



COMING TO MUSEUM — Carol Wilcher demonstrates her skill in making linoleum block prints, some of which will be featured along with a display of her needleworks at the Maturango Museum beginning next Wednesday, Feb. 17, and remaining there for a month. Looking on with interest is Carole Tobias.

Museum to feature display of Carol Wilcher handcraft work

Beginning next Wednesday, Feb. 17, the Maturango Museum will present in its new Sylvia Winslow Gallery a showing of the work of Carol Wilcher, who is well known in the Indian Wells Valley for her linoleum block printing and needlecraft.

The public is invited to a reception honoring the artist on Sunday, Feb. 21, from 3 to 5 p.m. in the gallery.

Mrs. Wilcher received a bachelor of fine arts degree from Carnegie Mellon University in Pittsburgh, Pa., in 1961. She has sold designs to American Greeting Cards and McCall's Magazine. Her "Village Collage" was reproduced in two magazines, "The Best of McCall's Needle Work and Crafts 1975" and "McCall's Pictures and Wallhangings 1975."

This well-known craftsman's works have been displayed in Maryland, Virginia, Connecticut, New Mexico and many areas in California. She is a member of the local Sierra Craft Guild and for five years has exhibited her work during spring and fall shows conducted by this group.

William McEwan's woodcarvings on display in Alaska

Woodcarvings by Dr. William S. McEwan, retired former head of the Chemistry Division in the NWC Research Department, will be on display in a competition sponsored by the Alaska Wood Carvers, Inc., during the 1982 Anchorage Fur Rendezvous, which is scheduled Feb. 12 to 21 in Anchorage, Alaska.

Dr. McEwan has submitted a collection of his one-of-a-kind woodcarvings in various divisions of the arts and crafts show at the Fur Rendezvous. Among them are a family of polar bears carved in holly, a life-size ironwood buzzard, and a multi-figure work entitled "Return From the Rockies" in black walnut.

The Anchorage Fur Rendezvous is a winter festival featuring more than 120 events during a 10-day period. In addition to the arts and craft shows, there is a carnival, a parade, a Grand Prix race, and three days of world championship dog sled races.

The judges of the 1981 Fur Rendezvous wood carvers' competition awarded Dr. McEwan a total of eight ribbons, including the coveted award for best of division.

His award-winning carvings will be on exhibit here at his studio, located at 132 Desert Candles Dr., Ridgecrest, after March 1.

Bishop, and in Bakersfield, and has participated in Santa's Art Shoppe and the Fire Mountain Foundation Exhibit at Cerro Coso Community College.

The motif for Mrs. Wilcher's linoleum block prints ranges from desert poppies, thistles, columbine and yucca to Bicentennial prints, in addition to Indian petroglyphs.

In the line of needlework, she makes skirts, vests, stoles, pillows, tote bags, place mats, table runners and wall hangings, as well as Christmas stockings and banners.

Lecture on IRAs, other tax shelters set Feb. 18 at college

A lecture on individual retirement accounts (IRAs) and other tax shelter retirement plans will be held next Thursday, Feb. 18, from 7 to 8:30 p.m. at Cerro Coso Community College.

The speaker will be David Elkins, a representative of the investment firm of Dean Witter Reynolds, Inc., from Bakersfield.

Since Jan. 1, 1982, any working man or woman in America can set up and take advantage of the tax-sheltered benefits of an IRA. This includes self-employed individuals, as well as those who work for someone else. Government Civil Service employees and military personnel fall into the latter category.

Jacket liners available

The Navy Exchange retail store now has liners (and the velcro to fasten the liner in place) for khaki utility jackets in stock. Price for the liner and velcro is \$11.10 per jacket, a real bargain.

Preparations nearly complete for annual CPO Ball on Feb. 20

Preparations are nearing completion for the social highlight of the year at the Chief Petty Officers' Club — the CPO Ball that has been scheduled on the evening of Saturday, Feb. 20.

A topnotch band, the "Port and Starboard" musical group from the Naval Station at San Diego, has been booked for this gala occasion, and there will be an excellent meal offering as the main entree a choice of prime rib au jus or top sirloin steak.

Dinner will begin at 7:30 p.m., followed by introductions and presentation of the guest speaker, Capt. Lahr, at 8:30. Dancing to the music of "Port and Starboard" will round out the evening.

All active duty and retired Navy chiefs, as well as civilian guest members of the CPO Club, are invited to attend along with their spouses or dates.

Tickets for the CPO Ball, priced at \$10 per person, are moving fast, but can still be ordered by calling the CPO Club office at NWC ext. 3633 or 3634.

Advice offered on freeing dogs caught in traps for animals

Traps set by hunters can't discriminate between the small animals for which they are set and dogs that may just be out for a stroll.

Mike Stone, California State Department of Fish and Game warden for the area, reports that several people have been bitten by their own dogs recently when the dogs have been caught in traps and the owner became panicky and tried to pull the dog loose.

"Keep calm," is Stone's advice, "because your dog will react in the same way that you do, and he's already frightened by not being able to move."

Stone says that traps have a spring on either side that can be readily opened, releasing the animal that is caught without injuring it.

He also notes that most of the traps are legally set, making it illegal to pull them out, but that if there is any question, those finding traps should report them to the warden rather than pulling them loose since the warden will be able to determine whether the trap is indeed legal.

Reservations for purchasing firewood no longer accepted

Until further notice, no additional reservations for the purchase of firewood are being accepted by the Recreational Services Department.

So many requests to buy firewood were received that it is necessary to handle them first, before accepting any additional ones.

According to AOC John L. Vick, military liaison officer for the Recreational Services Department, it is expected to be two or three months before the backlog is cleared up and additional reservations for the purchase of firewood can be accepted.

MOVIES

(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 7:00 p.m.

FRIDAY, SUNDAY FEB. 12, 14
"THE FOX AND THE HOUND"
Starring
Mickey Rooney and Kurt Russell
(Animated, rated G, 110 min.)

SATURDAY, MONDAY FEB. 13, 15
"THE NIGHT THE LIGHTS WENT OUT IN GEORGIA"
Starring
Kristy McNichol and Mark Hamill
(Musical drama, rated PG, 112 min.)

WEDNESDAY FEB. 17
"EYE OF THE NEEDLE"
Starring
Donald Sutherland and Kate Nelligan
(Thriller, rated R, 112 min.)

Next meeting of High Desert Arts Council planned March 2

The High Desert Council for the Arts will hold its regular monthly meeting on Tuesday, March 2, at the Sylvia Winslow Exhibit Gallery of the Maturango Museum, starting at 11:30 a.m. Attendees are asked to bring a sack lunch.

All area artists and arts-related organizations, groups and individuals are invited to attend or send a representative to the meeting. Some of the activities of the High Desert Council for the Arts are partly supported by a grant from the California Arts Council through the Maturango Museum.

Anyone seeking more information may contact the Maturango Museum by calling 446-6900, or writing the Council for the Arts in care of Post Office Box 1776, Ridgecrest, CA 93555.

Happenings Around NWC

The NWC Recreation Department, in conjunction with the China Lake Ski Club, will conduct a ski equipment swap meet on Saturday, Feb. 20, from 2 to 4 p.m., at the Community Center.

There will be no charge to person's selling equipment and admission is free.

All ski equipment and ski-related equipment to be sold should be pre-priced and dropped off at the Community Center no later than noon on Feb. 20. Contact the Community Center to arrange a drop-off time for items to be sold.

For further information, call the Community Center at NWC ext. 2010.

PRE-SCHOOL GP. TO MEET

June Wasserman will discuss "How To Improve Communication Skills" at a meeting of the Desert Area Preschool Association (DAPA) on Thursday, Feb. 25, at 7 p.m. at the Desert Counseling Clinic Offices, 814 N. Norma St., Ridgecrest.

Everyone who is interested is invited to attend. The discussion is free to those who are members of DAPA; a small fee of \$2 will be charged for anyone not a member of DAPA.

Refreshments will be served.

OPTICAL SHOP MOVED

As of last Friday, the Navy Exchange optical shop moved into the main store from its former location in personalized services.

There will be a grand opening event scheduled shortly to celebrate the move.

U.S. Government Printing Office: 1982-1011

From: _____

PLACE STAMP HERE

To: _____

Weekend Roundup

A Sweetheart Dance, sponsored by Los Amigos Hispanos, will be held tomorrow evening from 9 o'clock to 1 a.m. in the Exhibit Building on the Desert Empire Fairgrounds in Ridgecrest. Everyone is invited to attend and enjoy the music of "La Rebelion."

Tickets, which are priced at \$7 per person or \$12 per couple, will be on sale at the door.

Parents Without Partners is having a Valentine Party this evening starting at 9 o'clock at Sarah's house in Inyokern. There is a \$2 admission fee for members, with guests paying \$3.50. Refreshments, dancing and music are scheduled.

For more information and directions to Sarah's house call Sarah at 375-1697 or Helen at 377-5174.



