

Free pops concert slated on lanai at COM Saturday night

Music buffs and those who are just seeking a pleasant and relaxing evening out under the stars are looking forward to the pops concert that will be held tomorrow evening at 7 on the lanai of the Commissioned Officer's Mess.

The Cerro Coso Community College/Desert Community Orchestra will open its concert season with this free concert to which everyone in the community is invited.

A highlight of the evening's program will be soloist Janice Anderson, who will sing "As Long As He Needs Me," in an arrangement originally written for Judy Garland.

Other musical fare on the program includes: "Overture of Morning, Noon and Night in Vienna," by Suppe; "Ballet Egyptian Suite," by Luigini; "Russian Sailor's Dance," by Gliere; and "Fanfare for the Common Man," by Copland (highlighting brass and percussion).

"Hunt Symphony in F" by Leopold Mozart features a horn quartet and strings as the program continues, along with "Estudiantina Waltzes" by Waldteufel. Leroy Anderson's "Syncopated Clock," "Blue Tango," and "Typewriter," and selections from "My Fair Lady" by Loewe will conclude the concert.

Walter Unterburg will conduct, assisted by Bob Seeley ("Blue Tango" and "As Long As He Needs Me") and Deanna Rolph ("My Fair Lady").

A "pay by item" buffet will be available on the lanai starting at 5 p.m. for those who'd like to refresh themselves before the concert.



EARNEST PRACTICE — Maria Weston and Patrick Audinet concentrate on getting ready for their part in playing the "Hunt Symphony in F" by Leopold Mozart at the pops concert scheduled tomorrow evening by the Cerro Coso Community College/Desert Symphony Orchestra. This work features a French horn quartet and strings. —Photo by Don Cornelius

Preparations for annual Desert Empire Fair nearing final stage

Preparations are in full swing for the 31st annual Desert Empire Fair, which is to be held Sept. 30 through Oct. 4 at the fairgrounds in Ridgecrest.

Individuals wishing to enter good examples of their culinary skill, sewing ability, arts and crafts work, or compete for trophies and ribbons in other divisions of the fair, have until next Friday, Sept. 18, to fill out and return completed entry forms to: Competitions, P.O. Box 1176, Ridgecrest. Entry forms also can be delivered in person to the DEF office on the fairgrounds, located on South Richmond Road.

Booklets containing information on the Desert Empire Fair premium list can be obtained at various business places in Ridgecrest, as well as at the DEF office.

Also ongoing at the present time is the sale of discount tickets for carnival rides at the midway. The ticket books, priced at \$5 for 30 tickets, offer a savings of 50 percent when compared to the cost of carnival ride tickets that will be sold from booths at the fairgrounds once the fair gets underway at 5 p.m. on Sept. 30.

According to Tony Martin, secretary-manager of the fair, members of local non-profit clubs and organizations have the opportunity to sell books of discount tickets and, in return for this service, will receive 5 percent of the cash volume of their ticket sales.

Eligible organizations not already involved in this fund-raising activity can make arrangements to help both themselves and the Desert Empire Fair by contacting Martin at the DEF office by calling 375-8000.

Advance sale ticket books may be purchased from the fair office, Ridgecrest Chamber of Commerce, or from a number of local non-profit clubs and organizations. Carnival rides brought here for the fifth year in a row by Butler Amusements of San Jose, Calif., will be featured on the midway at the Desert Empire Fair, along with a wide variety of booths offering food and refreshments that will be operated by local clubs and organizations.

Space for exhibitors is completely sold out in Joshua Hall, but a few outdoor exhibit spaces are still available. Activities ranging from whiskerino, western dress, pie eating and watermelon eating contests, square dancing, and pet contests to a diaper derby are planned each evening that the fair is in progress.

In addition there will be presentations by professional performers such as Moore's Mess of Motts; Chester Cable, world's best foot juggler; Wini McKay, aerialist; John Regis, comedian and master of ceremonies; George Goulding, who plays the electric organ; and the original harmonica band, on Saturday and Sunday, Oct. 3 and 4.

