



PREPARING FOR SHOW — Virginia Boyd, chairman of the Silver Jubilee of Gems that will be staged at the Community Center on the weekend of Nov. 7-8, uses a flat lapidary wheel to polish a small, circular slab of honey onyx. This will be the 25th annual show sponsored by the Indian Wells Gem and Mineral Society.

Annual gem, mineral show slated at Community Center on Nov. 7-8

Preparations are being made for the 25th annual gem show, an event sponsored by the Indian Wells Gem and Mineral Society that will be held on the weekend of Nov. 7 and 8 at the Community Center.

There is no admission charge for the show, which will be open from 10 a.m. to 10 p.m. on Saturday, Nov. 7, and from 10 a.m. to 5 p.m. on Sunday, Nov. 8.

Featured will be displays of gems, minerals, fossils, Indian artifacts, and lapidary work that will be exhibited in approximately 60 display cases. Collections and handiwork of senior rockhounds and their junior counterparts from the Pebble Pups will be represented.

The schedule of events for the two-day gem and mineral show includes two lectures on Saturday afternoon, and field trips on both days.

At 1 p.m. on Saturday, Nov. 7, Milton Speckles, one of those instrumental in helping to establish the Indian Wells Gem and Mineral Society in 1956, will give a talk on mineral collecting.

Speckles, who is an authority on this subject, has published a book on micromounting.

Following the presentation by Speckles, a

Catholic Congregation plans dinner-dance on evening of Nov. 7

The Catholic Congregation of the All Faith Chapel will hold its 19th annual dinner-dance on Saturday, Nov. 7, at the Enlisted Mess.

The theme for this year's dance is Desert Autumn; music, appropriately, will be provided by a local group named Sunlight.

The evening will begin with a social hour at 6 o'clock to be followed by a three-meat buffet dinner at 7 p.m., and dancing from 9 o'clock until 1 a.m.

Tickets for the evening's festivities are \$12.50 per person, and may be purchased at the chapel office during the week or after Sunday mass at either the All Faith Chapel or St. Ann's.

The general chairman for the evening is Lt. Rick Jaskot. Anyone seeking further information may contact him by calling 446-6682.

Halloween party planned this evening at CPO Club

The Chief Petty Officers' Club has scheduled a Halloween party tonight for all members and their guests.

The Sunlight, a local 4-piece contemporary-music group, will provide the musical entertainment for this ghoulish party from 8:30 p.m. to 12:30 a.m. First, second and third places prizes will be offered for best costumes.

Safety tips offered to parents of young trick or treaters

Haunting time is at hand again, and a horde of costumed youngsters will take to the streets on Halloween night to make the traditional request of "trick or treat?"

The Kern County Health Officer, Leon M. Hebertson, M.D., offers some suggestions to parents to ensure that the youngsters will be safe while they are enjoying their evening of fun.

Costumes should not obstruct the vision of the child, nor should they hamper the ability of the child to walk.

A costume should not be flammable. It should also be of a light color or have reflective material on it so that the child will be visible to drivers. Youngsters should also be encouraged to stay on sidewalks whenever possible, and should be well briefed not to accept rides from strangers.

Parents or older children should supervise youngsters who are trick-or-treating, and children preferably should trick-or-treat in groups. It's best for youngsters to stay in neighborhoods that they know well rather than venture into strange neighborhoods.

Children should only be permitted to eat candy or goodies that are in sealed wrappers. (The best goodies to give trick-or-treaters are small packages of raisins, sealed bags of sunflower seeds or peanuts, sugarless gum, a small toy or a pencil.)

Sandwiches 'N Things starts operation of food service truck

Starting Monday, the food service truck on the Center will be operated by Sandwiches 'N Things.

Food service products will be fresh, and will be checked twice daily on-center to ensure that the hot or cold temperatures are correct for the food involved.

The new operators of the food service would like to improve the route to benefit more of the civilian and military personnel on the Center, but revising the schedule will take some time so Sandwiches 'N Things asks that everyone be patient while this is being accomplished.

Anyone who has any suggestions or any group wishing food service is asked to contact the Employee Services Board by calling 446-6436 between 10 a.m. and 2 p.m. weekdays.

Additional information about the show can be obtained by calling Virginia Boyd, the chairman, at 377-4756.

Weekend Roundup

Patrons of the Enlisted Mess are invited to attend a Halloween costume party this evening from 9 o'clock to 1:30 a.m.

Hayward Lee and the Marauders, a contemporary-rock group from Los Angeles, will provide the musical entertainment for the evening. Everyone is urged to dress in costume as there will be prizes presented for the best male and female costumes and also for the most comical and weirdest outfits.

For those who wish to dine out, the EM dining staff will be serving a steak and shrimp dinner from 6 to 9 o'clock.

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CLOTA's production of "The Passion of Dracula," will have its final three performances tonight and tomorrow at 8:15, with a special matinee scheduled tomorrow (Halloween) at 1 p.m.

After the matinee performance on Saturday, a make-up session will be held for those who are interested in making up for Halloween.

Tickets are priced at \$3.50 for adults and \$2.50 for students, enlisted military and senior citizens for all performances.

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The Council of Alcohol Awareness (COAA) is sponsoring a film festival tomorrow from 1 to 5 p.m. at the Senior Citizens Community Building at 125 S. Warner St., Ridgecrest.

Films to be shown tomorrow are "I'll Quit Tomorrow," "The Secret Love of Sandra Blain," "Chalk Talk," "The Summer We Moved to Elm Street," "99 Bottles of Beer," "New Life of Sandra Blain," and "A Time for Decision."

Donations will be accepted to defray the cost of printed materials and rental of the building. Additional information can be obtained by calling Dorothy Carlo at 375-2271.

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The NRMCC Branch Medical Clinic will be holding a yard and bake sale tomorrow from 9 a.m. to 1 p.m., at the Blandy Street entrance to the local medical facility.

The sale is sponsored by the NRMCC Branch Medical Clinic Recreation Committee. Any profits from this event will go towards offsetting the price of the Medical Clinic's Christmas party.



REGULAR STARTING TIME 7:00 P.M.

FRIDAY, MONDAY OCT. 30, Nov. 2

"THE INCREDIBLE SHRINKING WOMAN"

Starring Lilly Tomlin and Charles Grodin (Comedy, rated PG, 89 min.)

SATURDAY OCT. 31

3:30 Matinee

"THE BLACK STALLION"

Starring Kelly Reno and Mickey Rooney (Drama, rated G, 117 min.) 7 p.m.

"CHEAPER TO KEEP HER"

Starring Mac Davis and Tovah Feldshuh (Comedy, rated R, 91 min.)

SUNDAY NOV. 1

"THE LADY VANISHES"

Starring Elliot Gould and Cybill Shepherd (Comedy-adv., rated PG, 95 min.)

WEDNESDAY NOV. 4

"UNDERGROUND ACES"

Starring Dirk Benedict and Melanie Griffith (Comedy, rated PG, 93 min.)

FRIDAY NOV. 6

"I GO POGO"

Starring Jonathan Winters and Vincent Price (Comedy, rated PG, 82 min.)

Magic Mountain offers reduced rate for military

Military personnel and their families who have been wanting to go to Magic Mountain have the best opportunity ever to do so now.

A specially reduced rate of \$6.10 for general admission tickets (with children under 2 admitted free) will apply between 10 a.m. and 8 p.m. on all Saturdays and Sundays in November, as well as on Thanksgiving Day and the Friday following that date.

These tickets should be purchased in advance at the Community Center, which is open from 8 a.m. until 1 p.m., and from 2 to 4 p.m. Mondays through Fridays.

BHS students to trick or treat for UNICEF on Halloween

The International Relations Club of Burroughs High School will be sponsoring trick-or-treat for UNICEF on Halloween night (Saturday).

UNICEF is an organization that provides aid in the form of food, clothing, medicine, and education to needy children in poverty-stricken countries. Even small donations will make a significant difference in the lives of these children.

The local high school students participating in the drive will be identifiable by the official orange collection boxes they will carry.

Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its next regular monthly meeting on Thursday, Nov. 5, at 520 E. Inyokern Rd., China Lake, starting at 7:30 p.m.

U.S. Government Printing Office: 1981-1981-40-9

From:	PLACE STAMP HERE
To:	

Construction, repair work contracts hit \$12 million

The final four months of Fiscal Year 1981 and the advent of Fiscal Year 1982 brought with them the awarding of contracts totaling more than \$12 million for new design, construction, alterations and repair work at the Naval Weapons Center.

The administration and inspection of this work will be accomplished by the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif., through its field office at China Lake.

The field office is headed by Capt. J. L. Horacek, CEC, USN, who, as the Center's Public Works Officer and Officer-in-Charge of Construction, administers all contract

construction and maintenance/facilities service work at China Lake.