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

February 12, 1982

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PROBLEM SOLVERS — Their success in solving a problem in the seeker component of the Laser Maverick missile was the basis for presenting an NWC Technical Director Award to (l.-r.) Richard Gould, Maurice Bell, and Albert Koch, as well as to John Schorr, who was unable to be present for the photo. As this picture was taken at the rate table in the laser lab at Lauritsen Laboratory, Gould was making minor adjustment on the seeker. It was their work on field tests of the Laser Maverick seeker component, not lab testing, that won the Technical Director Award for Gould, Bell, Koch and Schorr. —Photo by Don Cornelius

Solving of Laser Maverick seeker problem leads to Technical Director Award

Four Naval Weapons Center employees were singled out last week to receive the NWC Technical Director Award for discovering and then solving a seeker problem in the Laser Maverick missile design.

Presentation of the TD Award was made during the Feb. 1 Commander's meeting by Bob Hillyer to Albert Koch, Richard Gould, and John Schorr, all employees in the Laser Guidance Branch (Code 3942) of the Weapons Department's Electro-optics Division, and to Maurice Bell, of the Telemetry Systems Branch in the Range Department's Telemetry Division.

Their accomplishment was cited by Hillyer as an example of why the technical capabilities of the Department of Defense laboratories are needed to check on work that is being done for DoD by contractors.

All four men received an engraved paperweight, a letter of commendation, and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

Laser Maverick is an Air Force development. Since its inception, however, employees of NWC's Laser Guidance Branch have been involved in monitoring its

progress. It is a very important weapon for the Marine Corps — providing as it does a direct attack capability at low altitudes, Hillyer said.

The problem with the Laser Maverick that Koch, Gould, Schorr and Bell were involved in solving was discovered to be a peculiarity in the missile's timing circuitry.

Because of this anomaly, the aim point during the terminal phase of the missile flight would shift and not be on target. Then, as the missile moved even closer to its intended strike point, an automatic correction of this guidance error would occur, but not until it was too late for the missile once again to be correctly lined up on the target.

Based on flight test results, the problem was identified, after the contractor was asked to bring the seeker to China Lake to conduct field tests. The contractor provided manpower to assist in operating the equipment during the tests.

The four latest recipients of the NWC Technical Director Award discovered the problem in two weeks' time and came up with a simple, one-component corrective fix for the Laser Maverick missile seeker.

Koch and Gould planned and designed the tests, analyzed the resulting data, determined that a problem did exist, and identified the source of the problem. It was Gould who developed a solution to eliminate the seeker problem.

Bell provided the laser designation (Continued on Page 4)

Bids sought for sale of 3 parcels of government land

Sealed bids are now being accepted by the Regional Office of the General Services Administration (GSA) in San Francisco on the sale of three parcels of government land that is excess to the needs of either the Navy or the U.S. Government.

Two of the three parcels of land were (at one time) part of the area set aside for the Cottonwood housing tract located along the north side of East Ridgecrest Boulevard between Sunland Avenue and the northerly extension of Gateway.

When the developer ran into financial problems and couldn't build as many homes as initially planned, ownership of the unused land reverted to the federal government.

The largest of the three parcels now up for sale (72.8 acres) is just east of the present Cottonwood housing tract, and there is a smaller parcel (5.2 acres) to the west of this housing area.

In addition there is other unimproved land adjoining East French Street (the Burroughs High School access road) that is excess to the Navy needs and is being offered for sale. This is a parcel 7.5 acres in size.

Bids will be accepted separately on any of the three sale units, or for all three of the sale units combined.

Information on terms and conditions of the sale can be obtained by writing to the General Services Administration, Business Services Center, Room 200, 525 Market St., San Francisco, CA 94105.

The deadline for receiving bids from prospective buyers of this property is 11 a.m. on March 23 at GSA's Regional Office in San Francisco.



AMS3 Webber, VX-5 Bluejacket of Quarter

AMS3 Webber is VX-5's Bluejacket of Quarter

Aviation Structural Mechanic Third Class Julie A. Webber has been selected as Sailor of the Quarter for Air Test and Evaluation Squadron Five for the period of October through December 1981. She had been previously selected as Sailor of the Month by VX-5 for November.

In the citation written to AMS3 Webber, Capt. P. F. Hollandsworth, VX-5 Commanding Officer, noted that "While working as the Training Petty Officer of the Line Division assigned to the early crew, your work has been instrumental in assuring that all Line personnel are current in all aspects of aircraft support. Your training program is second to none and a fine example for other shops to emulate."

The citation also points out that Petty Officer Webber is the only plane captain qualified on three aircraft (A-6, A-7, and F-18), and that she is the first female plane captain for the F-18 Hornet aircraft.

The citation adds that "Your dedication

and exemplary behavior distinguish you as a true professional. You have earned the respect of all your co-workers and have proven yourself an invaluable asset to this command."

Petty Officer Webber came to VX-5 nearly two years ago, fresh from boot camp, and has had all of her training as a plane captain on the job rather than through "A" school. China Lake looks much like her home area — she is a native of Reno, Nevada — and she enjoys the desert area, although one of her hobbies is skiing.

Much of her spare time is taken up by attending classes at Cerro Coso Community

College. AMS3 Webber had been a fulltime pre-med student at the University of Nevada in Reno, when she enlisted "because I was tired of going to school, but I didn't really want to interrupt my education so I joined the Navy."

Being in the Navy is a family tradition for the Webber family. Her father spent 10 years as a Seabee before re-entering civilian life, and her brother is in the Navy, stationed in San Diego.

AMS3 Webber is majoring in child development at Cerro Coso College and hopes to complete her AA degree there (Continued on Page 3)

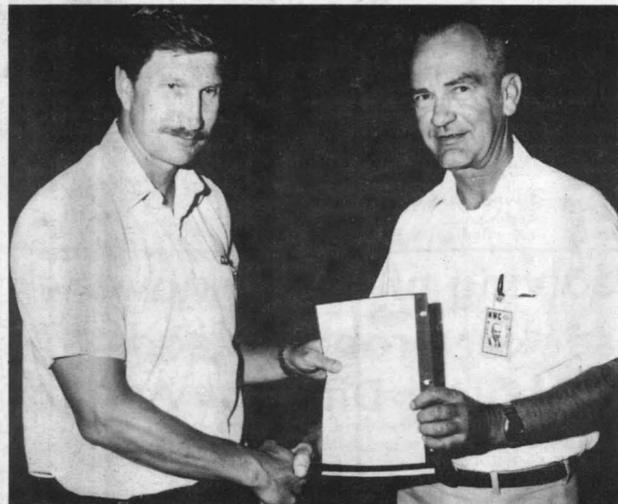
Construction work next to Hanger 3 to require detour

Beginning on Tuesday and continuing for a period of about eight weeks, the road that runs by the construction site at Hangar 3 at Armitage Airfield will be blocked intermittently by a crane that will be in use to lift steel girders into place.

A detour that will eliminate a number of parking places will be set up through the parking lot east of Hangar 3 to allow two-way traffic to continue to travel past the hangar.

Traffic lanes will be clearly marked and the speed limit will be reduced to 5 miles per hour while this work is in progress. Motorists are asked to exercise caution driving through this area.

The work that is underway is construction of a Weapons System Support Facility on the east side of Hangar 3.



INITIAL PATENT AWARD PRESENTED — John Crisler, an electronics engineer who heads the Surface Target Fuze Branch in the Fuze and Sensors Department's Fuze Systems Division, was the recent recipient of an initial patent award that was presented by Matt Anderson (at left), head of Code 33. Crisler devised a method of implementing a polarized co-axial transmitter/receiver for use in active optical ranging systems.

Skill test is required for dirt bike off-road riders on Center

As the weather begins to warm up, increasing numbers of dirt bike riders will again sally forth into the sunshine to enjoy the out-of-doors.

Many of the dirt bike riders on the Center (or their parents, in the case of dependent minors) are not aware that Naval Weapons Center Instructions specifically require that all personnel, military and civilian, their dependents and guests, who operate vehicles off-road in designated NWC recreation areas are required to complete an off-road vehicle course and skill test prior to riding in these areas, and must have the certificate of successful completion of the course with them at all times that they are riding.

Anyone who has not taken and passed the course, but who wants to ride a dirt bike on board, can register for class by telephoning the Safety and Security Department at NWC ext. 2367 or 2037. Classes are given regularly.

Even though a dirt bike is not licensed, it is necessary for anyone who brings one onto the Center to ride to have a vehicle registration form filled out for use on-board. Liability insurance, though not required, is strongly urged, and a certification of ownership of the dirt bike is required.

The applicant for such a registration must be a Center resident; if the bike rider is under 18 years of age, the permit will be issued in the name of the parent or guardian of the young rider.

Both head and eye protective equipment is required at all times that anyone rides a motorcycle, whether dirt or street type, on board. The same protective gear is required for passengers as well.

During the training class the rules and regulations covering dirt bike riding on board are covered, and riders (or their sponsors, in case of minors or guests) will be held responsible for following these rules and regulations.

Rec. facilities open on holiday

The following hours of operation will be observed by business and recreational facilities at the Naval Weapons Center during the Washington's Birthday holiday on Monday.