Any local residents wishing to perform at the Desert Empire Fair this year should contact the DEF office by calling 375-8000.

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, MONDAY SEPT. 11, 14
"THE DEVIL AND MAX DEVLIN"
Starring
Elliott Gould and Bill Cosby
(Comedy, rated PG, 95 min.)

SATURDAY SEPT. 12
"HIDE IN PLAIN SIGHT"
Starring
James Cagney and Jill Eikenberry
(Drama, rated PG, 92 min.)

SUNDAY SEPT. 13
"RAGING BULL"
Starring
Robert De Niro and Joe Pesci
(Drama, rated R, 129 min.)

WEDNESDAY SEPT. 16
"THE PRIZE FIGHTER"
Starring
Tim Conway and Don Knotts
(Comedy, rated PG, 99 min.)

FRIDAY SEPT. 18
"JAWS II"
Starring
Roy Scheider and Lorraine Gary
(Drama, rated PG, 116 min.)

Opening of Navy Exchange Toyland set next Wednesday

Wise shoppers will take prompt advantage of the fully stocked shelves in the Navy Exchange's Toyland, which opens next Wednesday, Sept. 16, at 10 a.m. in the building adjacent to the NEX service station.

Santa Claus will make his first appearance of the season on Saturday, Sept. 19, when free candy and balloons will be given to children who come to see Santa or to get their picture taken with him.

In conjunction with the opening of Toyland, a 20-in. bicycle will be given away to a lucky shopper. Registration will begin on Sept. 16 in the main store, with the bike to be given away on Sept. 26. The winner must be over 18 years of age, but need not be present on Sept. 26.

Patio sale underway at Navy Exchange Minimax

A patio sale with 50 percent off on all items in the patio area of the Minimax is underway at the Navy Exchange retail store and will continue through next Thursday, Sept. 17.

Sale items include fruit trees, assorted bushes and shrubs, rose bushes and plant food, as well as other items.

In conjunction with this outdoor sale, men's, women's and children's clothing can be found in the front aisle of the main store also at significant savings.

Museum sponsors tour to petroglyphs Sunday

The Maturango Museum will sponsor a tour of the petroglyphs this Sunday starting at 8 a.m. at the museum.

Those interested in joining this outing can sign up by calling the museum at 446-6900 as soon as possible.

A fee of \$2 per person will be charged for non-members.

Since this is an all-day trip, participants must bring their own lunch and water, good walking shoes and a full tank of gas.

U.S. Government Printing Office: 1981 - No. 42

From: _____

PLACE
STAMP
HERE

To: _____

Bluejacket of Month honor goes to Wilson

Aviation Maintenance Administration First Class Craig G. Wilson has been selected as Naval Weapons Center Bluejacket of the Month for August.

Petty Officer Wilson is assigned to duty in the Quality Assurance/Analysis work center at Armitage Airfield as the maintenance management data analyst. For the past year he has been writing specifications for computer programs for reports — most specifically, for what is believed to be the first usable computer-produced aviation monthly maintenance management report in the Navy.

"People all over the Navy have to put out this report monthly," AZ1 Wilson says, "and the big computer can do it so much more easily and more quickly than it can be done with a hand-held computer that I thought it would be appropriate to get a program written." If this program does prove as valuable as it appears to be, quite possibly other Navy personnel will also benefit from AZ1 Wilson's planning.

Petty Officer Wilson's accuracy rate even without the computer to assist has been outstanding. He has maintained an activity maintenance management documentation



AZ1 Craig G. Wilson

error rate of between 0.1 and 0.9 percent since January of this year, while OP-NAVINST 4790.2B considers an acceptable error rate limit to be 5 percent.

The past year and a half of his 17 years in the Navy has been spent at China Lake. AZ1 Wilson says that he can't really list a home town because during all the years that he was growing up, his father was in the Air Force, and the family moved at regular intervals.

These moves included a couple of stays in Alaska as well as time spent in Montana and Idaho, all ideal places for Petty Officer

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Thunderstorm Sunday night is followed by heavy rains Tues.