According to LCdr. Sam Saltoun, CEC, USN, head of the Public Works Department's Construction Division, the largest single contract is for constructing (at a cost of \$4,730,000) a Weapons Systems Support Facility adjacent to Hangar 3 at Armitage Airfield.

The contract for this work was awarded to Roebelen Construction Co. of Sacramento, Calif., and work is underway following a groundbreaking ceremony that was held during the first week in September.

Scheduled for completion next summer is

the work of installing a 2-in. thick asphalt concrete overlay on the north-south and east-west runways at Armitage Airfield at a cost of \$1,450,000.

Desert Construction of Victorville was the successful bidder on this project. The work is due to get underway in mid-March and be finished in approximately three months. Because of the nature of the job, flight operations at the airfield will be effected, but at least one runway will be open at all times.

Another contract for work that is to be done at the airfield was awarded to the Federal Construction Co. of Spokane, Wash. It calls for the repair and resealing of

concrete apron joints at a cost of \$153,000.

The list of recently-awarded major contracts includes two other large paving projects. The first, a contract in the amount of \$1,210,000, calls for Asphalt Construction, Inc., of Lancaster, to install a 1-in. overlay on certain streets, roads, and parking lots in the mainline and range areas of the Naval Weapons Center.

Some of the streets to be upgraded are Knox Road from the traffic circle south past the Capehart B housing area; and Lauritsen Road from Fire Station No. 1 southeast to the intersection of Richmond Road.

(Continued on Page 5)



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

NWC receives Daedalian Award for key role in A-6E aircraft TRAM development

The prestigious Daedalian Weapon Systems Award has been forwarded to the Naval Weapons Center following its presentation earlier this year to the Naval Air Systems Command (NAVAIR).

The award (a sterling silver cup more than 2 ft. tall) is in recognition of the major role played by NWC in the development and validation of the A-6E aircraft Target Recognition Attack Multisensor (TRAM).

Each year, the Order of Daedalians, a national fraternity of military pilots, bestows the Daedalian Weapons System Award on an individual, group or organization (military or civilian) judged to have contributed the most outstanding weapon system for a particular period of time.

NWC PREVIOUSLY HONORED

In 1977, NWC also was singled out to receive this award for the development and improvement over the years of a family of heat-seeking missiles that has become known throughout the world as Sidewinder.

The A-6E Intruder, an all-weather bomber/attack aircraft configured with TRAM was chosen for the Daedalian Award because it has maintained its position as a key platform in fulfilling the Navy's role in national defense, which calls for carrying out carrier-based airborne strike and attack missions at any time.

The A-6E is a completely integrated strike weapons system employing an advanced forward looking infrared (FLIR), a laser range finder/designator, a laser receiver, and a sophisticated multimode radar — all integrated by a high-speed digital computer to provide a spectrum of target discrimination and an attack capability that can be achieved by no other airborne platform.

ALL WEATHER CAPABILITY

The addition of a Detecting and Ranging Set (DRS) with its electro-optical and laser suite, provides the A-6E with the capability of conducting all weather, day or night sea surveillance and control.

Through what is now the A-6E Weapon System Support Activity Office (Code 3104) in the NWC Aircraft Weapons Integration Department, the Center has been involved in the A-6E TRAM program since its beginning nine years ago.

At the outset, this involvement was that of technical observer, but over the years a highly qualified technical team, headed until recently by R. W. Campbell as the project manager at NWC, has evolved.

Center experts in FLIR and laser technology have worked closely with NAVAIR and the contractors in defining

system requirements, resolving design problems, defining production test requirements, monitoring hardware fabrication and testing, and resolving production problems.

NWC expertise also has been provided in the areas of soldering technology, quality assurance, reliability, system safety, and ground support equipment.

In all areas, the NWC team has had a significant, positive impact on the development and production of the Detecting and Ranging Set, Campbell stated.

Recognized simultaneously with NAVAIR and NWC by the Order of Daedalians was the industry team from the Grumman Aerospace Corporation, prime contractor for the A-6E aircraft. Also recognized was the Hughes Aircraft Co. for the design and development of the electro-optical sensor system (Detecting and Ranging set); the United Technologies, Norden Division, for

the multi-purpose attack radar; and the IBM Corporation, for the computer system that permits full integration of all weapons system components.

Key members of the A-6E TRAM technical support team, in addition to Campbell, the project manager, for NWC, and their responsibilities included the following:

Chuck Newmyer, technical coordinator, who provided NAVAIR with engineering support for development and production of the DRS.

B. J. Gorrano, a project engineer associated with this program from its earliest days here, contributed to FLIR technology.

Don Iwamura, project engineer involved in development of ground support equipment for the TRAM system.

Ike Fujiwara, technical expert for the laser receiver.

Dale Lowe and Ed Teppo provided

(Continued on Page 3)



PRESTIGIOUS AWARD — Key members of the A-6E TRAM technical support team last Friday made a joint presentation of the Daedalian Weapon Systems Award to Capt. Lahr, and the large sterling silver cup is now on display in the lobby of Michelson Laboratory. Those involved in the presentation to the Skipper (top, center) are (left to right), Chuck Newmyer, B. J. Gorrano, George Ramirez, Roy Hasting, Don Iwamura and Bob Campbell. Standing in back of the large cup are Dick Walters (at left) and Ike Fujiwara. — Photo by Don Cornelius

AZAN Curtis Hagerty chosen as Sailor of Month by VX-5

Aviation Maintenance Administrationman Airman Curtis L. Hagerty has been selected as Sailor of the Month for September by Air Test and Evaluation Squadron Five (VX-5).

Airman Hagerty works in the logs and records department at VX-5, keeping track of inspections done on aircraft, daily time sheets, and maps. His outstanding performance and military demeanor won him the honor of becoming VX-5's Sailor of the Month.

Record keeping is also filling some of Airman Hagerty's spare time because he is enrolled in accounting and data processing classes at Cerro Coso Community College, in addition to taking a history class. He decided to complete as much college course work as possible while he is stationed here, and is saving toward attending college when he gets out of the service—if he decides that is what he'd like to do.

Airman Hagerty joined the Navy from his hometown of Harrison, Ark., in part to see



AZAN Curtis L. Hagerty

the world, and is looking forward to his first tour of sea duty to determine whether he'll like being at sea.

Coming to the desert was rather a surprise to him when he got out of "A" school at Meridian, Miss. He had been in California for boot camp, and thought that the assignment to China Lake meant that he'd be beside a sea of water rather than a sea of sand.

"I like it, though," he says. "The winter here is a lot warmer than it is back home."

Besides spending his spare time attending class and studying, Airman Hagerty enjoys swimming, and other sports.

As Sailor of the Month for September, Airman Hagerty received a letter of commendation, a VX-5 plaque with his name inscribed on it, a 72-hour weekend pass, and a month free of duty. He also received a reserved parking space at Hangar 1 for a month.

The Rocketeer

Official Weekly Publication
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Captain Jude Lahr
NWC Commander

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Technical Director

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Public Affairs Officer (acting)

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Editor

Mickey Strang
Associate Editor

Beverly Becksvort
Editorial Assistant

Promotional opportunities

Applications (Standard Form 771) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 24. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 097-3272-81, Electrician Helper, WG-2805-5

Temporary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) electrician helper positions. This register will be used to fill vacancies as they occur during the next several months. NWC will accept applications from reinstatement eligibles, individuals currently on Office of Personnel Management Registers, and individuals not on registers who have skills necessary to qualify for this position. The incumbent assists journeymen in measuring, cutting, threading, bending, assembling and installing conduit for connecting various panels, outlets and boxes. Helps install electrical conduit used in wiring buildings; make simple splices and solder cables; helps rewind armatures, fields, and coils; may replace defective wiring and make connections to new electrical installations. All work is done under direct supervision of a journeyman, or using detailed instructions. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. Supplemental is required and may be picked up at the reception desk of the Personnel Building.

Announcement No. 8-04-7, Interdisciplinary, Physicist DP-1310-3, Mechanical Engineer DP-830-3, Aerospace Engineer DP-861-3, PAC No. 8106515E, Code 0632 — This position is located in the Ground Project Office of the Test and Evaluation Directorate. The incumbent serves as a focal point for program offices and other sponsors for test work on the NAVWPNCEN ranges. Responsibilities include test planning, fiscal management, test coordination, analysis and documentation. The incumbent will be assigned responsibility for a variety of T&E programs for sponsors from off Center organizations as well as from the NAVWPNCEN, and will coordinate the efforts of teams consisting of both professionals and technicians from across organizational lines. The position requires regular contact with the incumbent's immediate supervisor, sponsors, and technical and administrative associates. It will also require contacts with other Center managers, contractors, higher management, and national associates. Job Relevant Criteria: Ability to analyze and thoroughly understand the requirements of complex technical programs; knowledge of instrumentation and analysis techniques; ability to motivate others as well as communicate well both orally and in writing; ability to effectively work with various organizational levels at NWC and with contractor personnel.