Facility	Hours
Bowling Alley and Snack Bar	11 a.m. to 11 p.m.
Youth Center-Skating Rink	1 to 8 p.m.
Center Theater	Box office opens at 6:30 p.m.
Gymnasium	11 a.m. to 6 p.m.
Indoor Pool	
Lap Swim	Noon to 1 p.m.
Open Swim	1 to 5 p.m.
Golf Course	7:30 a.m. to 5:30 p.m.
Golf Course Snack Bar	7 a.m. to 3 p.m.
Camping Issue (at gym)	11 a.m. to 6 p.m.
Navy Exchange Mini-Mart	10 a.m. to 7 p.m.

Facilities not listed above will be closed all day on Monday.

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NWC Commander

R. M. Hillier
Technical Director

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Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional 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. 00-004, Secretary (Typing), GS-318.5, PD No. 8033082N, Code 03A — This position is temporary not to exceed 1 year. This position is located in the Deputy Technical Director/Laboratory Director's Office of the Naval Weapons Center. The incumbent provides clerical and administrative assistance to the Deputy Laboratory Director and the Laboratory Administrator. Duties include: receives visitors and phone calls; exercises control over appointment calendar; receives and screens incoming mail; maintains files, prepares travel orders and itineraries; reviews and prepares correspondence. This position may be converted to full time permanent without further advertisement. Promotion potential to GS-4, promotion not guaranteed. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to 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 form 171. Supplemental available in the Personnel Bldg, Rm. 113, from Susie Cross.

Announcement No. 0806, Budget Clerk/Assistant, GS-561.3/4/5, PD No. 7708940N, Code 9836 — This is a part-time position located in the Office of Finance and Management, Budget Division. The incumbent will provide fiscal clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customers order/job order numbers, assists the department in processing travel orders and/or material requisition actions. Job Relevant Criteria: Demonstrated ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures.

Announcement No. 24-282, Electrician, WG-2805.8, JD No. 316N, Code 2641E — This position is in the Maintenance Division of the Public Works Department. Incumbent plans proposed installations from blueprints, sketches, and specifications, cuts pipes to size, threads, assembles, and fuses to building framework, and pulls wire through conduit. Lays out, assembles, installs, and tests electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light, and power systems of buildings. Splices wires, cables, and auxiliary equipment, replaces defective wiring, overhauls and repairs motors, performs non-scientific electronics work of experimental nature, maintains and repairs electrical and electronic equipment in boiler plants. Job Relevant Criteria: Use of electrical test equipment; knowledge of electrical theory; electrical wiring, hand and power tools; safety and dexterity; ability to do the work of the position without more than normal supervision; technical practices. Supplemental Qualifications Statement is required along with SF-171 and may be picked up at the reception desk of the Personnel Building.

Announcement No. 24-383, Construction Representative, GS-809.9, PD No. 8024035N, Code 2614 — Position is located in the Maintenance Control Division of the Public Works Department. Incumbent will perform surveillance and inspection work on construction contracts between the Navy and private individuals, corporations or partnerships, or other contracts subject to administration by NAVFAC. The incumbent reviews project plans and specifications prior to contract advertisement; attends prebid and preconstruction conferences to discuss principal construction features and requirements; coordinates construction operations with contractors, station personnel and Public Works Officer. The incumbent observes and investigates construction at all stages. Job Relevant Criteria: Knowledge of construction practices and methods; knowledge of contract administration; knowledge of construction management; ability to deal effectively with a variety of personnel.

Announcement No. 31-043, Electronics Engineer/Computer Scientist/Physicist/Aerospace Engineer, DP-85/1550/1310/861-3 (interdisciplinary), PAC 223323, Code 3103 — Position is located in the AAM/AV-8B Program Office, Aircraft Weapons Integration Department. The incumbent will be a member of the team working on an aircraft which is in the forefront of technology (the AV-8B

for the USMC) acting as the Project Engineer for AV-8B trainer activities. The incumbent will be responsible for breaking ground for AV-8B trainer involvement. This is a complex task involving software development, monitoring, planning and coordination with contractors, and the team which includes manpower and budget definitions to accomplish the short and long range requirements. The task will include participating with the F-18 WSSA in determining the best approach to trainer support. Job Relevant Criteria: Knowledge of development/configuration management; familiarity with Military Standards/Directives applicable to software development/documentation; demonstrated ability to research, plan and organize complex tasks involving software development including generation of tasks, asset and budget planning. Applications will be accepted from status eligibles.

Announcement No. 31-044, Mechanical Engineer, DP-830.3, PAC 8031583, Code 31403 — This position is located in the AAAS Program Office, Avionics Division of the Aircraft Weapons Integration Department. Incumbent will be responsible for the development, synthesis, coordination and integration of advanced concepts relating to the AAAS Program. The incumbent is responsible for the determination of interface requirements for both current and future aircraft weapon systems and other types of stores, and for the integration of these requirements with those pertaining to armament, launchers, racks and aircraft carriage systems. The incumbent is responsible for the technical feasibility and adequacy of design, hardware development and fabrication, and verification and integration of advanced concept models, components and subsystems to be carried through system development. Incumbent is responsible for generating and providing data for the plans, budgets and schedules for system engineering development projects. Job Relevant Criteria: Knowledge of the technical and administrative aspects of managing research and development programs in exploratory and advanced development; ability to coordinate the work of technical experts in many varied fields of discipline; ability to communicate and report effectively to provide integration of efforts and assignments. The incumbent must have at least five years experience in engineering design, fabrication, and testing programs.

Announcement No. 33-009, Electronics Engineer, DP-855.3, PAC 8232596, Code 3335 — This position is located in the Long Range Missile Fuze Branch, Fuze Systems Division of the Fuze and Sensors Department. The incumbent will serve as the head of the Engineering Section, Code 33352, of the branch and will be responsible for the supervision of five employees. Code 33352 is responsible for planning, coordinating, and implementing the transition of target detecting devices from the engineering development stage into the production phase with continuous engineering support for production and fleet use. Code 33352 will participate in the development process to assure a smooth transition into production. This effort involves design and procurement of development production test equipment, procurement activities for contractor support from the development through production phase of the TDD, monitoring the fabrication, test, and acceptance of fuzing systems for both development and production contracts, and liaison with other civilian and government agencies. Job Relevant Criteria: Knowledge of electronic engineering and fuzing systems development; ability to supervise an organized group of Level I, II, and III associates responsible for specific assignments and the ability to plan, schedule, coordinate, and conduct technical work as part of a major project; the ability to effectively communicate both orally and in writing.

Announcement No. 3607, Quality Inspection Specialist (Mech), DT-1960.2, PAC No. 8236572N43, Code 3443 — This position is located in the Quality Control Branch, Engineering Prototype Division, Engineering Department. The purpose of this position is the product verification including FACI, on a wide variety of complex mechanical components, sub-assemblies, on weapons, weapons systems and various other projects, to determine compliance of the physical characteristics to establish design requirements and military specifications. The incumbent performs work requiring the use of very specialized measuring equipment which requires devising and improving new methods and techniques for using such equipment. Job Relevant Criteria: Experience in the area of complex manufacturing processes and techniques; specific experience in the areas of quality assurance.

(Continued on Page 7)

Deadline date for long-term training extended to March 5

The deadline has been extended to March 5 for the receipt of completed application forms from NWC employees who are interested in undergraduate long-term training on a fulltime basis.

The applications can be obtained from Donna Gage, Code 01A2, by calling her at NWC ext. 3793. The completed forms are to be returned to the reception desk in the Personnel Department building, 505 Blandly Ave.

Following guidelines published in the NWC Long-term Training Handbook, the LTT Committee will select the most highly qualified applicants.



DIVINE SERVICES	
PROTESTANT	
Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Masses	0830 & 1130
Daily Mass (except Saturday)	1135
Sunday Religious Education Classes	1000
JEWISH	
Friday in the East Wing	1930
UNITARIAN	
Sunday, Annex 95, as announced	1930

Gym patrons who rent lockers asked to clean them out

In preparation for a major rehabilitation project at the Naval Weapons Center gym, men and women who rent lockers at the gym are asked to clear them out and remove their own locks no later than Wednesday, Feb. 24.

While this renovation work is in progress (March 1 through May 14), men's and women's locker rooms, showers and bathrooms will be closed. Included in this project will be the installation of new flooring in the locker rooms and concrete pads as foundations for the lockers.

Printed notices were sent out last week to those who rent lockers at the gym informing them of the necessity to remove their personal property from the lockers, as well as their own locks.

Inspections will begin on Feb. 25 to make sure that all lockers are empty. All locks that are government property must be left on the gym lockers.

Those who rent gym lockers also are asked to make sure that all gym towels stored in their locker are turned in. Clean towel service will be provided during the time that the rehab project is underway.

The printed notices sent to those who rent gym lockers included a form that is to be filled out and returned for use in obtaining credit on next year's gym locker fees. Credit slips will be mailed back to those who rent lockers after the project has been completed.

While the gymnasium rehabilitation project is underway, those areas where the work is in progress will be closed, but the gym office, basketball court, swimming pool, weight rooms, and racquetball courts will remain open.