Last Sunday night a furious thunderstorm whistled and rumbled its way across the Indian Wells Valley, leaving parts of the area sodden and windblown, while other parts got minimal amounts of moisture.

The rain gauge of Armitage Airfield recorded .37 of an inch of rain before a power surge cut off the electricity and the gauge quit recording. Unofficial reports from private individuals who own gauges in the local area indicate that in some regions as much as .75 inch of rain fell. Hail was also reported at some locations.

Storm damage on the Center took the form of power outages, including the air conditioning system going out in the computer wing of Michelson Laboratory. As is usual, a few roofs leaked, but no major water damage occurred.

The work that Center residents were saved in not having to water lawns and shrubs was probably matched by the additional effort that they needed to make to pick up branches blown off trees by the force of the winds.

Before the soil had a chance to dry out another storm made its way through the Indian Wells Valley on Tuesday afternoon. This one, again, hit parts of the valley considerably more heavily than others, with only a modest .08 inch of rain reported at Armitage Airfield's rain gauge, but a solid .5 inch dropping into the southern parts of town.

Since only the official gauge counts in measuring the area's rainfall, the total for the year so far is 3.34 inches, well above the long-term annual norm of 2.89 inches of rain.

John Gibson, forecaster for the Naval Oceanography Command Detachment locally, however, says that for the past ten years the area has been averaging over 4 inches, so there may be additional precipitation before the year is out — but probably not this week.



GROUNDBREAKING CEREMONY — Clearing the way for the start of construction on the Weapons System Support Facility (WSSF), a groundbreaking ceremony was held last week at the construction site on the east side of Hangar 3 at Armitage Airfield. Because of the asphalt paving, jackhammers were more appropriate than shovels for this ground breaking ceremony. The participants are (l.-r.) Hans Roebbelen, Capt. Jude Lehr, Capt. R. E. Quinn, Jr., Capt. J. L. Horacek, B. W. Hays, Leroy Marquardt, Bill Sorbo, and Lt. Cdr. Sam Saltoun. Roebbelen is the contractor whose firm will build this \$4,729,000 structure; Capt. Lehr is the NWC Commander; Capt. Quinn is Commanding Officer of the Western Division, Naval Facilities Engineering

Command; Capt. Horacek is the NWC Public Works Officer; Hays is the NWC Laboratory Director; Marquardt is acting head of the Aircraft Weapons Integration Department, principal user of the new building; and Sorbo and Lt. Cdr. Saltoun are heads of the Public Works Department's Engineering and Construction Divisions, respectively. The job will take a year to complete and Navy occupancy will follow shortly thereafter. The WSSF will enable the Aircraft Weapons Integration Department to consolidate its Weapons System Support Activities and Software Support Activities for the A-4M, A-6E, A-7E, AV-8B, and F/A-18 aircraft. This engineering support will be provided during the life cycle of these tactical Fleet aircraft.

Move toward automation

Progress made in soldering technology field

Steady progress is being made by employees of the Soldering Technology Branch in the NWC Engineering Department's Product Assurance Division on work that will further improve upon automatic assembly, solder, test, inspection, and cleaning, and will lend itself to totally automated production of printed circuit assemblies.

According to Jim Raby, who heads the Soldering Technology Branch (Code 3681), he and his co-workers are involved in four manufacturing technology programs that come under the heading of advanced electronic manufacturing technology.

New ideas and techniques for improving upon the way this work is currently being done are evolving in order to be prepared for full-scale automated production five or six years from now.

ERRORS CREEP IN

At the present time, there is worker fatigue and worker error due to complacency in most steps of soldering technology assembly operations," Raby noted. "Going to automation will eliminate operator fatigue and error and permit us to have disciplined process controls," Raby explained.

In looking at the advanced manufacturing methods and technology required for the future, it is necessary to consider some of the developments that are coming along downstream in the electronics components manufacturing industry, Raby said.

One such development is leadless components that will replace the current method of drilling holes in printed wire circuit boards in order for connections to be made.

