 for review. OP-961 may ask to personally interview one or more of the three top candidates.

All candidates must obtain the concurrence of their branch, division, and department heads, as they are expected to perform this duty on their own billet even though funding is provided by OP-96. In view of this, candidates must first convince their department chain-of-command of the

importance of such a tour of duty for them. Being in the Pentagon, the employee who is chosen from NWC will gain a broader understanding of the structure and nature of OPNAV and will make many contacts that will be valuable throughout his career in the Navy.

Since a part of the job involves attending important headquarter-level briefings on a broad range of Navy subjects, the incumbent will be able to contribute directly to vital Chief of Naval Operations issues that will go into the Navy's basic research and development planning guidance.

Additionally, the individual chosen for, those assignments will be an important point of contact between NWC and OPNAV, and will be expected to get NWC scientists and OPNAV personnel with similar interests in touch with one another.

Although this OPNAV/NWC liaison is important, the employee selected for this post will be primarily responsible as an analyst in OP-961, and his priorities will be OPNAV first, NWC second. He will have the opportunity to return on travel to NWC periodically during his tour of duty to brief Center personnel on his assignment and keep abreast of developments at China Lake.

Examples of tasks performed by previous incumbents include:

Development of a computer program for anti-air warfare (AAW) analysis, participation in hydrofoil ocean combatant study, analysis of AAW capabilities of guided missile destroyers, comparison of 5 in. and 8 in. guided projectiles, Fleet modernization program support, analysis of the Sea Phoenix concept, and anti-ship missile defense analyses.

This program has the complete backing of NWC top management as an outstanding career development opportunity. Potential candidates are encouraged to talk to other Centerites who have already served such

tours, or to contact Frank Knemeyer, head of the Weapons Planning Group, or Al Goettig, senior associate in Code 12.

Those with experience as operations research analysts on the staff of the OPNAV Systems Analysis Division who can be interviewed are:

Gino LaMarca, program director for Sea Control Studies, Code 127, call NWC ext. 3924; John Freeman, an operations research analyst involved in Code 12's V/STOL B Study, call NWC ext. 2875; Dietrich Trenner, an operations research analyst for R&D Planning in Code 12, call NWC ext. 3032; and Doug Kinney, program director for Power Projection Studies in Code 122, call NWC ext. 3811.

The present incumbent is Fred Bien, who can be contacted by calling Autovon No. 227-8087. His tour of duty is expected to end around June 30, and current applicants would be expected to report to OP-961 shortly after that date.



DUAL AWARD—Service pins denoting 30 years of Federal service and 30 years at the Naval Weapons Center and its forerunner (the Naval Ordnance Test Station) were presented recently to Martin Pallas (at left) by Capt. R. B. Wilson, head of the Public Works Department. Pallas, who is a motor vehicle operator, has been employed in the Transportation Division of Code 26 since 1951. He joined the work force at China Lake in February 1948.

New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are Tuesday thru Friday: 1-9 p.m.; Saturday: 12-6 p.m.

Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library.

FICTION

Gardner Dozois—Strangers.
Graham Greene—The Human Factor.
Rosemary Jarman—Crown in Candlelight.
Anton Meyer—The Last Convertible.
Silvia Tennenbaum—Rache, The Rabbi's Wife.
Gore Vidal—Kalki.

NON-FICTION

Hannah Arendt—The Life of The Mind; v.1: Thinking; v.11: Willing.
Erna Bombeck—If Life Is a Bowl of Cherries—What Am I Doing in the Pits?
Olga Ivinskaya—A Captive of Time.
John McPhee—Coming Into the Country; Contemporary Alaska.
Thomas L. Quick—Person to Person Managing; Executive's Guide to Working With People.
Michael Walzer—Just and Unjust Wars; a Moral Argument.

The Rocketeer

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NWC Commander

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Technical Director

Dr. Robert H. Pearson

Head,

Technical Information Department

Don R. Yockey

Editor

Dan Tikalsky

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Gizelle Matulef

Editorial Assistant

Ron Allen

Staff Photographer



DEADLINES

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed 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 NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander. Code 003.
Phones 3354, 3355, 2347



Season's 2nd half to begin for American Div. soccer teams

The first half of play in the American Division of the Youth Center Soccer League came to a close last Saturday with four of the five teams in the division stacked up within one game of each other in the standings.

The Apollos, who lead the American Division with 2 wins and 2 ties, were held to their second tie game as they battled to a 0-0 draw with the Cobras last Saturday at Davideo Field.

Defense was the key to this contest. The outstanding players in this category were Eric Hampton, Carolyn Stevens and Shannon Haaland of the Apollos, and Kyle Blecha, John Patton and Jay Okamoto for the Cobras.

Penalty Kick Wins Game

In another American Division contest, a penalty kick that resulted in a goal being scored after time had run out at the end of the game gave the Eagles a 2-1 win over the Thunderbirds. Craig Rindt booted home the game-winning goal as well as a goal earlier in the game to account for all of the scoring by Eagles.

The Thunderbirds were trailing 1-0 when Roger Smith evened the score, and the game remained tied at 1-1 until the penalty kick by Rindt.

In addition to Rindt, Doug Dragovich, Peter Vigil and Brian Hayes were standouts on offense for the Eagles, and Griff Davies turned in a good game on defense for the Thunderbirds.

Cosmos Win Two Games

In the National Division, the Cosmos played and won two games last week. On Wednesday, April 26, they defeated the Atoms, 2-1, and last Saturday edged the Rogues, 1-0.