Wind conditions make fishing slow at Lake Isabella

Depending on the weather, loads of people may be heading to the Lake Isabella-Kernville area this weekend for Whiskey Flat Days, and may be carrying their fishing rods along with them for a bit of sport in between the other activities scheduled.

Fishing at the lake during the past week has been slow, largely, in the opinion of old timers, because the wind was blowing from the northeast. Fishermen who are trying for bluegill or crappie, from the shore are striking out (although those who have boats and know the best spots in among the trees and rockpiles are still catching some fish, especially bass).

Bass fishing from shore is best where there are rocks and boulders in the water, such as at Piney Point, Rocky Point, in the French Gulch area, and between Boulder Gulch and the north fork marina. Long-time bass fishermen who have their favorite holes staked out (and a boat to take them there) are doing moderately well among trees and submerged rocks.

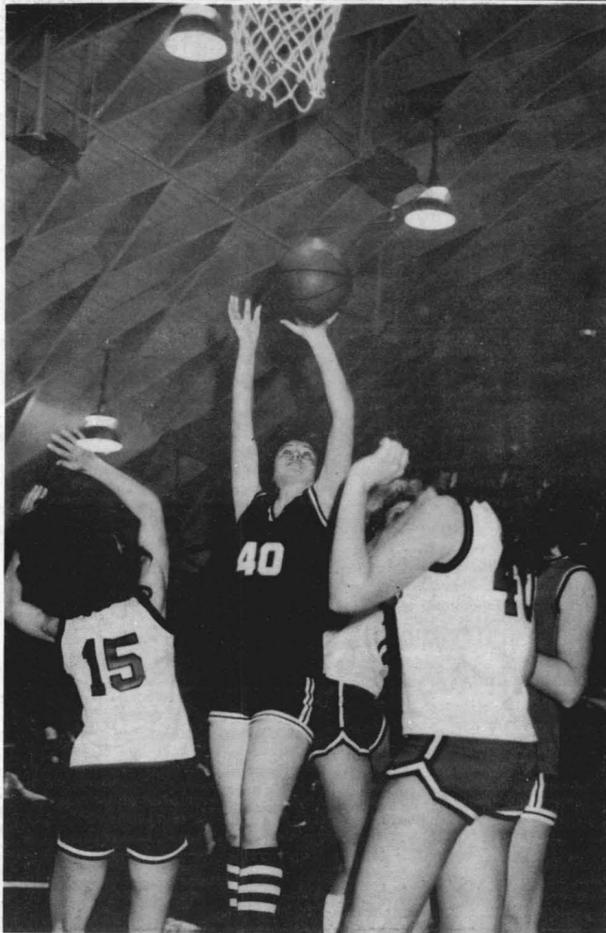
Trout are being taken all around the lake, but especially at Kissack Cove, Camp Nine, and Paradise Cove. ("Look for other fishermen," is what California Department of Fish and Game personnel advise, "and see what they are catching.")

Yellow cats — actually brown bullheads — are biting on worms and night crawlers, and white catfish are also being caught in basically three weight categories: 1½ pounds, 3½ pounds, and 6 pounds, possibly representing three different age categories. Catfish can be found from Camp Nine north, and at Boulder Gulch, Rocky Point, and Robinson's Cove.

Men's Golf Club to make plans for coming year

The bi-monthly meeting of the China Lake Men's Golf Club will be held next Wednesday, Feb. 17, starting at 5 p.m. at the golf course clubhouse.

Jim Kincheloe, club president, and others will discuss plans for the coming year. All members are invited and urged to attend.



GOING FOR THE HOOP — Carla Everitt (No. 40) puts up a shot at the hoop for Burroughs in the BHS girls' game against Antelope Valley. AV defenders who are out of position to block the shot are Rhonda Lowry (No. 15) and Lori Anderson (No. 40). — Photo by Don Cornelius

BHS boys now in 1st place . . .

(Continued from page 6)

The Falcons were still showing signs of life as they trailed by 11 at the start of the fourth period, but the Burros then broke the game wide open during the next 5 min. by scoring 18 unanswered points and opening up a 29-point lead of 60-31.

Scott Fulton and Danny Means led the BHS varsity charge with 8 and 6 points, respectively.

Coach Larry Bird rested his regular players and put the reserves into the game for the final 3 min. of play. The Falcons finished the contest with a 11-point flurry, just 2 more than the Burros tallied during this interim.

Fulton was the game's high point man with 23, while Dalton Heyward tallied 15, and Means chipped in 13 for the BHS varsity. Top scorers for the visitors from Palmdale was Ron Pilkinton, who had 19, and Dave Jennings with 11.

Faced with a "must win" situation last Saturday night in Lancaster, the Burros responded in championship fashion. Six points each by Dalton Heyward and Danny Means helped to get the BHS varsity off to an 18-12 first-quarter lead. The score was tied six times in the hectic first period of play.

A collapsing defense on the inside used by the 'Lopes forced the Burros to pop from the outside, and they more than outdid their opponents by hitting 75 percent of their shots in the first 8 min. of action.

The Burros were able to keep the pressure on the 'Lopes, who rallied to cut the BHS lead to 3 points early in the second quarter. A defensive switch backfired on AV, however, as it left Paul VanderWerf open to can a pair of back-to-back field goals for Burroughs just when it appeared the Antelopes were beginning to move. At the halftime intermission, the Burros

had a 10-point lead of 35-25. Dalton Heyward's five field goals and a free throw gave him 11 points, followed by Danny Means and Scott Fulton, who had four and three field goals, respectively, for 8 and 6 points.

The BHS varsity played well on defense and also held the upper hand in the scoring department during the third quarter. The Burros led by as many as 17 points (48-31) before the 'Lopes got their second wind and reduced the BHS advantage to 50-37 at the start of the final period of play.

Tenacious defense continued to mark the play by the BHS varsity in the fourth quarter of action at Lancaster — notably blocked shots by Scott Fulton and Dalton Heyward — and that along with field goals by Means and Heyward, as well as timely free throws by Fulton and VanderWerf, prevented any last-minute rally by the 'Lopes.

Heyward was the game's high point man with 17, while two other starters for Burroughs — Fulton and Means — were close behind with 16 and 15, respectively.

Top scorers for Antelope Valley were Vic Wilson, who hit 14; Bruce Hill, with 11, and Ron Chaplin, who tallied 10.

China Lake Tennis Club slates meeting Feb. 19

The annual meeting and party of the China Lake Tennis Club will be held on Friday, Feb. 19, at 7 p.m. at the American Legion Hall, 641 Inyokern Rd, Ridgecrest. Beer, wine and soft drinks will be provided.

Everyone interested in tennis is welcome to attend the meeting at which the officers for the following year are elected.

Officers to be filled include president, vice president, secretary-treasurer, tournament director, team captain, and social chairman.

Burroughs soccer team bites dust in 2 more league tilts

Golden League foes from Canyon and Saugus High School last week improved upon their season records at the expense of the Burroughs High School soccer team.

The Canyon Cowboys trimmed the Burros 6-1 in a game played on Feb. 2 at Canyon, while the Saugus team returned home victorious by a score of 2-0 following a game played last Friday afternoon at the BHS athletic field.

The Burros averted a shutout in their game against the Canyon Cowboys, who had a 6-0 lead when Kenold Prince of Burroughs scored on a 30-yd. free kick with just 5 min. left to play in the game.

Despite the lopsided defeat, Coach Karl Kauffman was encouraged by the improvement shown by the Burros in their efforts to control the ball in the midfield area, and also at times on offense in the opposing team's end of the field.

Two goals each by Eddie Rodriguez and Marse Hernandez paced the Canyon Cowboys' attack. In addition, Jamie Martin broke free once to score for the Cowboys, and a ruling against BHS goalie John Lloyd, who was bumped on the goal line, resulted in the final score for Canyon. It was ruled that Lloyd had the ball in his possession when he was knocked backward across the plane of the goal line.

During a hard-fought game here last Friday, the visitors from Saugus took advantage of two errors in communications between the BHS goalie and his nearest defenders that allowed the Centurions to score twice.

The goals, nearly carbon copies of each other, were tallied early in the game and came within 5 minutes of each other.

Except for those two letdowns on the defense, it was the consensus of sideline observers that the Burroughs High Soccer team slightly outplayed its counterparts from Saugus.

Opportunities . . .

(Continued from Page 2)

quality control and inspection techniques; ability to deal effectively with people at NWC and at other agencies.

Announcement No. 3608, Quality Assurance Specialist, GS-1910-11, PD No. 8236019E, Code 3681 — This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent of this position will apply and implement quality assurance quality control techniques and principles to ensure that 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 procedures, standards and instructions applicable to government soldering programs; 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 at this level. Extensive travel may be required.