Announcement No. 25-069, Procurement Clerk (Typing), GS-1104-4/5, PD No. 7825034/7425038, Code 2521 — This position is located in the Contract Management Branch, Contracts Division, Supply Department. The incumbent prepares and processes Military Interdepartmental Purchase Request (MIPR) as required by Defense Acquisition Regulation (DAR). Must determine if MIPRs are optional or mandatory. Incumbent also prepares and processes Requests for Contractual Procurements (RCP). Incumbent maintains files and records for branch personnel, monitors detailed suspense files, and compiles statistical information relating to branch performance. Incumbent is also responsible for preparing all branch correspondence, receiving visitors and telephone calls, and preparing travel orders. Job Relevant Criteria: Knowledge of Procurement Request Preparation Procedures; knowledge of DAR and NAVSUP Publications; ability to work independently; ability to deal effectively with personnel at all levels, both on and off Center. Applications will be accepted from status eligibles.

Announcement No. 1207, Secretary (Typing), GS-318-4/5, PD No. 7912905N, Code 12 — This position is located in the Weapons Planning Group and reports to the Program Director for NWC Corporate Planning. Major duties include receiving visitors, telephone calls and mail; typing official correspondence, reports, Center publications and travel orders; security clearances and itineraries; scheduling conferences and meetings; and maintaining supervisor's calendar and files. Job Relevant Criteria: Must be proficient typist; must have thorough knowledge of Center clerical procedures; must be able to deal with a wide variety of clerical and administrative procedures. Supplemental experience statement required and available in Rm. 100 of the Personnel Building.

Announcement No. 33-030, Clerk (Typing), GS-303-5, PD No. 8133033N, Code 3302 — The incumbent serves as an

assistant to the head of staff of the Fuze and Sensors Department. In this capacity, the incumbent provides a variety of office services in the areas of personnel management, employee benefits and services, awards administration, mail/message distribution, filing, reproduction and accountability of classified material. Job Relevant Criteria: Ability to work independently; ability to interface with employees at all levels within an organization; general familiarity with rules, policies, regulations and procedures regarding personnel administration; knowledge of accountability procedures for safeguarding classified documents.

Announcement No. 1208, Secretary (Typing) GS-318-4/5, PD No. 8113001N, Code 12 — This is an intermittent position located in the Weapons and Tactics Analysis Center of the Weapons Planning Group and reports to the Program Director for Intelligence and Current Operations. Major duties include receiving visitors, telephone calls and mail; typing official correspondence, travel orders, security clearances and itineraries; scheduling conferences and meetings; and maintaining supervisor's calendar and files. Job Relevant Criteria: Must be proficient typist; must have thorough knowledge of Center clerical procedures; must be able to deal with a wide variety of clerical and administrative procedures. Supplemental experience statement required and available in Rm. 100 of the Personnel Building.

Announcement No. 0862, Computer Programmer, GS-324-5/7/9, PD No. 788023N, Code 0842 — This position is located in the Management Information Systems Division, Office of Finance and Management. The division provides management computer systems services to the Naval Weapons Center. At the trainee level the selectee will perform programming duties under close supervision. As the selectee progresses in the assignment the supervision becomes less strict and he/she works more independently while assuming more analyst type duties. At the trainee level the position is titled Computer Programmer and at the full performance level it is titled Computer Systems Analyst. There is promotion potential to the GS-334-12 grade level. Job Relevant Criteria: Skill in analyzing problems, to include identifying relevant factors, gathering pertinent information and recognizing solutions; skill in doing thorough, accurate work that requires planning a logical sequence of steps; and skill in communicating, both orally and in writing. Knowledge of a particular program language, i.e., COBOL, FORTRAN, is desirable.

Announcement No. 0861, Plant Account Technician, GS-501-4/5, PD No. 7580813N, Code 08413 — This position is located in the Plant Account Office, Accounting and Disbursing Division, Office of Finance and Management. The incumbent maintains control of an assigned segment of plant account records, coordinates various inventories, develops special information requested by departments, makes regular inspections of plant accountable equipment. Job Relevant Criteria: Knowledge of accounting principles and procedures; knowledge of computer capabilities and terminology; knowledge of property management and control techniques; ability to work independently; ability to work effectively with others. Promotion potential to GS-6.

Announcement No. 35049, Interdisciplinary Position (Supervisory Electronic Engineer, DP-855-3; Supervisory Electronic Engineer, DP-855-3; Supervisory Electronic Engineer, DP-855-3; Supervisory Electronic Engineer, DP-855-3) — This position is located in the Countermeasures Branch, Microwave Development Division, Electronic Warfare Department. Incumbent will manage and provide technical direction of advanced electronic warfare exploratory and development programs assigned to the Countermeasures Branch. Will provide supervisory guidance to the assigned subordinate personnel, including engineers and technicians. Responsible for support of the EEO program. Job Relevant Criteria: Knowledge of electronic warfare concepts and technology; knowledge of electronic countermeasures, counter-counter measures and support measures; knowledge of radar theory and techniques; ability to deal effectively with others; ability to communicate clearly; support of the EEO program. Applications will be accepted from status eligibles.

Announcement No. 35-048, Electronics Technician, DT-854-2, PAC No. 8135592E54, Code 3552 — Position is located in the Electronic Warfare Threat Environment Simulation Division of the Electronics Warfare Department (location is ECHO Range). Incumbent will be responsible for the knowledge of radar theory and techniques; operation of one-of-a-kind "digital" radar systems. Job Relevant Criteria: Ability to maintain and operate radar systems; knowledge of test environments similar to an EWES facility; ability to maintain compatible electronic interfaces; ability to utilize specialized test equipment (i.e., integrated circuit analyzers, pedestal servo system analyzers, or network analyzers). Promotion potential to GS-6.

Training class
To enroll in the following classes 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.

Basic NWC Clerical Seminar; Nov. 25, 8 a.m. to 4 p.m., and Nov. 10, 12, 17, and 19; 8 to 11:30 a.m., Training Center.

DT-3. Previous applicants will be considered without reapplying. Applications will be accepted from status eligibles.

Announcement No. 33-021, Secretary (Typing), GS-318-4, PD No. 8033092N, Code 33062 — Incumbent provides clerical support to the Interactive Graphics Program Office of the Fuze and Sensors Department. The incumbent's duties include: maintaining calendar; receiving and directing visitors and phone calls; reviews correspondence; receives and distributes incoming mail; maintains files; prepares and handles time cards, travel orders and itineraries; purchase orders for materials, supplies and equipment; types from rough, handwritten drafts or machine dictation. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare nontechnical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement required, along with 171. Supplemental available in the Personnel Bldg., Rm. 113, from Suite Cross.

Announcement No. 09-021, Financial Resources Assistant, GS-501-7, PD 8100020, Code 0907 — This position is a temporary promotion not to exceed one year. Incumbent will provide financial resource assistance to the leader of the In-House Bid Team for the Commercial Activities Study Program. Incumbent will be required to interpret and apply pertinent directives; to develop procedures for collecting required cost data; to participate in the development of narrative rationale and internal testing of same; to assist with development of clear audit trails for financial data; and, to coordinate the examination of the in-house bid by the Navy Area Audit Service. Note: Position may become permanent at a later date without further competition. Job Relevant Criteria: Knowledge of NWC and Navy Budget and accounting procedures; ability to work as a team member; ability to exercise initiative on independent assignments.

Announcement No. 21-009, Health Technician, GS-499-5, PD No. 8194011N, Code 2113 — This position is located in the Occupational Health Service of the Naval Regional Medical Center Branch Clinic, China Lake, CA. The incumbent is responsible for general office procedures, appointment scheduling, maintaining the Occupational Health Officer's and Occupational Health Nurse's daily calendar. Schedules examinations for civilian employees and maintains complete and up-to-date medical jackets on all special projects. The incumbent schedules examinations and consults patients in procedures in the examination for Navy Asbestos Medical Surveillance Program for civilian and military personnel and conducts interviews for the Respiratory Questionnaire. Job Relevant Criteria: Must have a well developed knowledge of the Occupational Health Program; must have knowledge of the operational methods, procedures, and techniques of the medical testing equipment, i.e., Audiogram, etc.; must possess a knowledge of the BUMED Regulations in regards to the Civil Service employees for health monitoring.