Paul Roper tallied twice for the Cosmos in their win over the Atoms—first on fast break through a drowsy Atom defense and then on a deflection of a hard shot by Tim Towson. The Atoms countered with a single goal that was scored by John Andre.

Defensively, the Cosmos were led by halfback Leslie Hayes and goalie Mark Erickson.

During their 1-0 win on Saturday over the Rogues, the game's only score was set up by (Continued on Page 7)

Tennis tourney victories increase VX-5 lead in competition for Admiral's Cup

Air Test and Evaluation Squadron Five (VX-5) last week added to its lead in the 1977-78 Admiral's Cup point standings by winning the tennis competition against teams from NWC North (airfield) and NWC South (mainbase).

The netters from VX-5, led by their Skipper, Capt. L. E. Giuliani, won five straight singles matches over their opponents from NWC South to open the Admiral's Cup play in tennis.

In addition, to Capt. Giuliani, other winners in the VX-5 vs. NWC South match were Lt. Mike Vogt, Lt. Larry Thompson, Lt. Mike Kasper and AN Larry Sandoval. Each of them won their individual contest two games in a row in what was a best two-out-of-three game matchup.

Competing against the racket-swingers from NWC North, the Vampires of VX-5 lost one out of seven singles matches, as Lt. Bob Reusche came through with a win for NWC North over Lt. Vogt. The sixth and deciding win for VX-5 was posted by a Navy



—Photo by Elizabeth Babcock

REAL CROWD PLEASERS — At last Friday and Saturday evening's gymnastics show, real crowd pleasers were the Hi-Desert Tiny Tumblers, expert gymnasts who, at ages 6 to 9, are still too young to compete on the regular city recreation team. Chris Vallelunga (left) and Shelly Cadari demonstrate their skill on the uneven parallel bars as part of the Tiny Tumblers' coordinated routine. The show, an annual event, features members of both the Burroughs High School girls' and boys' gymnastics teams, as well as the Hi-Desert Team. Profits from this popular event go to purchase gymnastics equipment for the use of gymnasts in both programs and in the city's developmental gymnastics program.

Team from Paramount dominates slow pitch softball tournament

Gusty winds and astronomical scores turned out to be two of the most outstanding features of a Special Services Division-sponsored slow pitch softball tournament played last weekend at China Lake.

The May-Tool team from Paramount, Calif., dominated the tourney by winning all four of its games in convincing fashion—particularly the championship "contest" on Sunday afternoon by a final tally of 57-18. Along the way to the tourney title, the May-Toolers manhandled the Black Sheep, a local military team, 20-1; clobbered the Fallon (Nev.) Naval Air Station team, 33-7; and shutout the Title Service squad, also from Fallon, Nev., 10-0.

Eighteen homeruns were hit in the championship game on Sunday afternoon between May-Tool and a team called the Tribe from San Gabriel. Dave Klien, third baseman for the tourney champs who accounted for seven circuit clouts in this game, was awarded the tourney's "most valuable player" trophy.

After losing its first game, 17-6, to the NAS Fallon, Nev., team, the Tribe battled its way up through the consolation bracket in this double-elimination tournament to eventually wind up in the championship game on Sunday.

First to fall to the Tribe were the

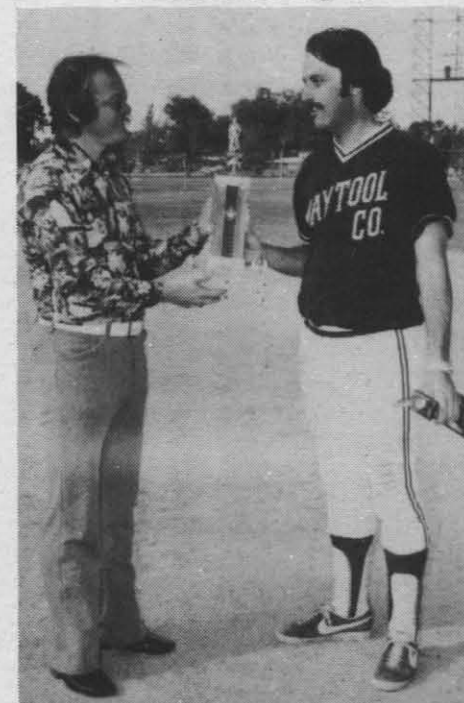
woman, Nancy Sharp.

Second place in the Admiral's Cup tennis competition was garnered by NWC North, whose players defeated NWC South 5 matches to 2. LCDrs. Hod Wells and Marvin McWherter were the lone winners in tennis for NWC South, while NWC North forged ahead on the strength of victories by Lt. Reusche, Cdr. Max Dixon, Fred Schlosser, Sam Thompson and another Navy woman, Becky Baker.

The VX-5 victory in tennis boosted the Vampires' point total in the Admiral's Cup standings to 36, while NWC South has 28, and NWC North is trailing with 20.

In contention for the athlete of the year award are LCDr. Hod Wells (NWC South), and A22 Sam Goode (NWC North), with 20 points each, and Lt. Nick Johnson (VX-5), who has 15 points.

The next Admiral's Cup event will be softball games that have been scheduled on Saturday, May 20.



OUTSTANDING PLAYER — Bob Huey (at left), head of the Recreation Branch in the NWC Special Services Division, presents the "most valuable player" trophy to Dave Klien of the May-Tool team — winners of the slow pitch softball tourney. —Photo by Ron Allen

One chance left for Burros to post win in Golden League play

In their 12th and final league tilt of the 1978 season, members of the Burroughs High School varsity baseball team will travel to Hart High School in Newhall today for a game that will get underway at 3 p.m.