Announcement No. 3609, Interdisciplinary Mech/Electronics/General Engineer, DP-830/855/801-3, PAC No. 8236019E, Code 3684 — This position is located in the Soldering Program Office, Engineering Department. The incumbent will act as production project manager specializing in the Soldering Program. The incumbent will be involved in coordinating the efforts of the prime and second source contractors of the fuze. This includes, but is not limited to, the coordination of ECP's communication with contractors regarding interpretation of government drawings, specifications, test procedures, and the review and reporting to NAVAIR/contractor on the adequacy of Production Program Plans, Work Breakdown Structures, Quality Acceptance Program Plans, Reliability Program Plans, Vendor Qualification Test Plans, Lot Acceptance Programs, and other data items specified in respective contracts. The incumbent coordinates efforts of in-house support team (i.e., QA, reliability, design/technical, etc.) in investigating and resolving problems affecting the production of the fuze. Job Relevant Criteria: Knowledge of the Soldering fuze; understanding of production requirements, configuration management and control, and the Systems Acquisition Cycle; ability to deal effectively with all levels of technical and management personnel at NAVWPNCEN, NAVAIR, other government activities, and contractor's facilities; ability to prepare budget submittals to sponsors; ability to make effective oral and written presentations.

Announcement 26-284, Supervisory General Engineer, DP-801-4, PAC No. 8024519E, Code 262 — (This is a temporary position not to exceed one year but may become permanent at a later date without further competition.) This position is head, Engineering Division, Public Works Department. Incumbent supervises, through subordinate supervisors, the operation of the Engineering Division, which is composed of six branches: Work in the division is done in the following fields: Architectural, Structural Engineering, Facilities Planning, and Environmental. Job Relevant Criteria: Demonstrated ability to effectively supervise architectural/engineering personnel; ability to communicate effectively both orally and in writing; demonstrated ability to perform architectural or structural engineering duties.



Intramural League basketball season to end next week

Games scheduled next week will bring to a close the Ridgecrest Recreation Department's adult Intramural Basketball League at the Center gym.

Waning interest in this athletic program was evident last week when lack of sufficient players resulted in forfeits for both teams in Competitive Division games that were scheduled between the ILWU Gents and Rowdies, and between the Rowdies and Emhiser.

In Competitive Division contests that came off as planned, the NWC Varsity defeated the High Desert Home Center 53-44, HDHC downed the Simutech Turtles 86-68, and Emhiser outscored Loewen's 46-34.

On Wednesday evening of last week, the NWC Varsity poured 31 points through the hoop in the second half to draw away to a 53-44 win over the High Desert Home Center cagers. It was a close game at halftime, with the Navy team on top by a score of 22-20. Millard Bell was the high point man with 18 for the NWC Varsity, while Steve Felix led HDHC with 13.

The HDHC hoopsters came back the following night to trample the Simutech Turtles 86-68. In this high scoring tilt, HDHC led 45-28 at the half. Kevin Kopp of HDHC and Tom Chapman of the Turtles scored 24 points each.

Loewen's fell behind 21-16 in the first half of its game with Emhiser, and ended up on the short end of a 46-34 final tally. Scoring honors were divided between Drew Martin of Emhiser and Robert Cubit of Loewen's, each of whom had 12 points.

Action in the Recreation Division of the adult Intramural Basketball League resulted in a narrow win of 32-31 by the Eagles over the Chicken Hawks, a 54-46 victory by the Chicken Hawks over the Poochies, and a 48-40 win by the Poochies over the NWC Slowbreak team.

The Chicken Hawks fell behind 18-13 at the half in their game with the Eagles, and couldn't make up the deficit as they lost by a single point (32-31). Larry Cubit of the Chicken Hawks was the game's top scorer with 18, while Larry Haack pumped in 10 points for the Eagles.

Later in the week, Cubit once again was the high point man with 24 for the Chicken Hawks in their 54-46 win over the Poochies. Scott Smith contributed 14 points in a losing cause for the Poochies.

The Poochies broke into the win column at the expense of the NWC Slowbreak cagers, who came out on the short end of a 48-40 final tally in this Recreation Division contest. The Poochies led 29-18 at the half. High point man was Gary Clark of the Poochies with 10.

Signups scheduled for Little League baseball

Registration of boys and girls between 8 and 12 years of age who are interested in playing on Ridgecrest Little League baseball teams this season will be held tomorrow and again on Saturday, Feb. 20, between 10 a.m. and 2 p.m. at the Kerr-McGee field on South Downs Street in Ridgecrest.

Youngsters must be accompanied by a parent or guardian, and a birth certificate or other legal proof of age must be presented. Baptismal certificates are not acceptable for this purpose, league officials stated.

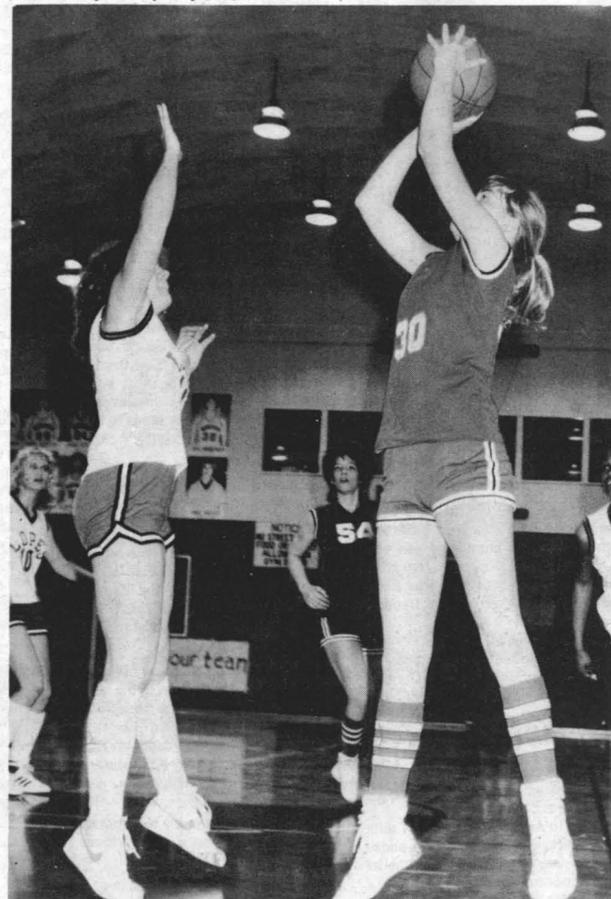
Tryouts that will determine whether players will be placed on teams in the Major, Minor or Farm Divisions of the Ridgecrest Little League will be held on Feb. 27, March 6 and 13.

BHS boys take over 1st place in Golden League

Three more Golden League foes bit the dust this past week as the Burroughs High School boys' varsity basketball moved into undisputed possession of first place and took dead aim on their fourth league championship in a row.

The Antelope Valley hoopsters, who had

been a half-game ahead in the league standings (despite an earlier loss here to Burroughs) because of having played and won more games, saw this mathematical edge eliminated last Saturday night in Lancaster, where the BHS varsity squad defeated the Lopes 58-47.



EYE ON BASKET — Leslie Krenzel (No. 30), who popped in two clutch field goals in overtime to win last Saturday night's game against Antelope Valley, takes aim at the basket before launching a shot during this bit of action in the Burroughs vs. AV girls' basketball game. The Burros girls were victorious by a final tally of 51-47.

—Photo by Don Cornelius

Burros girls lose to Falcons, drop to 2nd place

Burroughs High School's girls' varsity basketball team has the inside track on making it into the post season CIF playoffs, but not as the Golden League champions this year.

The Burroettes had an off night last Friday at Palmdale, where the Falcons (defeated earlier in the season 48-39 by the Burros) turned things around and hung a 58-44 loss on the BHS girls.

It wasn't all bad, however, last weekend for the Burros as they rebounded Saturday night on their home court by knocking off the previously undefeated Antelope Valley team in overtime by a final score of 51-47. In addition, the BHS girls rallied in the fourth quarter to post a 55-48 win over Hart High School in Newhall on Tuesday night.

The Burros girls played a steady, consistent game at Hart, where they led by 16-15 at the end of the first quarter, and by a score of 26-25 at the half.

Starting off the final period of play, Hart had a 2-point lead of 40-38, but 6 points by Shelly Gravelle and 4 by Marjorie DeGraw during the final 8 min. of action helped to clinch the win for the Burros.

Gravelle was the game's top scorer with 20, and she also picked off 7 rebounds. DeGraw tallied 15 points as she hit on 7 of 8 field goal attempts, and was the top rebounder for BHS with 9.

The Hart Indians were led by Jennifer O'Neal, a forward, who consistently leads her team in scoring. She tallied 14 against

the Burros.

A 4-point scoring effort by the BHS girls in the third quarter of the Palmdale game contributed to their downfall, as it enabled the Falcons to increase a halftime lead of 31-26 to a 15-point margin of 45-30 at the start on the final period of play.

The two teams battled on even terms during the last 8 min. of action, but the Falcons' lead was too much for the Burroettes to overcome.

TOP SCORER FOR FALCONS

Ida Somero, a guard for Palmdale, led her team on offense with 24 points, and Regina Juniel chipped in 17 more on five field goals and seven free throws for the Falcons.

Leading scorers for the Burroughs High girls were Shelley Gravelle and Patti Minnis, who had 14 and 10 points, respectively.

On Saturday night in the friendly confines of the Burroughs High gym, the BHS girls came out of their slump of the previous night to pin a defeat on the league leaders.