Announcement No. 35050, Electronics Engineer, DP-855-3, PAC No. 8135570E, Code 3541 — This position is located in the Radar Development Branch, Microwave Development Division, Electronic Warfare Department. The incumbent will serve as project engineer for a major Electronic Warfare Radar Simulation System. Will be responsible for determining the long and short term technical direction or approach; planning and scheduling work; monitoring budget expenditures; reporting of results, progress and overall accomplishment of the project. Will be responsible for evaluating contractor's performance and participate in acceptance of hardware/software systems. Job Relevant Criteria: Knowledge of contracting; ability to function as a Contract Officer Technical Representative (COTR); ability to write performance specifications of electronic enter and replica simulator systems; ability to generate delivery orders, work statements and criteria for selection; ability to work with people and communicate clearly both orally and in writing with contractors and other Navy personnel. Previous applicants need not reapply. Applications will be accepted from status eligibles.

Announcement No. 26-245, Supervisory Communications Specialist, DA-393-3, PAC No. 812694HE, Code 2603 — Position is located in the Department Staff Office, Public Works Department. As head, Communications Planning Office, Incumbent supervises the office and its personnel, establishes program objectives and plans and coordinates the systems aspects relative to meeting those objectives affecting complex communications networks and systems, administers the official Center telephone contract, the distribution of official telephone charges, the certification changes for payment, the operation of the Center switchboard, the Center telephone directory, the mobile radio system contract, and the amateur/citizen's radio and FCC licensing functions. Incumbent provides focal point for all telephone communications matters and supports the Center management and planning committees, such as communications master planning, in telephone communication matters. Provides the principal interface between the telephone contractor, Center departments and management, and the responsible contracting officer. Holds delegated contracting officer authority for limited contract modifications and local approval authorizations.

(Continued on Page 7)

Soccer scores . . .

(Continued from Page 6)

The Hawks. Good defensive play by the Owls curtailed any further scoring by the Hawks.

The Coyotes, scoreless in each of their other previous games played this season, finally broke through to get a goal by Isaac Curran last Saturday, but the Eagles were the victors, 3-1, as the result of 3 goals by Chris Fischer.

A thrilling 4-4 tie game between the Murray Strikers and the Monroe Tigers was the high mark of three games played last Saturday in the Junior High Soccer League. Results of other games were Wildcats 6, Bengals 1, and Murray Mustangs and Murray Kicks battled to a scoreless tie.

The Tigers vs. Strikers contest started out as a high-scoring game with 3 goals by each team in the first half, but settled back into a defensive struggle in the final two periods of play when each team was held to a single score.

Tom Rindt got the Strikers off and running with the first of his 3 goals early in the contest, but the Strikers fell behind when Brian Collie whipped in 3 goals for the Tigers — all in the first half of play. Also before the halftime break, Cary Cooper tallied for the Strikers on a penalty shot.

Second half goals by Rindt for the Strikers and Tim Wee, of the Tigers left the score tied at 4-4 when the Strikers were unable to capitalize on a penalty kick late in the contest.

Scott Piri scored 4 goals and added 2 assists on goals by Seamus Freyne to lead the one-sided win by the Wildcats over the Bengals. Oscar Hernandez scored the only goal for the Bengals to make it close (2-1) just before the first half ended.

Rec. Roundup . . .

(Continued from Page 6)

Purpose of the meeting is to discuss team entry fees and decide upon basketball league regulations and policies.

Captains or managers of military basketball teams interested in participating in the intramural basketball program are to notify Paul Backiewicz, NWC athletic director, by calling NWC ext. 2334 or 2571.

Tentative plans for the basketball season call for setting up a competitive league and a recreation league.

TINY TOT SWIM CLASS

Registration is now being taken at the Center gym for a series of tiny tot swimming classes that will be held at the indoor swimming pool on Tuesday morning from Nov. 3 through Dec. 8.

There is a fee of \$9 per child that must be paid at the gym office prior to the start of the first class session. All classes will be taught by Adrienne Swinford.

Five 30-min. sessions from 9 to 9:30 a.m. are scheduled for tiny tots 4 to 18 months of age. Immediately following on Tuesdays will be a class for youngsters from 19 months to 3 years of age that will be offered from 9:30 to 10 a.m.

SWIM CLASSES FOR KIDS

Enrollment is open in a six-week series of swimming classes for young people 4 years of age and over that will be held on Saturday mornings at the indoor pool from Nov. 14 through Dec. 19.

The classes will be taught by Adrienne Swinford, and there is a \$10 registration fee that must be paid at the gym office prior to the start of the first class.

A screening session for students will be held from 10 to 11 a.m. on Nov. 7. After that, based on their swimming ability, students will be assigned to one of eight 30-min. class sessions to be held between 8 a.m. and 12 noon from Nov. 14 through Dec. 19.

DIVINE SERVICES
PROTESTANT
Sunday Worship Service 1000
Sunday School 0830
ROMAN CATHOLIC
Sunday Masses 0830 & 1130
Daily Mass (except Saturday) 1130
Sunday Religious Education Classes 1000
JEWISH
Friday in the East Wing 1930
UNITARIAN
Sunday, Annex 95, as announced 1930

Men's Soccer League lead held by Rebels

The Rebels strengthened their grip on first place in the NWC Men's Soccer League last Sunday by shutting out the Rousers 2-0 in a game played at Davidove Field.

Also victorious on Sunday afternoon was the Phoenix team that defeated the Oldtimers by a score of 4-2.

The Rebels now have a record of 5 wins



CRR...UNCH! — Gang tackling, led by Brian Adams (No. 21) of the Chargers stopped the Tehachapi freshman team ball carrier at the line of scrimmage during this bit of Youth Football League action last Saturday at Kelly Field on the Murray Junior High School campus.

Trout fishing season will end tomorrow on many streams, lakes in High Sierras

Tomorrow will be the last day of the trout fishing season for many of the streams and lakes in the Sierras north of the local area.

Fishermen who have been heading north to enjoy the fall colors while they drop a line in the water have been reporting good success on catching both brown and rainbow trout. Natural bait such as crickets seems to have been working best recently.

Those who like to fish throughout the winter months will be able to do so in the Owens River south of Lake Crowley as far as the intake at Lone Pine.

Limit on trout taken in the wild trout area (Chalk Bluffs, just north of Bishop) is two brown trout. A total of five trout (either brown or rainbow) is the limit for the winter season throughout all the rest of the Owens River area. Lake Diaz just south of Lone Pine will also be open throughout the winter. Lake Isabella fishing is also open, but the

Cerro Coso College Coyote Chase 2-mile run slated Saturday

The Coyote Chase, a two-mile run, will be held tomorrow at Cerro Coso Community College. This event, sponsored by the Associated Students of Cerro Coso and the college's intramural sports program, is open to the public.

Signups will be at 8 a.m. in the Cerro Coso College parking lot, and the race is scheduled to get underway at 9 o'clock. Entrants will be placed in various divisions based on their sex and age, and the winners of each division will receive a specially-designed T-shirt.

In addition, there will be ribbons for those 15 years of age and over who place second through fifth in their division. All those under 14 years of age who finish the race will receive ribbons for participating.

There is a \$1 entry fee for ASCC cardholders and for youngsters 14 years and under. For all others, the entry is \$2 per person.

Additional information can be obtained by calling Betty Miller, Cerro Coso College intramural sports coordinator, at 375-5001, ext. 44.

and 1 loss for the season, compared to the second place Phoenix squad, which has won 3 and lost 3. The Oldtimers and Rousers are trailing with identical 2 and 4 records. This Sunday at Davidove Field, the Oldtimers and Phoenix will clash at 1 p.m., followed by a game between the Rebels and Rousers that will get underway at 3 o'clock.

Lead in Premier Bowling League changes hands again

Sonnenberg Enterprises emerged as the team to be reckoned with in the Premier (scratch) League during Monday night's action at Hall Memorial lanes.

The former second place squad came out on top by a margin of 13.5 to 6.5 points in matchup against the Cocky Bull bowling team, which had been leading the league for the past few weeks. In addition, the Hideaway squad shot into third place on the strength of an 18-2 shelling of the Elks.

Individual standouts for the night were Mike Dowd, who had a 684 series, and four other Premier League bowlers who each rolled a triple 200 series. They were Ron Williams (247, 216 and 220 — 683), Ron Jackson (205, 225, 237 — 667), Thad Brightwell (214, 235, and 213 — 662), and Hub Zimmerman (204, 225, and 202 — 631).

Still other Premier Leaguers who topped the 600 series mark were Bob Wallace (634), Earle Roby (631), Gene Lish (624), Lynn Potter (620), Jim Kincheole (616), Bob Branson (608), and Ray Freascher (607).

In addition to those already mentioned, bowlers with single game scores in excess of 220 were Lish (254), Dowd (245 and 246), Mark Barkemeyer (236), Roby (234), Kincheole and Potter (226), Wallace (224), Bob Curtis (223), and Freascher (222).