This will be the last opportunity for the Burros, who have lost 11 previous league contests, to avoid a winless league season. In an earlier encounter with the Indians from Hart High School, the Burros were edged 1-0.

This turned out to be just one of four games the Burros have dropped by a single-run margin to Golden League opponents—the latest such loss having occurred this past Friday when the visitors from Quartz Hill killed a bases-loaded 7th inning rally by the Burros to escape with a 7-6 victory.

Rebels Score First

Brit Banks started things off in the first inning for the Quartz Hill Rebels with a lead off single which (due to an outfield error) he was able to stretch to three bases. Banks then scored on a ground ball that was hit to second base to give his team the lead at 1-0.

In the Burros' first time at bat, Randy Radcliff drew a walk, Frank Mayer was safe on an error, and Dave Cane laid down a bunt which was misplayed trying to pick off Radcliff going to third.

With the bases loaded, Jim Peck was out on a ground ball hit to second base that drove in Radcliff, and Bob Christiansen came through with a double down the third base line which enabled both Mayer and Cane to score and give the locals a 3-1 lead.

The Rebels responded with a 3-run outburst of their own in the top of the second frame. With two men on base as the result of a single and walk, Mike Shreck blasted out a wind-assisted three bagger that gave him two RBIs, and then scored moments later on ground ball that was turned into an out at first base.

Game Tied at 4-4

This turn of events left the Burros down by a single run, 4-3, but the BHS nine evened the score at 4-4 by pushing one run across in the last half of the second. Kevin Kurfman, who led the Burros with three hits in four trips to the plate during the Quartz Hill game, singled, moved to second on a sacrifice by Bill Bradberry, and advanced to third on a hit by Radcliff.

Kurfman then tallied when the Rebels' third baseman was unable to handle a hard hit ball off the bat of Cane.

Both teams were scoreless in the third and fourth innings, but the visitors from Quartz Hill worked a double steal play that produced a go-ahead run, 5-4, in the fifth frame.

The Burros countered, however, with a solo tally of their own in the bottom of the sixth which tied the game once again—this time at 5-5. Back-to-back singles by Sterrett and Kurfman and a walk issued to Radcliff loaded the bases. Mayer then drew a walk to force in Sterrett.

Coming to bat for Quartz Hill in the top of the seventh, Ken Williams singled, but was forced out at second. Kerry Levenson was safe at first on this play, but moments later Richard Webb connected with a hard line drive that was misjudged by the BHS centerfielder. Webb, who was credited by the scorekeeper with a three-base hit that drove in Levenson, also scored on the play.

(Continued on Page 7)

Tickets available for NAPA 400 stock car race

A limited number of reduced price tickets for the NAPA 400 stock car race that will be held on Sunday, June 11, at the Riverside International Raceway are now available at the Community Center.

The \$8 general admission tickets can be purchased for \$5, and reserved seat tickets also are available at a discount.

Additional information can be obtained by calling Art Amos, manager of the Community Center, at NWC ext. 2010.

RAadm. Harris to be speaker at Navy League installation

Rear Admiral William L. Harris, NWC Commander, will be guest speaker at the annual installation dinner of the Indian Wells Valley Council of the Navy League of the United States next Thursday evening, May 14.

New officers to be installed for their 1978-79 term of office are David O. Teasdale, president; Vivian Boultinghouse, 1st vice-president; Dr. Eugene Brandt, 2nd vice-president; Irene Rainey, secretary; John Di Pol, treasurer; Bill Rainey, judge advocate; Muriel Strayer, historian; and directors Manny Baker, Ralph Herrick, Loren Kinne and Dianne B. Murray. Ms. Murray is the outgoing president.

Installation ceremonies will be conducted by Ralph Herrick and Archie Meyer, who besides being a member of the local council is also a Navy League national director.

Attendance will be held to 200 persons and tickets, priced at \$7.50 each, must be obtained in advance. The reservation deadline is 10 a.m. Monday.

The affair will be held at the Commissioned Officers Mess beginning with a social hour at 6:30 p.m. followed by dinner at 7:30.

Reservations may be made by calling Loren Kinne's office at 375-1508 or Harry Parade's office at NWC ext. 3511.

Auction of surplus government property scheduled May 18

An auction of surplus government property will be held on Thursday, May 18, starting at 9 a.m. at the Community Center.

The many and varied items up for sale to the highest bidder will include vehicles (some 4-wheel drive), typewriters (both electric and manual), calculators, tape recorders, electrical and electronic equipment, pipe, missile containers, refrigerators, stoves, desks and evaporative coolers.

Anyone interested can inspect the items which will be sold at auction during regular working hours at Warehouse 41 and a nearby salvage yard located on Sandquist Rd. and 10th St. at the Naval Weapons Center.

On the day of the auction, prospective bidders will be registered starting at 8 a.m. at the Community Center.

Successful bidders will have any weekday until Thursday, May 25, to pay for and remove items before storage charges will be assessed. Anything purchased may be removed on the day of the auction, provided that payment for it is made in full.

Plans announced for EEO Awards luncheon May 23

Plans have been announced for the annual Equal Employment Opportunity (EEO) Awards luncheon at the Naval Weapons Center which will be held on Tuesday, May 23, starting at 11:30 a.m. at the Chief Petty Officers' Club.

Awards for outstanding contributions to the Center's EEO program will be presented by Rear Admiral William L. Harris, NWC Commander and EEO Officer.

A special sub-committee of the Center's EEO Committee made final selections for this year's awards from an outstanding group of individuals nominated by management and employees for their unusually significant contributions toward the furthering of EEO goals.