It took a fourth quarter rally by the Burros (who trailed 35-27 after three periods of play) to tie the score at 45-45 and force the game into overtime. The nip-and-tuck contest also was tied 21-21 at the half, after the visitors from Lancaster got off to a 12-10 first quarter lead.

During the hectic fourth period of play, the BHS girls outscored their opponents 18-10 making a 3-min. overtime necessary to

This followed Friday's home court victory over Palmdale by a score of 68-42, and set the stage for Tuesday night's game with Hart during which the Burros made up for a previous 51-50 loss to the Indians by defeating them 84-60.

The Indians from Hart High School in Newhall played it tough throughout the first half of the game with Burroughs, but the Ridgecrest team had too much offense for its opponents in the final two periods of play.

The Burros led by the skimpy margin of 1 point (16-15) at the end of the first quarter, and were on top 32-29 at the halftime intermission.

Following the mid-game break, however, the momentum began to build for the defending league champs from BHS and the Indians began to crumble.

Deron White, of Hart, who had led all scorers in the first half with 15 points, failed to tally in the third period for the Indians, but the big men for Burroughs — Dalton

League Champs Again

A 77-60 win last night over Quartz Hill clinched the fourth Golden League championship in a row for the Burroughs High boys' varsity basketball team.

Heyward and Scott Fulton — chalked up 7 points each to go with help from Dale Killilea, Danny Means, and Dave Wooten that produced a total of 25 points.

Starting off the final period of play with a 14-point margin of 57-43, the Burros proceeded to pour 27 more points through the hoop to win by a score of 84-60.

During the tough going in the early part of the game, Heyward paced the BHS offense with 8 points in the first quarter and 4 more in the second period. He ended up as the game's high point man with 23.

Other Burros who broke into the double-figure scoring column were Daniel Means (16), Dale Killilea (15), and Scott Fulton (14).

A fourth quarter blitz by the Burros settled any lingering doubts about the final outcome of the game with the Palmdale Falcons.

Despite their underdog status, the Falcons outscored the BHS varsity 16-14 in the first quarter, but then hit a slump as a combination of tough defense by the Burros and inability to score netted the visitors just 4 points in the second period of play.

The Burros left the floor at halftime with a 27-20 lead that they expanded to 42-31 by the

(Continued on Page 7)

decide the winner.

With a little less than 5 min. to play in regulation time, the AV girls owned a 9-point lead of 42-33, but field goals for Burroughs by Shelley Gravelle, Mary McDonough, and Patti Minnis, along with a pair of charity tosses by Charlene Kessler cut this to 43-41 with just 45 sec. left to play.

A drive for 2 points by AV's Paulette Buford was countered with a jump shot by Gravelle and it was back to a 2-point ball game with the Antelopes on top 45-43.

At the 10 sec. mark, however, the visitors bungled their effort to in-bound the ball under the BHS basket, and the Burros were able to take advantage of this miscue by getting the ball to Patti Minnis, who looped in a swisher that knotted the count at 45-45.

During the overtime period, Minnis led off with a field goal that was countered by Jordan of AV. After that, Leslie Krenzel came through with two clutch field goals for Burroughs to wrap up a 51-47 win for the BHS girls.

Gravelle led the Burroettes with 11 points and 14 rebounds, while DeGraw also tallied 11. In the team effort that it took to defeat the AV cagers, Charlene Kessler was 6 for 6 at the free throw line and turned in an outstanding game on defense, and Mary McDonough had 6 points and was credited with 5 scoring assists.

Top scorers for the AV team were Paulette Buford with 14 and Julie Jordan and Lori Anderson, who hit 10 points each.

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 dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian — It's bad enough that many Navy and civilian personnel living in housing have to give up their constitutional rights to have their houses searched — also people are having dinner between 5 and 8 p.m. So couldn't you at least change the hours of this search? I don't think anyone would like to have a strange dog in their house sniffing around at dinner time.

ANSWER

The time for health and welfare inspections of public quarters was carefully chosen so that the principal occupant of the house would be at home (i.e., after work). This was considered to be of paramount importance. This means, as you suggest, the inspection may occur during dinner time. It is strongly felt this is the most acceptable alternative. As a matter of fact, about one quarter of the inspections have occurred during dinner preparation or eating.

Of course the dog is kept away from all foods, and there has not been any problem so far. I must also comment that no one's constitutional rights are being infringed upon by these inspections. This is a misconception and is most unfortunate that it has been vocalized so thoroughly. The inspections of public quarters are legal or we wouldn't be doing them.

I must also comment that the most frequent remarks heard during the inspections held so far are that they are glad someone is finally doing something about the drug problem, and that they are happy to put up with minor inconveniences in order to contribute to combating drug abuse. I share this feeling and will continue to fight this blight on our Navy with all legal and reasonable means at my disposal.

QUESTION

Civilian — My question pertains to the fix-up and clean-up campaign presently being conducted by Public Works on the base. I would like to cite 3 examples of waste and mismanagement by Public Works. The first case occurred on North Dibbs and that's where they painted a fence on Saturday and tore it down on Sunday. Case 2 also occurred on North Dibbs, and in that case they painted a shed on Saturday and tore that down on Sunday. Third case, they painted a 2-car garage on Mitchner and approximately 1 week later they tore that down. I'd like to know why they paint the buildings before they tear them down? And I guess my question is rather obvious, who's in charge in Public Works of this campaign and where are their priorities?

ANSWER

At the onset of the project we did have a problem and it obviously did not go unnoticed. We had three crews, one deciding what to remove, one removing and one painting. Somehow the removal crew got behind the paint crew, thus causing a couple of fences to be painted and then removed. The garage was scheduled to be repaired and retained, but no one was using it. When the PW crew responded to repair the roof, the cost of repair was too great to warrant retention of the structure. Even though we did go on a few items, I hope you agree that this clean-up campaign improved the overall appearance of the housing area. By the way, I could use you in security; you are very observant.

QUESTION

Military Dependent — Could Public Works make another little road coming down South Knox for the pedestrians and the bicyclists so that there is not so much hazard coming down South Knox?

ANSWER

Bike lanes are now being designed for each side of Knox Road between the high school gate and Switzer Circle. This construction will be included in future paving contracts for the Center. Good point and thanks for asking.

Soldering Technology Seminar to begin Feb. 17

More than 250 government and industry experts in the field of soldering technology from around the world have already preregistered for the sixth annual Soldering Technology Seminar that will be held at NWC next Wednesday and Thursday, Feb. 17 and 18, at the Center theater.

Local personnel who would like to sit in on any of the sessions are welcome to do so without any preregistration. No speakers are scheduled at the luncheons, but there will be a banquet held on Wednesday evening for which advance reservations are necessary.

The banquet will be held at the Enlisted Mess, starting at 6:30 p.m., with the cost per person being \$10 for dinner and the program. Reservations must be made before Feb. 17 by calling NWC ext. 2720.

Wednesday morning, following a short welcome to the Center at 8:45, the first speaker will be Earl Lish of Martin Marietta, Orlando, Florida, who will discuss "Laser Attachment of Components to Printed Wiring Boards" starting at 9 a.m. He will be followed at 9:30 by Warren Abbott of Hollis Engineering, Nashua, New Hampshire, talking about the "The Stabilization and Lead Cut System."

Other speakers Wednesday morning and the time at which they will speak are, at 10:15, Doug Winther, Technical Devices, Culver City, Calif., "A New Solder

Machine;" at 10:45, Dr. Armin Rahn, Electrovert, Mt. Vernon, New York, "Automatic Controls of the Solder System;" and 11:15, Sam Mitchell and Warren Jensen of Boeing Aerospace, Seattle, Washington, "Oil Entrapment in the Wave Soldering Operation" and "Beryllium-Copper Connector Pins Analysis."

Following a lunch break, the afternoon program will resume at 1:30 with Murry Lamm, MICOM, Redstone Arsenal, Alabama, Ed Romanak, Bendix, Teterboro, New Jersey, and Joe Sylvester, Omni Training, Covina, California, talking about "Training and Certification."

The rest of the afternoon program includes, at 3:15, Dr. Wallace Rubin, Multicore Solders, Inc., England, "The Health Problems and Concerns While Working With Solder;" and Al Fitak, Litton Industries, Woodland Hills, California, "Analysis of Common Solder Problems."

During the no-host banquet at the Enlisted Mess, the guest speakers will be Harry Quong, Director, Quality and Reliability, NASA, Washington, D.C., and Clint Larson, Vice President of Honeywell, Minneapolis, Minnesota.

On Thursday, Feb. 18, the program begins at 8 a.m. with Stuart Tribble, Litton Systems, Grants Pass, Oregon, discussing "Lead Cutting Using Stable Wax Component Hold Downs;" and at 8:45, Denny



FIRST SALE — Ensuring that he'll be able to attend the Black Progress banquet, Capt. Lahr buys his tickets from Catherine Beckett, a member of the EEO Committee. The dinner will be held on Friday, Feb. 26, at the Enlisted Mess, starting at 7 p.m. Speaker for the evening will be Grant Williams, who was formerly Deputy EEO Officer for the Center. Tickets for this beef and ham dinner are \$7 each, and may be purchased from EEO Committee members or may be reserved by telephoning Nancy Hinman at NWC ext. 2348 or Catherine Beckett at ext. 2044. Tickets for a Soul Food lunch at the Enlisted Dining Facility at 11:30 on Wednesday, Feb. 24, may be purchased from EEO Committee members or by phoning the same numbers. These tickets are \$1.90 each. —Photo by Don Cornelius

Changes in law help speed up contracting, purchasing process

Changes that were signed into law as a part of the Department of Defense Authorization Act of 1982 significantly affect the contracting and purchasing process carried out at the Naval Weapons Center.