Current league standing are:

Team	Won	Lost
Sonnenberg Enterprises	88.0	52.0
Cocky Bull	84.0	56.0
Hideaway	81.5	58.5
Raytheon Sidewinders	80.0	60.0
Turner's Real Estate	77.0	63.0
ERI Hustlers	70.5	69.5
Vitro	67.5	72.5
Bugby Bath	55.0	85.0
Elks Lodge	53.5	86.5
Partlow Construction	43.0	97.0

Promotional opportunities

(Continued from Page 2)

Job Relevant Criteria: Demonstrated supervisory/management abilities over a diverse technical and administrative working group, with emphasis on the ability to actively lead, motivate and maintain a dynamic working organization; knowledge of telecommunications systems technology; including equipment capabilities and limitations; ability to develop and administer budgets; demonstrated capability to communicate technical and administrative concepts, both oral and in writing; fulfill EEO responsibilities; and ability to work effectively with people from all levels of the organization. Area of consideration: Status eligibles may apply. Applicants who apply under a forthcoming competitive announcement will also be considered.

Announcement No. 35-047, Electronics Technician, DT-854-3, PAC No. 8125599E, Code 3553 — Position is in the Electronic Warfare Threat Environment Simulation Division of the Electronic Warfare Department, located at ECHO Range. Incumbent will direct the efforts of others in the maintenance, operation and modification of radar systems, and conducts training in radar maintenance and repair, test equipment and subsystems. Job Relevant Criteria: Ability to maintain and operate radar systems; ability to coordinate the efforts of others; knowledge of configuration management; knowledge of test environments similar to an EWES Facility. Applications will be accepted from status eligibles. Previous applicants will be considered without reapplying.

Announcement No. 26-244, Maintenance Scheduler, WD-470-2, PD No. 7428N, Code 2411 — Note: This is a temporary promotion not to exceed one year. Position may become permanent at a later date. This position is located in the Production Management Branch, Maintenance Control Division, Public Works Department. Incumbent is responsible for the formulation and execution of a short range and long range load schedule of work to be performed by the Maintenance Utilities Division. Receives reports from the Work Reception Section of the branch which display those planned work requests ready for shop loading, work started during the month but not completed by shops, with projected completion date, standing work orders scheduled, and planned maintenance work scheduled for the next month. In the absence of a projected completion date for work started, but not completed, investigation is conducted, and establishment of a realistic completion date is made for planning purposes. The incumbent uses this data to prepare a workable, balanced planned workload. Incumbent also coordinates scheduled work, as necessary with the Facility Contract and the Maintenance Utilities Division. Job Relevant Criteria: Ability to facilitate production/technical practices; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; knowledge of pertinent tools and equipment. Supplemental Qualifications Statement is required and may be picked up at the reception desk of the Personnel Building.

Announcement No. 3650, Interdisciplinary (Supervisory Mechanical Engineer/Supervisory General Engineer/Supervisory Aerospace Engineer/Supervisory Industrial Engineer), DP-896-3/4, DP-830-3/4, DP-861-3/4, PAC No. 8126564E, Code 3462 — This position is located in the Quality Assurance Branch, Product Assurance Division of the Engineering Department. The incumbent will have the responsibility for applying and implementing quality assurance and quality control techniques and principles to ensure that the supplies and services delivered to the government meet quality, quantity and reliability requirements. Typical efforts will include planning, directing, controlling, coordinating and performing quality and reliability functions throughout the product life cycle. Job Relevant Criteria: Knowledge of standard sampling plans and procedures to evaluate data, discrepancy and deficiency reports; ability to handle problems or assignments of marked difficulty; ability to think through a problem and an approach to its solution is critical to performance. Extensive travel is required.

Announcement No. CC-842, Child Care Attendant, PS-0189-3, \$3.92 per hour plus full benefits, permanent, fulltime. Recreational Services Department, Children's Center, Code 221 — This is not a Civil Service position. Duties: Direct and supervise children in an atmosphere which makes the child feel secure/protected; provide and instrument daily lesson plan in cheerful, stimulating environment. Job Relevant Criteria: Must be a high school graduate or equivalent with 12 units of Early Childhood Development at college level and one year working experience with children at the pre-school level. Able to lift children weighing up to 40 lbs. Submit completed SF-171 to Rm. 100, Personnel Building, 505 Blandy.



Recreation Roundup

Indoor swimming pool at NWC gym to re-open Monday

The Center's indoor swimming pool, which has been closed for renovation and painting for the past two months, will reopen for regular use on Monday.

For the past eight weeks, the indoor pool has been getting a "face-lifting" that included sandblasting and then re-painting the sides and bottom of the pool, stripping off the non-skid pads around the deck area and replacing them with non-skid paint. In addition, depth markers and lifeguard stands were repainted.

Hours of operation at the indoor swimming pool, starting on Nov. 2, will be Monday through Friday, from 10 a.m. to 1 p.m., lap swimming; Monday, Wednesday and Friday, from 4:30 to 7 p.m., open swimming; Saturday and Sunday, 12 noon to 1 p.m., lap swimming, followed by open swimming from 1 to 5 p.m.

To encourage additional use of the indoor pool, this recreation facility will be open free of charge on Saturday, Nov. 14, from 1 to 5 p.m. to all persons interested in seeing the improvements that have been made. There is the requirement, however, that children 12 years of age or under must be accompanied by a parent or guardian.

BASKETBALL TEAM MEETING

An organizational meeting, primarily for non-military teams that will be entering the China Lake-Ridgecrest intramural basketball program, will be held next Wednesday, Nov. 4, starting at 5 p.m. at the Senior Citizens Building, 125 S. Warner St., Ridgecrest.

(Continued on Page 7)

Diplomats lose 1st youth soccer game of season

In what turned out to be the best game of the day in last Saturday's Youth Soccer League competition, the Hurricane squad rallied to defeat the previously unbeaten Diplomats, 5-4, in a Division 5 contest played at Davidove Field.

Lots of hustle, combined with strong team play, paid off for the Hurricanes, who came back from a 4-1 deficit in the second half to score the winning goal in the final minutes of the game.

Excellent defensive play by John Feist and Eric Winter helped to shut down the Diplomats' offense, and made it possible for the Hurricane team to catch up and finally go ahead late in the game.

Bill Corley scored one goal for the Hurricanes on a corner kick that was deflected off a Diplomat player and into the net. With the help of excellent passes from Cheryl McAlester, Randy Isgriggs and Cathy Ball, Craig Rindt tallied the remaining 4 goals needed by the Hurricanes to win.

Goal scorers for the Diplomats were Matt Ziegler (2), and Joe Lloyd and Tom Caves, who had 1 each.

Scores of other Division 5 games were Tornado 4, Rogues 1; Kicks 4, Surf 0; Sounders 5, Sting 1; and Whitecaps 3, Roughnecks 1.

The Tornado team overpowered the Rogues with a well-rounded offense that produced 1 goal each by Doug Chalmers, Ivan Carranza, Curtis Brune, and Jason Black. Averting a shutout, the Rogues scored once on a kick by Richard Liedtke.

In a one-sided game, Paul Lellis and Jay Okamoto tallied 2 goals each for the Kicks in their 4-0 win over the Surf.

Good teamwork on the part of the Sounders was instrumental in their 5-1 defeat of

NWC basketball team loses 89-73 to Edwards

Play began Tuesday night at the Naval Weapons Center gym in the Desert Regional Interservice Basketball League with a game between the NWC varsity cagers and their counterparts from Edwards Air Force Base.

The visitors won the contest by a final score of 89-73.

The China Lakers, coached by Ken Dorrell, got off to a quick 6-0 lead in the opening minute or two of play, but after that the first half belonged to the Airmen, who cruised to a 43-36 lead at the halftime intermission.

The NWC varsity squad got into foul trouble early in the contest. Basil Robinson, who is one of the catalysts in the China Lake

offense, had to sit out portions of the first half when he was called for his third infraction. Skip McIntosh, leading scorer for the NWC varsity also had to play with caution after getting his third foul before the halftime break.

The visitors from Edwards AFB built up an 18-point lead in the first half, but a rally by the China Lakers cut this to 7 points before the half ended.

At one time during the second half, the Airmen's lead was cut to 2 points (60-58), but the China Lakers' inability to shut down their opponents' fast break offense led to the local team's defeat. Fouls were another problem for the NWC varsity team, which lost three starters — McIntosh, Robinson

and Millard Bell — via the 5-foul route.

Reserves who broke into the China Lake lineup when the starters ran into foul trouble included Tony Murph, J. J. Hewell, Bill Baines, and Ralph Utrup.

McIntosh, the game's high point man for China Lake, flipped in 31 points for the NWC varsity. He was backed up in the scoring department by Kent Daniels with 16 and Millard Bell, who tallied 10.