Luncheon reservations may be made by calling Becky Sorge, at NWC ext. 6391, or Mabel Hawley, ext. 3508. Reservations must be made by Friday, May 19.



ARMED FORCES DAY PLANS DISCUSSED — Members of the Armed Forces Day Committee met Tuesday to go over plans for the annual observance, which will be held on Saturday, May 13, at the Naval Weapons Center. LCDr. Ed Brooks (standing at left), chairman, and Lt. Bill Wilson, vice-chairman, go over checklist of details covering the day's special events. Looking on are (on left) Richard Stokes and Sgt. Mike Williams, representatives of the Public Works Department and the China Lake Police Division, respectively. On the right side of the table are Nancy Finney of Special Services, and Lt. Marc Phillips of VX-5. Other committee members aren't visible in the photo. The Naval Weapons Center will open its gates to the public on May 13 for a day of displays at Armitage Field and Michelson Laboratory, a band concert and picnic on the Administration Building lawn, films, a car show and a slow-pitch softball game between teams representing NWC and VX-5.

Special lunch, fund-raising dance to be on Armed Forces Day agenda

As part of the local celebration of Armed Forces Day on Saturday, May 13, the Food Services Division of the NWC Supply Department will prepare a special luncheon at the Enlisted Dining Facility.

Just 300 tickets for the lunch will be offered for sale. They can be purchased on Monday and Tuesday between the hours of 11 a.m. and 1 p.m. at the Food Service Office (Bldg. 851), which is located in back of the Police Station on Halsey Ave.

Cost of the complete meal that will be served is \$1.45 for civilian adults, military officers and retired military personnel; \$1.15 for active duty enlisted personnel, and 85 cents for children under 12 years of age.

The main entree will be steamboat round beef, and there will be soup, salads, baked potatoes, vegetables, and desserts (an ice cream shop dispensing sundaes and banana splits and a specially decorated Armed Forces Day cake).

Another activity of Armed Forces Day is a special dance being sponsored by the Indian Wells Valley Century Football Association.

All proceeds of the dance, which will feature the country-and-western music of popular entertainer Tony Booth, will go to benefit the Burroughs High School Stadium Improvement Fund.

Advance sale tickets, now on sale in Ridgecrest at Hucek Travel Service and at Baker Brothers furniture store, and at the Community Center at China Lake, are priced at \$3 each.

The bargain hunter can save by purchasing tickets ahead of time, since the price at the door at Joshua Hall beginning at 8 p.m. on May 13 will be \$4 each. Active duty military personnel will be admitted free of charge when they show their identification card.



AIR FORCE OFFICER REASSIGNED — As a memento of his nearly two years of duty at the Naval Weapons Center, Capt. Raymond E. Everett, USAF, was the recipient last week of an NWC plaque that was presented by Rear Admiral William L. Harris, NWC Commander. Capt. Everett, who has been the Air Force HARM project officer in the Electronic Warfare Office, left here last Saturday for Wright-Patterson AFB in Dayton, Ohio, where he will be attending the Air Force Institute of Technology for the purpose of earning a master's degree in aerospace engineering. Capt. Everett was accompanied to Ohio by his wife, Ruth, and their daughter. —Photo by PH2 Tony Garcia

Occupational safety survey to commence Monday on Center

An occupational safety survey of all areas of the Naval Weapons Center is scheduled to get underway on Monday and continue until May 26.

The safety survey will be carried out by a special task force of Navy safety personnel that has been organized by the Office of the Director of Naval Laboratories for the purpose of checking out all Naval Material Command labs.

W. T. Fine from the Naval Surface Weapons Center, White Oak, Silver Springs, Md., has been designated the Occupational Safety and Health Act (OSHA) survey field manager.

This survey is part of the overall Navy program to update facilities in order to meet or exceed safety and health standards established as the result of the Occupational Safety and Health Act of 1970. These OSHA standards will be used by the survey team as the basis for recommendations for facilities improvements.

A group of 15 personnel from six Navy laboratories, including four from the Naval Weapons Center, attended an intensive course on OSHA regulations and procedures at the NAVSURFWPCNEN White Oak Laboratory during the week of March 6, 1978. This course was conducted by Jack Hagerup, hazard control consultant for the National Loss Control Service Corp. of Fairfax, Va., who has had several years of experience in working with and instructing in OSHA requirements.

The four Centerites who attended this course are W. E. Smith, C. E. Willhite and A. D. Wiruth of the Safety and Security Department and M. J. Ashton of the Public Works Department.

These NWC employees will be joined by eight off-Center personnel to form at least five teams whose members will perform the survey of all Center buildings and areas. They are: Paul M. Cormier from the Naval Underwater Systems Center, New London, Conn.; Robert Boylan, Naval Air Development Center, Warminster, Pa.; Charles E. Roydhouse and Robert L. Malec, Naval Research and Development Center, Annapolis, Md.; Albert Blasco and William Fine of the NAVSURFWPCNEN White Oak Laboratory; Jack Townsend of the NAVSURFWPCNEN, Dahlgren, Va., and Jacob Rodriguez, Naval Oceans Systems Center, San Diego.

Management Innovator Award nominations being sought by ASPA

Nominations are now being accepted for the R. W. Bjorklund Management Innovator Award.

The East Kern County Chapter of the American Society for Public Administration (ASPA) sponsors this annual award in honor of the late Russell W. Bjorklund, former head of Central Staff.

The Bjorklund Award is designed to recognize publicly the person whose contribution reflects an imaginative and risktaking approach to improving management processes. Any line or staff employee of local, state, or federal government or the head of a community-related management function is eligible. The management innovation need not have occurred within the past year, but it should be recent.