According to LCDr. M. E. Younker, SC, USN, head of the Contracts Division in the NWC Supply Department, the small purchase threshold was raised from \$10,000 to \$25,000.

The immediate effect of this change is that approximately 100 planned contracts can now be processed under small purchase procedures at NWC during Fiscal Year 1982. A savings of 30 or more days on each of these 100 contract actions is forecast by LCDr. Younker.

Also of importance here at NWC is the fact that where the requirement for a Request for Authority to Negotiate (RAN) previously was mandatory at \$100,000, the threshold is now \$5 million.

This change will eliminate a larger amount of time-consuming paperwork and reduce the lead times by three to eight months on actions that would have required a RAN.

Acquisition plan thresholds are still at \$2 million.

For additional information or answers to questions concerning changes in the contracting and purchasing process outlined above, interested persons are asked to call Jeff Meriam at NWC ext. 3801, or Supply Department contract specialists who can be contacted by calling NWC ext. 2986.

VX-5 Bluejacket . . .

(Continued from page 1)

before leaving VX-5. Her fiancé, who is stationed at NWC, is also attending school at Cerro Coso College, and both plan to continue their education after their marriage in April.

Painting is AMS3 Webber's other hobby. Her paintings of animals and birds have been exhibited at the University of Nevada and several other places, but have not been shown locally.

For being selected as Sailor of the Quarter, AMS3 Webber becomes eligible for the Bluejacket of the Year competition sponsored by the Indian Wells Valley Council of the Navy League. She will also have the use of a Hertz car for a weekend plus a \$25 check for gasoline furnished by the Ridgecrest Chamber of Commerce, and will receive a \$25 gift certificate from a Chamber of Commerce member. In addition, she will get dinner for two from a local restaurant.



The two-day conference will close with a summary and conclusions based on the information that was presented. This will be given by Jim Raby, head of the Center's Soldering Technology Branch and chairman of the seminar.

Eligibility of some workers for rehire by gov't is extended

Federal employees, including Department of the Navy civilians, who leave their jobs to accompany military or federal civilian employee spouses on overseas assignments, now stand a better chance of being rehired for a federal job after their return to the United States.

"Career-conditional" employees can extend their reinstatement eligibility for federal employment by the amount of time spent overseas with a spouse on official assignment.

Formerly such employees had only three years after leaving their jobs to be reinstated. With many overseas tours of duty lasting longer than three years, these people had the choice of being separated geographically from their spouse to continue federal careers or losing reinstatement eligibility.

According to Donald J. Devine, Director of the U.S. Office of Personnel Management, a number of improvements in federal employment policies affecting spouses of U.S. civilian and military employees are planned.

Savings reported for Commissary Store patrons

Navy Commissary Store customers saved 20.8 percent of retail food costs and spent over \$663 million in Fiscal Year 1981, according to figures released in January 1982 by the Navy Resale and Services Support Office.

The savings are based on supermarket price comparisons showing that retail prices for items purchased last year would have totalled \$837 million, or \$174 million more than the amount that Commissary shoppers paid.

TD Award presented for work on Laser Maverick seeker . . .

(Continued from Page 1)

equipment required for the tests. Special test equipment and complex test setups were needed in order to subject the seeker to the test conditions that would simulate the flight conditions during which the missile failures occurred.

Schorr was responsible for collection of the test data. This was a key element in the successful conduct of the testing and required unique, innovative instrumentation configurations.

Koch, a Center employee for the past 24 years, came here as a Co-op student from the University of California at Berkeley, where he received a BS degree in mechanical engineering. During the time he was a Co-op student, and for a year after that, he was involved as an Engineering Department employee in the investigation of how ordnance could be detonated accidentally by radar or radio transmission.

When he left the Engineering Department in 1962 it was to join old Code 40 for work on the contact fuze and telemetry for the Sidewinder 1-C, and he has been a member of basically the same work group ever since — although it has gone through a number of name and code number changes.

In early 1966, Koch became involved in the



SCOUTING MISSION — Yes, that was indeed a Blue Angel that came zipping through local skies recently and landed at the Center. Purpose of the flight was to check out conditions at NWC in preparation for an exhibition by the Navy's precision flight demonstration team here on Sunday, June 27.

Next cost-of-living adjustment for annuitants due March 1

The Office of Personnel Management has announced that cost-of-living (COL) adjustments for annuitants have been permanently changed to once a year.

The last COL increase was in March of 1981. The next increase, which is to be 8.7 percent, will be effective on March 1, 1982. The amount of this increase is based on the percentage change in the Consumer Price Index (CPI) between December of 1980 and December of 1981.

The provision of prorating a retiree's initial COL increase will continue. However, in order to reflect the change from semi-annual to annual adjustments, retirees will

receive one-twelfth, rather than one-sixth, of the applicable COL increase for each month (or portion of a month) the employee was on the retirement rolls prior to the effective date of the COL increase.

For example, employees who retired in March of 1981 will receive the full amount of the March 1982 COL increase. Employees who retired in September of 1981 will receive one-half of the March 1982 COL increase. Employees retiring in February 1982 will receive 1/12 of the March increase.

Answers to questions on COL adjustments for annuitants can be obtained by calling Nancy Cleland at NWC ext. 2018 or 2592.

analysis and simulation of laser guidance systems and prepared the initial system requirements for the Laser Spot Tracker that later became a part of the avionics equipment of the A-4 Skyhawk aircraft. As a project engineer, he followed this device through its engineering development phase and, during 1969-70, was involved in the testing of the Laser Spot Tracker.

Still later he was a project engineer during the initial engineering development of the Angle Rate Bombing System (ARBS) and graduated to an assignment as project engineer on the ARBS dual mode tracker when it went into fullscale development.

Koch also was involved in the Pave Prism program — a series of tests to measure several infrared and laser seekers against the same targets and backgrounds at the same time — and he is now a system engineer on the Skipper, a rocket motor-powered version of the laser guided bomb.

Gould is an electronics engineer with a BS degree from the University of Washington who came here in 1973. He joined the Laser Guidance Branch (now Code 3942) and has been with that group for nearly nine years.

Gould worked initially on a laser acquisition device that was mounted in an

aircraft pilot's helmet and used for the detection of laser-illuminated targets, and also was involved in the product improvement program for the Mark 83 laser guided bomb.

Field tests of an active laser seeker were carried out here by Gould. This work was part of an Air Force contract to the Xerox Corp. In addition, he gained additional experience during the past three years through his involvement in work on the feasibility model of a surface-to-air area defense dual-mode seeker equipped with both an active and a passive laser seeker.

In addition to developing a solution that eliminated the seeker problem with the Laser Maverick missile design, Gould has been working lately on a laser fire control system for use on helicopters.

Bell, an electronics technician, is a 1964 graduate of the Navy Apprentice Training Program here. He was assigned initially to the original Sidewinder Branch in the former Weapons Development Department.

After a year, however, he joined a group of employees working on the evaluation of a laser guided seeker that became the prototype for the seeker that evolved into the Laser Spot Tracker used by the Marines in the A-4 aircraft.

Schorr, also an electronics technician, attended college courses at Cerro Coso and received other instruction in this field while employed for four years as an electrician by a contractor at NWC before joining the Civil Service work force here in 1966.

He was assigned to the Range Department and became involved in setting up the instrumentation for a variety of tests conducted at Baker Range.

Four years later, in search of work that would broaden his experience, he joined the Walleye Group in old Code 40. Other moves followed, such as the one to the Surface Missiles Department where he worked on a number of small projects that enabled him to increase his proficiency in the design of circuits and installation of field test instrumentation.

Six years ago, Schorr transferred to the Laser Guidance Branch in the Weapons Department, and has remained there ever since. In addition to more recent work associated with the quick fix for the Laser Maverick missile design, his skills have been utilized on Pave Prism, the Active Laser Seeker project, Skipper, and he also did a lot of work for the Army and Marines on a Laser Spot Instrumentation System.

Police reports . . .

Interference with electric power transmission lines was reported last Friday morning to China Lake police, after it was discovered that there was damage to three insulators on the power line adjacent to the Randsburg Wash Road.

Bullets from .22 calibre rifles caused the damage, which will cost an estimated \$1,200 to repair.

TOOL BOX STOLEN

The theft of tools and a tool box from a government vehicle parked in the Public Works Department's vehicle salvage compound was reported last Tuesday to China Lake police.

One tool box that had been bolted to the bed of a pickup truck, and its contents, together with the contents of a second tool box, were stolen by someone who climbed into the locked, fenced compound.

Value of the missing government property is estimated at \$200.