Five players for the Edwards AFB cagers finished the game in the double-figure scoring column. Their names, and the number of points each scored, were Tim James (16), Joe Trigg and Jerry Moseley (13 points each), Bennie Watson (11), and Mike Hector (10).

"I've got some people who will win some games," Coach Dorrell commented. "The team as a whole displayed a good level of intensity throughout the game against Edwards, and that's what I was looking for — people who wanted to play hard. In time, they'll learn the offense, and with experience they'll win," the coach added.

The NWC varsity basketball team will play another game tonight at the Center gym against Fort Irwin. Tip-off time is 7:30 p.m. Also coming up is a contest at 1 p.m. here tomorrow against the Nellis Air Force Base cagers.

Results reported of 'Mini-triathlon' endurance event

An endurance event, dubbed a "Mini-triathlon," attracted a field of 35 entrants here recently.

After a half-mile swim at the Commissioned Officers' Mess pool, the contestants dressed for 25-mile bicycle ride, and then took off running for a distance of 6.2 miles.

The overall winner of this event, which was co-sponsored by NWC Recreational Service, the Over-the-Hill Track Club, and the Indian Wells Valley Wheelers (a local group of bicycle racers), was Dave Lawrence, who received a trophy for his efforts. Lawrence's elapsed time (including the time required to change from a wet swim suit into something suitable for the 25-miles bike ride) was 2 hr., 33 min., 9 sec.

RUNNERS-UP IN SR. DIV.

Runners-up were two other senior division entrants. They were Sam Kolman, who was clocked at 2:38:08, and Ken Dorrell (2:34:40).

The women's division winner was Diane Smith, another senior division entry, who finished this rugged event in 2 hr., 50 min., 38 sec., while Lisa Buffum was tops in the junior women's division as she crossed the finish line in 4:30:25.

David Miles' time of 4:14:35 earned him first place in the junior men's division, and there was a close race for top honors in the men's veteran division that was won by John Rahn in 2:52:35. Runner-up to Rahn was Jerry Gentry, whose time was 2:52:52.

SPEEDIEST BIKE RIDER

Speediest bike rider also was Rahn, who covered the 25 miles in 1 hr., 19 min., 16 sec., while Diane Smith of Lancaster pedaled 25 miles in 1:34:14 to post the overall best time for women bike riders in the mini-triathlon.

All those who finished this event received a mini-triathlon survivor plaque that was designed by Dave Rugg. Only one out of the 35 who started had to drop out. All of the others managed to make it to the finish line.

Next event scheduled by the Over-the-Hill Track Club will be a half marathon run (13.1 miles) on Saturday, Nov. 7.

There is an entry fee of \$8 per runner. Signups will commence at 8 a.m. at the NWC gym on Nov. 7, and the distance run will begin at 9 o'clock. Runners will follow a course marked out along roads both on- and off-Center in covering the 13.1 mile distance.

Appropriately lettered T-shirts will be presented to all those who finish the mini-marathon, and there will be other awards as well for the winners in the various age groups of this event.

(Continued on Page 7)



40-YEAR PIN PRESENTED — Capt. Lahr examines a 40-year Federal service pin before presenting it moments later to Vern Monckton, whose four decades of Federal service was about evenly divided between active duty in the Navy and work as a Civil Service employee at China Lake. — Photo by Don Cornelius

Belated 40-year pin award made to recently retired technician

A belated presentation of his 40-year Federal length of service pin was made recently to Vern Monckton, a former electronics technician in the Weapons Development Division of the NWC Weapons Department.

Presentation of the 40-year pin and the certificate that accompanies it was made by Capt. Lahr during a ceremony held in the Skipper's office. Monckton retired from Civil Service last May and is now employed by the PRC Ridgecrest Engineering Co.

Monckton's 40 years of service with the Federal government began in March 1941, when he enlisted in the Navy in Denver, Colo. Following boot camp he was sent to the Aviation Machinist Mate School in Chicago, Ill., in preparation for an extended period of duty with patrol squadrons that operated from various bases in the Aleutian Islands and in Alaska during World War II.

Following the war he was a crew member of P2V patrol planes that operated from air fields in Hawaii and Japan. Along the way toward accumulating 20 years of active military duty in the Navy, Monckton served at Chippa Lake for a year in 1959 as senior ordnance chief assigned to Air Test and Evaluation Squadron Five (VX-5).

Favorably impressed with the job possibilities and type of work available at what was then the Naval Ordnance Test Station (forerunner to the Naval Weapons Center), Monckton returned here and entered the Apprentice Program to prepare for employment as an electronics mechanic. That was a week after his discharge from



AZI Craig G. Wilson

the Navy as a chief petty officer in September 1960, and he continued to work here until his retirement from Civil Service in May 1981.

Monckton began the last half of his 40-year Federal service career by completing the four-year Navy Apprentice Program and accepting a job as an electronics mechanic in the old Test Department.

He was involved in the effort to modernize and miniaturize the Target Acquisition System in the range area and later, around 1966, worked as an electronics technician on a project to develop the laser gyro ocean sensor that is now used extensively throughout the Fleet.

For the last four to five years prior to his retirement from Civil Service, Monckton's skills as an electronics technician were used in the aircraft safety and survival field on work that went into the testing and development of the Vertical Seeking Ejection Seat and (more recently) the Maximum Performance Ejection System.

He is continuing to use the knowledge gained in this work at NWC as a contractor employee for the PRC Ridgecrest Engineering Co.

AZI Craig Wilson selected as NWC's Bluejacket of Quarter

Aviation Maintenance Administrationman First Class Craig G. Wilson has been selected as the Naval Weapons Center Bluejacket of the Quarter for July through September.

Bluejackets of the Quarter are chosen from Bluejackets of the Month during each 3-month period of the year. The Bluejackets of the Quarter from the Naval Weapons Center and Air Test and Evaluation Squadron Five then become eligible for the Bluejacket of the Year competition held under the sponsorship of the Indian Wells Valley Council of the Navy League.

Petty Officer Wilson is assigned to duty in the Quality Assurance/Analysis work center at Armitage Airfield as the maintenance management data analyst. He has an exceptional record for accuracy in his reports as well as for the work that he has done in writing specifications for computerizing the aviation monthly maintenance management report.

He has spent 17 years in the Navy, of which the past year-and-a-half has been at China Lake. The son of a career Air Force man, he says that he can't really list a home town because he's lived in so many different places.

As hobbies, AZI Wilson enjoys bow hunt-

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question, and state whether you are a military member, civilian employee, or a dependent. No other identification is necessary. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian Employee — Why the recent increase of more than 50 percent to the admission price of the Center theater, and also how come no more than one day's notice?

ANSWER

To begin with, the average Navy movie admission has been lower than that charged by the Army and Air Force for some time, so we of the Navy have been maintaining fictitiously low prices. The end results is that the Shore Movie Program was operating at a deficit. To correct that, the Navy Morale, Welfare and Recreation Policy Board in Washington took action to increase admission so that the Navy Motion Picture Program could be continued.

The late notification of price hike is regretted. We did not get the word in a timely manner. The Rocketeer, NWC Announcements, and the Recreation Bulletin were used to give as much coverage as possible.

Provided that you are interested in the movie shown, it's still a bargain in comparison to normal theater prices.

QUESTION

Military — Why can't the Navy get the better vehicles instead of the civilians?

ANSWER

The Navy does get the better vehicles. The civilians who work on the base are part of the Navy, in fact an extremely important part. If your question was how a vehicle is assigned, the answer is that new vehicles are assigned based on utilization, vehicle maintainability, and safety.

Each department has a transportation representative, designated by the department head, to act as the coordinator for all transportation requirements. Vehicles are assigned at the department level of the Transportation Division, and the transportation representative then makes the determination as to where within the department the new vehicle can be utilized. The average automotive vehicle age at NWC is 9.7 years.

QUESTION

Civilian employee — I work in the Personal Property Office and would appreciate it if you could make it clear what areas on the base are now considered China Lake and what are considered Ridgecrest? We deal a lot with house addresses, and I'd like to know that difference as would a lot of people.

ANSWER

Good question! We all receive our mail at Zip Code 93555 and that's the operative part of the address. By "The Book," that zip belongs to Ridgecrest. Post Office personnel have verbally informed us that the mail will be delivered regardless of whether China Lake or Ridgecrest is used. I have continued to use China Lake on my correspondence because it's more meaningful to me.

QUESTION

Navy wife — Why doesn't the base open up the SeaBee Trailer Court? Public Works isn't putting money into the mobile homes (fixing, cooling, plumbing) and a lot of us would buy mobile homes, but housing won't let us move in. It is a beautiful trailer court, and you get much larger spaces than you can get in town. Since we are required to live on base or lose our BAQ, which most of us cannot afford to do, why don't you just open up the trailer court? We would really appreciate an answer.