Last year's winners were Jerry Reed, head of Test and Evaluation Long Range Planning, and Dennis Raz, a supervisory engineer in the Engineering Department. Reed, who is the recipient of a Congressional Fellowship, is now on a leave of absence in Washington, D.C.

Anyone wishing to make a nomination may obtain the necessary forms by calling Steve Kaupp at NWC ext. 2709 or Fred Nathan at ext. 3245.

Nominations must be received by Jackie Reed, Ridgecrest city clerk and ASPA secretary, by May 26.



HUSBAND PROMOTES WIFE — During her frocking ceremonies on April 27, Cdr. Frances Zuber, the Branch Medical Clinic's senior nurse, receives the silver oak leaf of her new rank from her husband, Sam, who is pinning the insignia on her uniform collar. Capt. R. W. Taylor, the clinic's officer-in-charge, has just read the orders of promotion. Cdr. Zuber has been selected for promotion to commander but has to wait for her promotion date. Since she is filling a job normally held by a commander, under Navy policy, frocking entitles her to full privileges of the new rank, but she will continue to receive lieutenant commander's pay until the promotion becomes official. The ceremony took place in Capt. Taylor's office. Her husband is a retired Navy chief warrant officer. —Photo by Ron Allen

Promotional Opportunities . . .

(Continued from Page 2)

research and experimental development to produce explosives having the chemical and physical characteristics needed for existing or anticipated future weapons. Studies the properties of new ingredients of formulations, with special emphasis on safety, stability, reactivity, and combustion characteristics. Investigates new fuels, binders and oxidizers, and new combinations of these ingredients for their effects on density, energy, and overall performance of solid propellants and explosives. **Job Relevant Criteria:** Knowledge of explosives formulations or chemical investigations pertinent to explosives; ability to plan and execute several complex research and development projects concurrently; ability to communicate correctly, clearly, and concisely, both orally and in writing.

Physical Science Technician, GS-1211-7 / 8 / 9 PD No. 832025N, Code 3244 — (Promotion potential: GS-10). Incumbent mixes explosives based on mix component percentages known to him or supplied by a senior chemist. Determines the required curing time and selects equipment necessary for safe processing. Prepares oven and control set up, and monitors curing process. Compiles data and analyzes it to see if the formulations will meet the objectives defined by senior chemist. **Job Relevant Criteria:** Knowledge of safety procedures associated with explosives; knowledge of mixing, forming, and testing of explosives and/or propellants; skill in written and oral communication.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2392.

Supervisory Firefighter, GS-081-7, PD No. 774020, Code 242 — This position is a captain in the Fire Division of the Safety and Security Department. Primary purpose of the position is to supervise crews assigned in the performance of tasks required in carrying out fire protection and fire prevention programs at this activity. The incumbent supervises crews, exercises administrative responsibility, conducts training, and maintains records and reports as required. **Job Relevant Criteria:** Knowledge of all phases of firefighting involving weapons, aircraft structures, flammable liquids and explosives. Ability to communicate with others effectively both orally and in writing. Ability to provide incentives, train, and work effectively with subordinates. Ability to plan initial attack and place firefighting equipment to facilitate rescue and best control to extinguish fires. Ability to supervise personnel or demonstrated supervisory potential. Knowledge of all instructions designated by OPNAV, NAVMAT, NAVAIR, and NAVFAC pertaining to fire protection and fire prevention as well as Fire Division instructions. Knowledge of firefighting, and rescue equipment. Knowledge of and the ability to schedule and complete all maintenance requirements for fire hydrants, fire hose, fire extinguishers etc. This announcement will be used to

Armed Forces Day...

(Continued from Page 1)

A new event on Armed Forces Day this year will be an NWC vs. VX-5 slow pitch softball game that will be played at Schoeffel Field, starting at 2 p.m. At stake in this contest will be possession of a large, perpetual trophy.

Another big event of the day will be the automobile and special-purpose vehicle show, which will occur in the Administration Building parking lot between noon and 3 p.m. Some classic beauties and racy custom automobiles will be on display, as well as special-purpose vans, boats, and motorcycles. Awards for "best of show" in a number of categories will be presented at the bandstand at the conclusion of the vehicle show.

establish the promotion register for Firefighter GS-081-7 which will remain in effect until May 1979.

Communications Operator, GS-081-5, PD No. 784011, Code 242 — This position is located in the Fire Division of the Safety and Security Department. Major duties include maintaining an alert watch in the dispatcher's office in the event of fire, injury or disaster. The incumbent must understand and keep current on the location of all Fire Division apparatus, equipment and personnel by keeping an accurate log of all movements. The incumbent must know the procedures to take in case of a major emergency, the Gamewell Fire Alarm equipment, running schedule, and be able to assume the duties of driver-operator which includes knowledge of the operation of all firefighting equipment/apparatus, their placement and capabilities. **Job Relevant Criteria:** Knowledge of communications equipment, familiarity with terminology and nomenclature associated with communications equipment (i.e. radio transmitters, receivers and telephones). Knowledge of the physical layout of NWC including Armistage Field. Ability to deal effectively with people at all levels of the organization. Knowledge of Navy and Center instructions pertinent to Fire Division operations. Knowledge of procedures to take in case of medical emergency, major fire, civil defense emergency or mutual aid response.

File applications for the above with Charlotte Sackowski, Bldg. 34, Rm. 208, Ph. 3118.