PICNIC TABLE RECOVERED

A government-owned picnic table that had disappeared a week earlier from the cul de sac area adjacent to 1024 Nimitz Ave. was recovered last Friday by China Lake police.

At the time the picnic table was taken, police were given the license number of a vehicle allegedly involved in the theft. Location of the vehicle through its license plate number led police to another residence, where tenants were using the picnic table as a dining room table until their own furniture arrived.

CAR WINDOW BROKEN

A broken window on the driver's side and a dent in the door was discovered on Thursday afternoon by the owner of a car left parked outside the Groves Elementary School. Estimated cost of the damage that was caused by throwing a large object at the car was estimated at \$150.

Bell's job, he recalled, was to provide the lasers and laser instrumentation, and also to carry out field tests during evaluation of the laser seeker.

He has been operating lasers since the mid-1960s, Bell said, and has been involved in a number of different programs. Among these were the original evaluation of the laser guided bomb seeker, a development program for the laser-guided Bullpup missile, and the production of small prototype lasers for target designation purpose.

Since joining the Range Department approximately four years ago, Bell's principal work has been with a laser instrumentation van that provides the laser and instrumentation for laser-related testing conducted on the NWC range area.

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Formation of Community Council announced at meeting of tenants

A number of matters of interest to residents of Center housing and non-residents alike were discussed at a regular meeting for China Lake residents held Monday evening at the Community Center.

These included, for everyone, certain police procedures and policies, and for residents, the formation of a new Community Council.

Bart Immings, China Lake Police Chief, attended to answer questions that had been raised at a previous meeting. Chief Immings emphasized that the best way in the world to fight crime is for all citizens to get involved.

He said that often people were hesitant to call the police to report suspicious circumstances or individuals, but that such tips from alert citizens were very helpful in law enforcement. He also said that if anyone wished to make such a report, it could be made to him by calling NWC ext. 2709, or, in his absence, John Pracchia can be called at NWC ext. 2593. Calls on these two numbers, he added, are not recorded.

Official complaints, however, Chief Immings said, should be made to the Police Dispatcher by phoning NWC ext. 3323.

Traffic violators are now issued citations to appear in a local court. If the citation is issued in Kern County, the violator will appear in Ridgecrest. If issued in the areas of NWC that are in Inyo County, they will go to Lone Pine, and citations issued in San Bernardino County will be adjudicated in Trona.

Tickets, said Chief Immings, can also bring an assessment of points against the Center driver if he or she is found guilty, and a total of 12 points assessed in any one year will result in the revocation of driving privileges on the Naval Weapons Center.

He noted that this is not double jeopardy because driving on a military establishment is a privilege and not a right, and therefore is subject to administrative action as well as judicial action.

Bike riders are also subject to getting tickets, Chief Immings said in response to a question, especially if they do not come to a stop at a stop sign.

Citizens can also swear out a complaint against any vehicle driver who violates traffic laws. They do need to come to the Police Station to fill out the complaint and must be ready to testify in court as to what they saw. Chief Immings warned citizens who are concerned with making a complaint about a speeder that if they chase the speeder to clock his speed, they themselves will also be in violation of the law.

Of more specific interest to Center residents is the formation of a new China Lake Community Council. Council members at this time have been appointed from volunteers until the group has been thoroughly established. In the future, members will be selected by an election process. A new set of bylaws are also being studied before adoption.

President of the council is Barbara Manning, who can be called at NWC ext. 2864 or 2815. The other officers are Bryant Lampton, vice president; Nancy Brant, secretary; and Carol Schwartz, treasurer.

Bill Hatfield, head of the Housing Division, suggested that all residents in Center housing carry a renter's insurance policy for their own protection.

He also reminded residents that if they have house guests who plan to stay more than 72 hours, the sponsor needs to come to the Housing Office in Bldg. 35 to fill out a form indicating such a visit. A temporary community pass can then be arranged.

The enforcement of leash laws, or, rather, their non-enforcement, led to a rash of queries from residents present at Monday night's meeting.

There is a limit of two animals per household, Hatfield noted; these can be two dogs or two cats. (He added, wistfully, that if both animals were of the same sex, it sure simplified the control of the number of animals on board.)

A hundred pecan trees have already arrived with the spring garden shipment for the self-help program. By March, fertilizer, shrubs and grass seed, as well as an assortment of garden tools, will be available to tenants who want to spruce up their yard. The garden supplies will be in the old steam hut between PSD and the Rocketeer office. Further announcements will be made about hours and what's available later.

The next meeting for tenants will take place on Monday, March 8, at 7 p.m. at the Community Center.

Energy conservation tip

Try to use energy-intensive appliances such as dishwashers, laundry equipment, and electric ovens during early morning or later evening, which are off-peak times. To meet demand during peak hours, an electric company often must use less efficient back-up equipment. If more people scheduled household chores during off-peak hours, the utility company's daily fuel use would be reduced, and the nation's energy would be conserved.



FIRMLY COMMITTED — Gerry Schiefer, inspirational speaker at the Prayer Breakfast, reminded those in attendance of this nation's religious heritage, and the need for a firm commitment on the part of Americans today to the love of God, family and country. — Photo by Don Cornelius

Prayer Breakfast draws throng of 190 persons

A near-capacity crowd of 190 persons filled the dining room of the Chief Petty Officers' Club to join in NWC's annual observance of the National Prayer Breakfast held on Feb. 4.

The early risers were able to start the day off right with inspiring food for thought, as well as a nourishing meal served by the CPO Club kitchen crew.

The program was opened by Cal Falgatter, a member of the All Faith Chapel's Protestant Congregation, who served as master of ceremonies. In addition to thanking those who helped with preparations for this event, the emcee read a message from Caspar Weinberger, Secretary of Defense.

"The National Prayer Breakfast here in America is a significant testimony to the peoples of the world," the SecDef wrote. "It is more than historically significant, although the noble past still influences life today in the U.S.," Weinberger continued. He noted that "we are a single family with a common Father. We seek freedom from tyranny, but this requires Divine guidance."

Gerry Schiefer, principal speaker at the Prayer Breakfast, reminded those within the sound of his voice of this nation's expected future

cost of energy dims present good picture

The energy cost and usage news for the first quarter of fiscal year 1982 for the Center is good, but cost factors for the future are highly unpromising.

The total consumption of energy — that is, for both the industrial complex and housing — for the first quarter of fiscal year 1982 shows a drop in consumption from 430,902 million British thermal units (MBTU) in the same period in fiscal year 1981 to 411,314 MBTUs.

This 4.5 percent reduction can be attributed to two things: both the cooperative efforts of NWC employees and a milder-than-usual winter. Only 0.1 percent reduction occurred in the housing area, so the majority of the conservation was achieved in the industrial sector.

The cost of both industrial and housing energy usage in the first quarter of FY 82 was \$1,920,218; in the same period last year, the cost was \$2,076,462, a drop in cost of nearly 7.5 percent.

Unfortunately, such drops in cost probably will not recur because of expected increases of 25 percent in electrical rates, 18.5 percent in the cost of natural gas, and No. 6 fuel oil, and a 7 percent increase in the cost of propane during this fiscal year.

religious heritage, and the intent of those who framed America's earliest governing documents that their knowledge and conviction regarding a Supreme Being be passed on to future generations, who would have the freedom to exercise that freedom as they desired.

Schiefer, who heads the NWC T&E Directorate, addressed his audience as members of a "brotherhood and sisterhood of those who have gained enough knowledge to understand our relationship with a Supreme Being; to know that in our anguish and despair we can call upon Him for strength and direction; and to know that in our joy and gratitude we can communicate to Him our love and thanksgiving."

He referred to America as a land of milk and honey favored by God. He then added that recent events have confirmed his belief that "as a God-fearing people, we have a sacred obligation to do all within our power to keep this land free."

Schiefer told of being in Berlin, Germany, just before last Christmas, and overlooking the wall that separates East and West Germany as he gazed in the direction of Poland. A great chill passed through his body, the speaker said, at the thought of the oppression represented by that wall, and the consequences of what might transpire if Russia decided to take over the "island" that is the City of Berlin.

Looking to past history as a lesson for the future, Schiefer continued by pointing out that the average age of the world's great civilizations has been 200 years. These nations, he said, passed through the following sequence:

From bondage to spiritual faith; from spiritual faith to great courage; from courage to liberty; from liberty to abundance; from abundance to selfishness; from selfishness to complacency; from complacency to apathy; from apathy to dependence; and from dependence back again to bondage.

Other reasons prominent historians have cited for the decline of great nations and civilizations were also covered by Schiefer, who listed such things as the undermining of the dignity and sanctity of the home; higher and higher taxes that are brought on by welfare programs; a mad craze for pleasure; the building of great armaments when the real enemy was within (the decay of individual responsibility); and the decay of real religion — exercising faith in form only.

"It isn't necessary that our country must go through such a decline," the Prayer Breakfast speaker emphasized, "and the fact that there are so many here today for this Prayer Breakfast confirms this. We could be a nucleus, a righteous nucleus, dedicated with others to halting this trend."

MIKE'S LABS by BILL ERWIN