ANSWER

All mobile home units assigned to the trailer court are privately owned and are not maintained by the government. The court is tentatively scheduled for closure in the spring of 1982. Therefore, assignments have been suspended for this reason.

Daedalian Award . . .

(Continued from Page 1)

technical support for the laser rangefinder/designator.

George Ramirez, involved with the Hughes Aircraft Co. plant at El Segundo, Calif., in the soldering technology and quality aspects of the A-6E TRAM program.

Roy Hastings, who provided reliability support for the program during testing both at Hughes Aircraft and here on the Center.

Dick Walters and Ralph Johnstone worked with contractors in defining and reviewing the program's safety requirements.

On Oct. 23, the Daedalian trophy was presented to Capt. Lahr on behalf of the NWC technical team, and is now on display in the main lobby of Michelson Laboratory.

Reagan signs bill upping life insurance coverage

President Ronald Reagan signed into law on Oct. 17 a bill that will increase Servicemen's Group Life Insurance (SGLI) coverage from \$20,000 to \$35,000 effective Dec. 1, 1981.

The insurance will be increased automatically for active duty military personnel unless indicated otherwise by the individual. The cost of insurance increase (15 cents per \$1,000 of insurance) will be deducted automatically from pay checks.

Outstanding program planned at FWP awards banquet Nov. 18

"Off the Pedestal and Into the Real World" is the theme of the sixth annual Federal Women's Program Awards Banquet, which will be held on Wednesday, Nov. 18, at the Enlisted Mess, starting with a social hour at 6 p.m.

Reservations are required and must be made by purchasing a ticket from any member of FWP Committee by next Friday, Nov. 6. Tickets are \$8 per person for a three-meal buffet and for the program.

Heading the program will be actress Barbara E. Rowe, who will portray the role of Susan B. Anthony — a woman who spent more than 50 of her 86 years trying to secure the right of women to vote, and who died before her goal was achieved.

She was the driving force, organizing general and fund-raising genius of the women's movement of the nineteenth century.

Ms. Rowe will share the stage with a group of well-known local personalities who will present songs and a variety show to complement the activities of the women's movement. Taking part in this show under the directorship of Rebecca Conner will be Bill Altieri, Vonnice Goss, Bob Huey, Sandee Schwarzbach and Elena Vitale.

During the banquet, the announcement will be made of the winners of the Woman of the Year, Supervisor of the Year, and Department of the Year awards.

By the time that nominations closed on Oct. 23, 12 women had been nominated, six supervisors, and six departments. The selection committee is hard at work trying to make the very difficult decision about the

winner in each category because of the high qualifications shown by all the nominees.

Tickets to the dinner and program may be purchased from Gerry Auger, ext. 2961; Wanda Clark, ext. 3361; Rebecca Conner, ext. 2998; Jack Crawford, ext. 2254; Belle Hervey, ext. 2648; Electa Huston, ext. 2516; Hope Lewis, ext. 7520; Chief Theo Morgan, ext. 5337; Gene Schneider, ext. 6213; Jennifer Seffel, ext. 3733; Rud Stone, ext. 2986; Yvonne Williams, ext. 2514; Gwen Williamson, ext. 2714; and Judy Puterbaugh, ext. 2486.

When, how much to water suggested by Housing Office

For those new to desert gardening (and for others whose green thumb is somewhat brown), the Housing Division has come up with a suggested watering schedule to keep lawns in the Center's residential housing area in good shape.

From September through November, 20 minutes every fifth day should suffice, and in the December through February period, only 10 minutes every tenth day will do it.

Come March, April, and May, the water should be turned on for 20 minutes every fifth day again, and in the hot June through August time frame, 20 minutes every day, either in the morning or the evening, is needed.



STAR PERFORMER — Actress Barbara E. Rowe's portrayal of Susan B. Anthony will be the highlight of the entertainment portion of the Federal Women's Program Awards banquet on Wednesday, Nov. 18.

Police reports . . .

Theft of an automobile transmission from the backyard of a residence at 1509 Kearsarge Ave. was reported last Friday by the victim of the incident.

The transmission was taken from a car that was being worked on by its owner, and its disappearance wasn't discovered until several days after the theft occurred. Loss due to the theft was estimated at \$300.

SCOUT HUT DAMAGED

Damage caused by a barrage of rocks thrown at the Girl Scout hut was reported on Oct. 23 to China Lake police by users of the building, which is located adjacent to the traffic circle. One of the rocks penetrated a section of the wall. Cost to repair the damage is unknown.

Lecture dealing with software debugging, testing slated Nov. 9

Robert L. Glass, of the Boeing Aerospace Co., will give a technical presentation locally about Embedded Computer Systems Software Debug and Test that he has subtitled "Real Time: The 'Lost World' of Software Debugging and Testing."

The presentation has been scheduled in the Community Center at 9 a.m. on Monday, Nov. 9. This program is open to everyone who is interested, and will last about an hour, followed by a question and answer session.

Glass is a computing research and development specialist who has published widely in the field.

USAF team working on A-7D software moves to Tucson

Eight years of interservice cooperation at China Lake between the Navy and the Air Force in meeting the software requirements for the A-7D Corsair II aircraft were concluded recently by the transfer of the Air Force personnel involved in this effort to Tucson, Ariz., where they will continue their work.

Reason for the change is that the Air Force has transferred its A-7 aircraft from the Tactical Air Command to the Air National Guard, and a software development laboratory is being built at the Air National Guard facility at the Tucson airport.

The A-7 aircraft is a joint service aircraft incorporating a weapon system using an airborne digital computer to integrate the aircraft's avionics navigation and weapons delivery system. Operational flight program (OFP) tapes used to load the computer memory require maintenance (reprogramming, updating, and validation) throughout the life of the A-7 aircraft system.

VITAL FUNCTIONS PERFORMED

The A-7D/E aircraft was the first joint service aircraft with a digital computer and a completely integrated Navigation and Weapon Delivery System. The software program ties the entire system together. Thus, inputs from the inertial system to the computer enables the pilot to navigate the aircraft to targets and other destinations and inputs from other sensors such as the Forward Looking Radar (FLR) identify a target and its location relative to the aircraft to permit the pilot to launch an attack.

Eight years ago, when the subject first came up of the Navy supporting the Air Force A-7D software program, NWC was already involved in supporting the Navy A-7E software. For that reason, it was deemed advisable to bring Air Force personnel here to take advantage of already existing facilities instead of developing similar Air Force software facilities elsewhere.

The result has been a cost savings to the Air Force and Navy by the joint utilization of an existing Department of Defense facility/capability, a valuable interchange of information, and what those deeply involved in this effort feel has been an excellent example of interservice work.

Now, however, because of the technology advance in minicomputers, it is practical (due to greatly reduced costs) to establish a separate Air Force software development lab at the Air National Guard facility in Tucson — a move that also is mandated by the fact that complexity in command and control prohibit stationing Air National Guard pilots and aircraft at NWC.

The original agreement between the Navy and Air Force called for a minimum number of Air Force personnel to be sent to China Lake for training and to work here with Navy military and civilian personnel in accomplishing the goals of the A-7D operational flight program interservice support plan.

Bob Freedman, the A-7E program manager in the NWC Aircraft Weapons Integration Department, has headed up the Navy effort on this project, while (since 1976) Mark Jacobson, a former X-5 pilot, has been the program manager for the Air Force.

Jacobson and a group of six to eight other Air Force civilian employees, have been

assigned here on permanent change of station orders from Tinker Air Force Base in Oklahoma City, Okla.

During the first three years of this program, the Navy provided training for Air Force personnel involved in the A-7D software program. In 1976, the original Navy-Air Force agreement was extended and modified, and some of its guidelines were changed so that the Air Force team took on more responsibility after having developed their capability in the software area, Freedman said.

In the early days of this cooperative effort, the Tactical Air Command assigned a project officer-pilot, a crew chief, and an A-7D aircraft here, Freedman recalled.

When NWC personnel made some changes in the software program for its A-7E version of the Corsair II aircraft, the Air Force officer stationed here could fly the Navy aircraft with its modified software, and the same was true in the case of Air Force modifications to the A-7D software program.

Both Freedman and Jacobson agreed that

this enabled an excellent cross-fertilization of ideas to take place that was mutually beneficial.

An example of the type of thing that has happened, Jacobson said, is that the Air Force picked up on the Navy's development of an all-new weapons delivery mode called the Continuously Computed Impact Point (CCIP). Air Force personnel were able to enhance this development to enable weapons delivery to be made while the aircraft was in a banked turn instead of in wings-level flight only.

Now, in developing its new software facility at Tucson, Jacobson added, the Air Force will be coming up with non-recurring engineering in the development of its own A-7D software replacement facilities that will be useful to NWC.