Secretary, GS-318-4 / 5, PD No. 7508073, Code 083 — This position is located in the Budget Division Office, in the Office of Finance and Management. The incumbent is responsible for providing administrative/clerical support to the supervisor; maintains calendar, files, etc.; reviews and directs incoming mail to the appropriate official; prepares routine correspondence, schedules meetings and conferences, and arranges travel. **Job Relevant Criteria:** Must be familiar with Navy correspondence format and files; knowledge of Center organization and policies, must be proficient typist, must be able to screen inquiries and solve problems with limited amounts of guidance. Status eligibles may apply.

Multitask Operator (Total Copy System) Foreman, WP-4417-56, JD 571, Code 2343 — This position is located in the Reprographics Section, Printing and Reproduction Branch, Graphic Arts Division, Technical Information Department. The function of this position is to schedule and assign the work of the Reprographic Section. Trades supervised are Xerox machine operator, multitask operator (Total Copy System), and bindery worker. Supervision involves preparing job estimates, resolving scheduling problems, inspecting finished work, and assigning overload work to Navy authorized contractors. Work involves record keeping on equipment, materials, and production. Duties include technical responsibility for the trades supervised and supervisory responsibility for granting leave, evaluating performance, maintaining discipline and morale, etc. Applicants must possess enough knowledge and ability in the following elements to perform the duties of the position in the trades supervised. **Job Relevant Criteria:** Demonstrated ability to supervise; knowledge of printing and reprographic equipment; technical practices of the trade, knowledge of materials, ability to develop, interpret, and implement, instructions, and specifications. File supplemental qualifications statement with Code 096. Forms may be obtained in the Personnel Bldg., Rm. 206, Ph. 2676. Previous applicants need not reapply. Supplementals must be returned to personnel by Monday, May 8.

Budget Clerk, GS-501-3 / 4 / 5, PD No. 7708029, Code 0832 — The incumbent assists budget analysts and RMAs with preparation of overhead and technical budgets. Prepares financial reports and assists with their analysis. The incumbent may be assigned, on a rotating basis, to one or more departments on Center to provide financial support such as monitoring expenses on job orders and customers order numbers, preparing journal entries, etc. **Job Relevant Criteria:** Ability to work with figures; knowledge of the budget cycle; knowledge of the budgetary and funding process; and knowledge of accounting and financial reports. Status eligibles accepted.

File applications for above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2676.

Federal Women's Program to cover wide range of subjects

The NWC Federal Women's Program for the month of May, entitled "Forum Day," will be held on Tuesday, May 16, at the Community Center. Discussions will be held on a wide range of matters affecting women as citizens.

A panel discussion, similar to that which proved so popular during last year's Federal Women's Week, will lead off the day's program from 9 to 11 a.m. Topics such as child care, divorce, battered women, rape, self-defense, and laws affecting women will be explored by panelists well-qualified to discuss these subjects.

Participants on Panel

The participants will be Linda Schramko and Ruth Cooper, local attorneys; Dr. Rita McCullough and Caroline Nathan, of the Desert Counseling Clinic; and Jackie Haff and Nancy Webster, instructors from Cerro Coso Community College.

Luncheon will follow from 11:30 a.m. to 1 p.m. at the Chief Petty Officers' Club.

A highlight of the day's events will be the luncheon talk, entitled "Dual Careers — Can Women Have It All?" by Dr. Marion Wood, assistant professor of communications at the University of Southern California Graduate School of Business Administration.

Dr. Wood, who had 20 years of business experience prior to her faculty appointment at USC in 1971, teaches communications in the Master's in Business Administration program, counsels students in their management internships in the business community, and is a consultant to government and industry.

Reservations Required

Reservations for the luncheon are required no later than Monday, May 15, and can be made by calling Eloise Burkland at NWC ext. 2634. Menu choices are turkey sandwich, \$2.50, or chef's salad, \$2.

From 2 to 4 p.m. on May 16, workshops that will be coordinated by resource persons will be held in various rooms at the Community Center. Informal group discussions are planned on some of the subjects touched upon by participants in the morning panel session and by the luncheon speaker as well.

The subjects, the various times that attention will be focussed on them, and the resource person in charge of each discussion are: "Battered Women," 2 to 3 p.m., Dr. McCullough; "Women and the Law," 2 to 3 p.m., Ms. Schramko; "Conflicts of the Working Woman," 3 to 4 p.m., Dr. Wood; "Divorce — Helping Children Adjust," 3 to 4 p.m., Ms. Nathan; and "Self Defense," 3 to 4 p.m., Nancy Webster and Jackie Haff.

Crossing traffic circle double line can be dangerous

Crossing that white double center line at the Naval Weapons Center traffic circle can lead to a traffic citation, an accident or both.

There have been complaints from drivers who have had near misses when another vehicle crossed the white double center line at the traffic circle unexpectedly in front of them.

For the information of those who are uncertain as to what that white double center line at the traffic circle means—like all double lines, it means you may not cross over to pass. It means also that you may not cross over to change lanes in that area. White indicates that the traffic will all be going in the same direction.

Motorists going south on Blandy who plan to continue south on Knox Road should position themselves in the left lane on No. Knox before the beginning of the double white line.

Drivers heading west toward the main gate may use either lane but must stay in the lane they are in and may not change lanes until after they pass the section with the double white lines.

Three 30-min. films will run concurrently with the morning panel and afternoon workshops. These films will address a variety of problems facing women in widely divergent segments of the work force.

"Nine to Five" will be shown from 9 to 9:30 a.m. and 2 to 2:30 p.m. This film depicts clerical and secretarial women workers organizing to find new approaches to their careers in order to emphasize the importance of the jobs they do in their so-called "second class" occupations.

"Accomplished Women" will be shown from 9:45 to 10:15 a.m. and again from 2:45 to 3:15 p.m. This film features Katherine Graham, Dr. Virginia Aggar, LaDonna Harris, Shirley Chisholm, Nicki Giovanni, and Helen Reddy, who discuss topics from politics to personal feelings, pointing up new attitudes and images that women have of themselves.

The third film, "When Women Get to Hurting," relates the story of five women from a small Georgia mountain town who led a wildcat strike against a national sewing factory and who, ultimately, successfully established their own factory.

The Federal Women's Program invites all NWC men to attend "Forum Day." Most of the subjects to be discussed are those which tend to weaken the many bonds between men and women, and male participation is needed in all of these areas to help keep these bonds strong.

Information night for 8th graders set at Burroughs High

The Burroughs High School Parent Teachers Association will sponsor an Information Night Program for eighth grade students and their parents on Tuesday at the school.

The purpose of the meeting is to ease the transition from junior high to high school for the eighth graders and to familiarize them and their parents with the high school, its programs and its policies.

The program will begin at 7:30 p.m. in the Burroughs High multi-use room. School personnel and student leaders will welcome the incoming ninth-graders and their parents.

Officers To Be Installed

Next year's PTA officers will be installed at the start of the evening's program. They are Ann Faith, president; William Sanson, vice-president; Ethel Wiggins, secretary, and Barbara Fagans, treasurer.

Clubs, campus activities, graduation requirements and school regulations are among the topics to be discussed with eighth graders and their parents.

Refreshments will be served by PTA members. Michael McGrath, assistant principal, and Ann Faith, president of the Burroughs High PTA, will be in charge of the program.

Enrollment open for military CPR class at Medical Clinic

Enrollment on a first-come, first-served basis is now being taken at the China Lake Branch Clinic of the Naval Regional Medical Center for a series of classes leading into cardio pulmonary resuscitation (CPR) certification.

The classes, which are open to all active duty military personnel, their spouses and their dependent children who are in the eighth grade or older, will be taught by Cdr. Frances Zuber, senior nurse at the Medical Clinic.

Each of the three classes will be held from 7 to 10 p.m., and will take place on May 24 and 31 and June 7 in the lobby of the Medical Clinic.

Those interested in attending are asked to make a reservation by calling NWC ext. 2911 and asking for Cdr. Zuber.



MAKING IT OFFICIAL — A ribbon cutting ceremony was held Monday to mark the official opening of a new Personalized Services Center at the south end of the Navy Exchange service station. Capt. J. D. Killoran, NWC Director of Supply, used a pair of king-sized scissors to cut the ribbon, assisted by Sue Cott, a clerk at the new facility. Looking on at right is Lt. M. S. Barnett, Navy Exchange officer. Services previously offered at the main Navy Exchange that are now available at the Personalized Services Center include optical service, engraving work, key duplication, and watch, camera and shoe repairing. The new center also offers a previously unavailable laundry and dry cleaning service.

Waveguide laser manufacturing bids to be reviewed

A three-day conference for the purpose of reviewing and evaluating proposals prior to the awarding of a contract for developing the process to manufacture Carbon Dioxide Waveguide Lasers will be held next Tuesday, Wednesday and Thursday, May 9, 10 and 11, in Conference Room No. 1 at Lauritsen Lab.

Robert Hintz, a physicist in the Systems Studies Branch of the Fuze and Sensors Department, and his co-workers in Code 3311, have carried out the exploratory development work on this device, which can be used as part of a forward looking infrared (FLIR) beacon, as a helicopter landing aid, and in conjunction with beacon offset bombing.

Funding for this work, which is a part of the NWC Manufacturing Technology Program, was provided by the Naval Electronics Systems Command.

First Day's Agenda

The first day of the conference will be devoted to presentations on the proposals made by representatives of the industrial firms interested in being awarded the contract for the carbon dioxide waveguide laser manufacturing technology program. During the final two days of the meeting, a government-wide technical panel will evaluate the proposals.

While the possibility exists that other companies may also submit proposals, it was known at press time for this week's issue of The ROCKETEER that the interested bidders would include the Honeywell Research and Development Co. of Minneapolis, Minn.; the Raytheon Co. of Sudbury, Mass., and Hughes Aircraft Co. in Carlsbad, Calif.

The proposals from industry will be directed at five high cost areas in the process of manufacturing carbon dioxide waveguide lasers. These are:

- (1) Drilling of long, narrow holes in ceramic materials, such as aluminum oxide or beryllium oxide.
 - (2) High speed fabrication of high vacuum seals.
 - (3) Fabrication techniques for nickel electrodes.
 - (4) Gang polishing techniques for providing optical surfaces.
 - (5) Optimizing laser optics.
- Under the Department of Defense

Dog licenses on sale, rabies shots to be given at clinics today, tomorrow

Clinics at which anti-rabies inoculations will be administered and dog licenses sold have been scheduled in the local area on Friday and Saturday, May 12 and 13, by the Kern County Health Department.

At each such clinic, dog owners can obtain for their pets low-cost rabies vaccinations and either county or local city dog licenses. Both vaccinating and licensing are required by law for all dogs over four months of age. The dates, times and places for the clinics are as follows:

Friday, May 12 — 8:30 to 9:30 a.m. at the Kern County Fire Station in Randsburg; and from 11 a.m. to 1 p.m. and 2 to 5 p.m. at the Girl Scout Hut at China Lake.