The Air Force, it was noted, currently has custom-designed interfaces between the on-board aircraft computer and a simulation computer that will be of assistance to the Navy in future years when updated software facilities are developed here for the A-7E program.



A-7 AIRCRAFT TEAM BREAKS UP — Transfer by the Air Force of its A-7 aircraft from the Tactical Air Command to the National Guard has concluded a joint effort carried out here between Navy and Air Force personnel who were involved in working on software requirements of the A-7D/E aircraft for a period of eight years. The people who had a hand in this program during its final days are shown standing in front of the Air Force and Navy versions of the A-7 Corsair II aircraft. They are (l.-r.) Jack Willbur and Bob Freedman, A-7E project engineer, and program

manager; Mike Maxfield, Mark Jacobson and Mike Renta, A-7D systems engineer, program manager, and programmer; Mary Wyatt, A-7D/E support; Charlie Hill, A-7E systems engineer; Richard Breisch and Ralph Rodieck, A-7D programmer and simulation operator; Kathy Moore, A-7D secretary; and Ann Soto, A-7E secretary. The Air Force has moved its A-7D software program to the Air National Guard facility at the airport in Tucson, Ariz., where a software development laboratory is being built.

NWC firefighters get practice using 'jaws of life' equipment

The China Lake Fire Division gets realistic practices with its "jaws of life" equipment several times each year.

The Fire Division rescue personnel work with wrecked automobiles from which they can "rescue victims" by prying twisted and torn metal apart sufficiently with the jaws of life to enable a crew to remove the "victim" from the wreck.

The jaws of life are pincer-like prying tools hydraulically powered by a gasoline engine that is strong enough to develop 10,000 pounds opening or closing pressure.

The wrecked vehicle can be raised either with inflatable air bags or with an extremely high jack (or both) to enable rescue personnel to move a wreck into the best position for access to the victim.

For instance, this equipment was used to lift a jeep that rolled over in a one-car accident in the Site A Capehart housing late last year. If a wrecker had been used to lift

the jeep before the driver, who was trapped underneath, had been removed, he could have suffered serious injury.

Prior to the Kern County Fire Department, Ridgecrest Station, receiving its set, NWC's jaws of life were used on many occasions in Ridgecrest and the surrounding area, more than they were on the Center, where the accident rate is considerably lower.

The China Lake equipment is stored at Fire Station 1 at the Center's main site, but is rushed to the air field at any time that any emergency occurs with an aircraft so it would be on hand if an aviator need to be extricated from an aircraft in difficulty.

Practices enable the Fire Division personnel to maintain a high level of skill — a skill that they hope they will not need to use.

The wrecked automobile was furnished by Sierra Auto Recycling.



GETTING READY — Roger Teply (far left) and Bill Brickly inflate air bags under a wreck as Larry Kaul sets the high jack. Wayne Simoneau (right) stands ready with the jaws of life to rescue the "victim" from the automobile that was donated for this practice by Sierra Auto Recycling of Ridgecrest.

Energy fair at fairgrounds in Ridgecrest planned Nov. 21-22

A giant energy fair will be held at the Desert Empire Fairgrounds in Ridgecrest on the weekend of Nov. 21 and 22.

The fair, which will be free, will feature exhibits, workshops, helpful hints to make each household's energy dollar go further, and entertainment as well.

Tours of the Coso Known Geothermal Resource will also be scheduled so that those who are interested may see for themselves the operations under way there.

So far, public utility companies that have announced that they will have displays include Southern California Edison Co. and Pacific Gas and Electric. Both will answer questions about rebate programs and about home energy audits as well as having displays set up.

Malaria epidemic in Indian Ocean areas of concern locally

The Preventive Medicine Service at the NRMCC branch medical clinic locally is concerned about malaria.

So far, malaria has not reached this desert area, but it is being brought into the United States and especially California by travelers from the Philippines and countries bordering the Indian Ocean where an epidemic is raging.

A number of military and civilian personnel are occasionally required to travel to these areas where malaria is a menace, so information about the disease can help protect them. If a visit to any malaria-ridden area is scheduled, personnel should visit the Preventive Medicine Service at the NRMCC branch clinic three weeks before the departure date, if possible.

Malaria is carried by man, but not transmitted man to man. It is transmitted in the epidemic area mainly by the mosquito anophelis maximas flavovittatus, which breeds primarily between wet and dry seasons.

Normally, this mosquito mainly reserves the hours from 10 p.m. to 4 a.m. to bite humans; taking extra precautions during those times can help prevent being bitten.

Caution should be exercised at other hours, also, however, to avoid mosquito bites because other species of mosquito do transmit the disease.



FIRST STEP — Roger Teply and Bill Brickly slide flat air bags under the wreck used for rescue practice. These bags are then inflated so that they can provide a stable lift for the wreck to enable Fire Division personnel easier access to the "victim."

—Photos by Jerry Morrison

Construction work contracts awarded . . .

(Continued from Page 1)

In addition, the G-2 range road will be repaved for a distance of about six miles, as will the main road leading from the Propulsion Laboratories administration area to CT-2, and improvements will be made at street intersections in the vicinity of the Range Control Center and in the magazine areas.

Sealing and patching of about 25 miles of roads (mostly in the NWC range areas) will be done under a \$512,000 contract awarded to Slurry Seal of Arizona, a firm that operates out of Phoenix. Covered under this contract are repairs to the BEQ, police station and fire station No. 1 parking lots, as well as to streets and parking lots in the Propulsion Laboratories administrative area and in the range areas.

One firm, Stevens Construction, Inc., of Lancaster, Calif., landed six of the more significant contracts awarded for new construction, alterations and repair at the Naval Weapons Center. The list follows:

(1) Renovation of the Center gym and Auto Hobby Shop — \$197,000. New showers and toilets will be installed in the men's and women's locker rooms at the gym, along with terrazzo floor covering and ceramic tile walls. The work is to be started in January and be completed in three months. The car repair shed at the Auto Hobby Shop is to be relocated, and the concrete parking area is to be enlarged. Funds for this project were given to the Naval Weapons Center by the Naval Material Command as first prize for the Fiscal Year 1980 Energy Achievement Award Program.

(2) Remodeling of the Sidewinder Room

at the Community Center to provide work space for the Personnel Support Activity Detachment and for the Scheduled Airline Traffic Office — \$97,000.

(3) Replacement of boilers in various buildings around the Naval Weapons Center — \$169,000.

(4) Repair of the railroad siding located due east of the Sandquist Road gate — \$35,400.

(5) Miscellaneous construction and alterations, primarily to correct Occupational Safety and Health Act discrepancies — \$93,000. Sunshades are to be installed at compressed gas storage areas in the supply warehouses, at Michelson Lab and Lauritsen Lab, and in the Ordnance Propulsion Lab areas. The contract also calls for providing new access ladders to roofs of some buildings.

(6) Remodeling of space in Wing 3 of Michelson Laboratory to provide space for the Interactive Graphics Program — \$159,000. A raised computer deck, new air conditioning and fire protection systems are to be installed.

Other contracts awarded, the work involved, its cost, and the names of the successful bidders, are as follows:

Roof repairs at Michelson Laboratory (installing elastomeric — a rubber membrane — roofing) in various areas, \$186,000, GRD Co., of Los Angeles.

Repairs to heating and air conditioning systems at the NWC Administration Building, \$197,000, Campbell Heating and Air Conditioning of Ridgecrest.

Installation of new ventilating system in the Plating Shop at Michelson Lab, \$78,000,

Campbell Heating and Air Conditioning. Remodeling of an existing building at Armitage Airfield for use as an F-18 aircraft program warehouse, \$141,000, E. C. Morris and Son, Inc. of Lancaster, Calif.

Replacement of 4800 volt switching gear, a part of the electrical distribution system in the Ordnance Propulsion Laboratories area, \$170,000, E. C. Morris and Son.

Construction of a drop tower facility in the Skytop area, \$94,000, E. C. Morris and Son.

Replacement of air conditioning systems in two building in the north range area, \$77,000, Ashman Air Conditioning, Inc., of Bloomington, Calif.

Resurfacing of China Lake tennis courts, \$19,000, Malott and Peterson-Grundy of San Francisco, Calif.

Free immunization clinic scheduled Mon. in Ridgecrest

Another opportunity will be provided for infants, children and young adults (from 2 months through 17 years of age) who are not yet fully protected against common childhood diseases to obtain shots free of charge at a Kern County Health Department immunization clinic.

The next such public clinic to be held in the local area has been scheduled on Monday from 9 a.m. to noon and 1 to 3 p.m. in the Health Department office located at 250 W. Ridgecrest Blvd., Ridgecrest.

No appointments are necessary, but parents or legal guardians must accompany children to the clinic and sign consent forms.