Saturday, May 13 — 8 to 11 a.m. at the Kern County fire station in Inyokern, and from 1 to 6 p.m. at Ridgecrest Park.

For the first time, all dog owners living either within the City of Ridgecrest or in the unincorporated areas of Kern County must have their pets re-licensed no later than June 30. The upcoming clinics provide a handy way of having this done, while at the same time protecting pets against rabies.

At the Kern County Health Department-sponsored clinics, there is a charge of \$2 per pet for anti-rabies shots, and the yearly dog license fee is \$1 for dogs that have been spayed or neutered and \$4 each for all others. City of Ridgecrest dog license fees are the same as those set by Kern County. Since inoculations to protect against rabies are required just once every two years, not all dogs will have to have another

rabies shot at this time, but owners should have records available to show when their pet received its last anti-rabies shot.

To avoid problems, all dogs brought to the clinic must be on a leash. Simple rope or belt leashes are sufficient.

Licensing is an essential part of the city and county animal control program. Licenses insure that dogs are vaccinated for rabies and that each dog is individually identifiable.

Identification of dogs enables animal control officers to return lost animals to their owners, to speed the investigation of bites, and to more easily enforce leash laws.

Tours of attractive gardens in local area set Saturday

Bright flowers, green lawns and vegetable gardens will be among the attractions this year on the annual self-guided garden tour sponsored by the Oasis Garden Club of Indian Wells Valley tomorrow.

A three-page brochure giving the location of the eight gardens open for inspection and an identification tag will be given to persons desiring to make the tour.

Brochures and tags may be obtained at the Gift Mart, from Garden Club members or by calling Mrs. Robert Meade at 377-4451 or Mrs. Randy Coates at 377-4078. A donation of \$2 is requested.

The eight gardens selected show a wide range of gardening situations and were carefully chosen because of their interesting qualities.

In addition to the tour, plants grown by Oasis Garden Club members will be sold on the porch and patio of Mrs. Meade's home, where refreshments will also be served.

This is the Oasis Garden Club's 18th annual garden tour. Money raised by this event will go to support the club's efforts in sponsoring flower shows, conservation and civic beautification projects.

Happenings around NWC

The next meeting of the Indian Wells Valley Chapter of Federally Employed Women will be held on Tuesday from 11:30 a.m. until 12:30 p.m. in Rm. 103 of the NWC Training Center.

The speakers will be Cathy de Wolf and Joe Burge, who are Career Planning Workshop counselors for the Upward Mobility Assessment Center.

Their subject will be "What Are Other Options Provided by Upward Mobility?" Ms. de Wolf is a Code 3602 administrative officer, and Burge is a technical writer in Code 2363.

Persons attending should bring brown-bag lunches.

Officers Wives To Meet

The wives of Air Test and Evaluation Squadron Five officers will host a get-acquainted coffee for Naval Weapons Center officers' wives next Wednesday.

The event will be held at the home of Capt. and Mrs. L. E. Giuliani, 509 Essex Circle, China Lake, and will begin at 10 a.m.

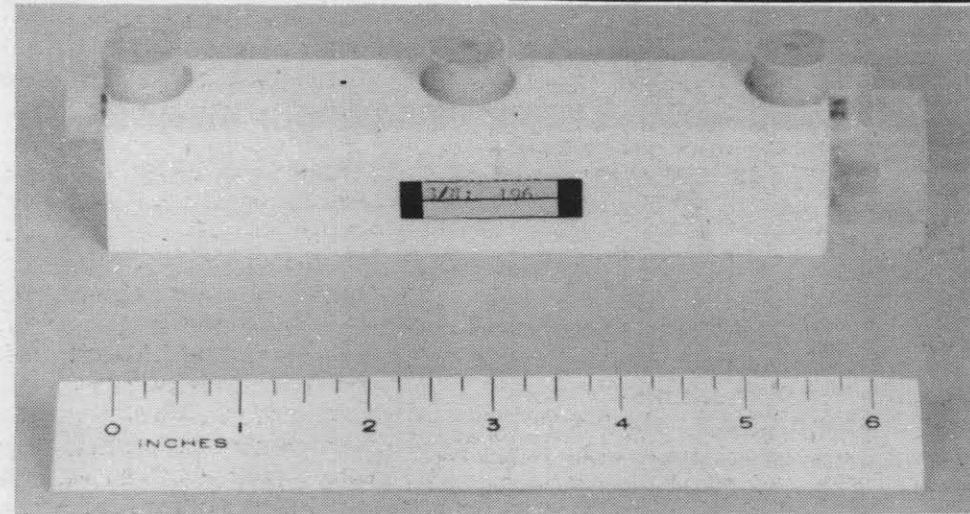
Capt. Giuliani is VX-5's Commanding officer and Mrs. Giuliani is president of the squadron's Officers' Wives Club.

Invitations to the coffee are being extended to the 58 NWC and 42 VX-5 officers' wives, and all are urged to attend.

Health Plan Rep. To Visit

Dottie Nepstand, public relations director for the Government Employees Hospital Association Benefit Plan, will pay a visit to China Lake on Monday.

She will be available in the Sidewinder Room of Community Center from 12:30 to 4 p.m. to talk with enrollees in this health insurance plan. No appointments are necessary.



LASER HEAD ASSEMBLY — Contractors interested in developing the process to manufacture Carbon Dioxide Waveguide Lasers will be here next Tuesday to present their proposals for review and evaluation. Shown above is a 2-watt continuous wave carbon dioxide waveguide laser which measures less than 6 in. in length. The gray caps on the top are electrodes, and there are plastic shields covering the optical output components on both ends of the device.