Another innovation is the use of solder mask that will restrict the solder on fine-line spacing of circuitry and permit engineers and technicians to select locations for soldering, while maintaining a dielectric (non-conducting) barrier between circuitry. In addition, Raby said, there is a need for

improved conformal coating — a material that conforms to the contours of the components on printed circuit boards. This coating serves the twofold purpose of maintaining a moisture-proof barrier that protects the board and at the same time toughens it so that vibrations will not damage the components.

Using in-house expertise and facilities work is well underway in the areas of leadless components, solder mask, and conformal coating. Karen Hays (summer student metallurgist) and Bill Vuono (chemist) are working on leadless components, while Donna Sanger and Kath Johnson are the project chemists involved in the new technology related to conformal coating and solder mask.

RABY DIRECTS EFFORT

Raby himself is directing effort on the printed circuit assembly automated production line, which is dependent upon achieving the desired improvements in the areas mentioned above, and also making use of proposals and plans that are being submitted by government contractors involved in the manufacture of electronic components.

As now visualized (when all of the bugs have been worked out), the fully-developed automated production line would enable parts and printed circuit boards to be taken from storage when needed by activating a microprocessor-controlled assembly line that utilizes visionary and sensory robotics.

Pre-programmed assembly line equipment would perform the various required

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Weekend Roundup

The fall season in the Indian Wells Valley is fast approaching, and with it the start of school and, of course, Burros football.

Tonight the Burroughs High School varsity football team will face the Barstow Aztecs in Barstow for the season opener. Kick-off time is 7:30.

The Associated Students of Cerro Coso (ASCC) are sponsoring an "Ice-Breaker" dance tonight to kick-off the fall 1981 semester.

The dance is scheduled from 8 p.m. to midnight in the Cerro Coso Student Center. There will be a full light show as well as a disc-jockey to play all the latest hits in rock and disco. Snacks and beverages will be provided.

Admission price is \$2.50 for the general public and \$1.50 for ASCC card-holders.

The Exchange Club of Ridgecrest will be holding its third annual men's social at the Elks Club, 201 E. Church St., Ridgecrest, tomorrow night starting at 5 o'clock.

There will be entertainment, games, a man-sized dinner consisting of steak and chicken served by the men of the Elks, and no host cocktails served by pretty waitresses.

The price of the ticket (\$20 donation to the Exchange Club charities) includes a chance at a door prize of eight days, seven nights round trip for two to LaPaz; the winner does not have to be present.

Game winners will win gift certificates from their favorite local merchant.

Tickets may be purchased at Clancey's Claim Co., the Hideaway, Ridgecrest Bowl or from any Exchange Club member.

For additional information on the social, contact M. L. Sarad, chairman by calling 375-9300.

The Cerro Coso Community College/Desert Community Orchestra will kick off the concert season with a pops concert at the Commissioned Officers' Mess tomorrow at 7 p.m.

A "pay by item" buffet will be available on the COM patio beginning at 5 o'clock prior to the concert, which is free and open to everyone.

The Jim Dandies Square Dance Club wish to invite all square dancers to their regular dance on Saturday from 8 to 11 p.m. at the Senior Citizens Center, 120 So. Warner St., Ridgecrest. Jim Brown will do the calling and Bob and Marlys Etherington cue the round dances.

"Sunlight," a contemporary rock-music group from the Los Angeles area, will perform for the listening and dancing pleasure of members and guests of the Chief Petty Officers' Club tonight and tomorrow night from 8:30 to 12:30 a.m.

This evening the CPO Club chef will prepare a choice of Icelandic cod or prime ribs of beef. Tomorrow night, in conjunction with the old timers' golf tournament, the CPO Club will offer either fillet of tenderloin or a lobster seafood special.

Dinner on both evenings will be served from 6 to 9 o'clock.

The first annual all-Arabian horse show will be presented, free of charge, this Sunday at the Desert Fairgrounds starting at 8 a.m.

So far there are 80 horses entered in the show from various locations throughout California.

The NAACP will sell fried chicken dinners to those attending the horse show starting at 11 a.m.



WARM WELCOME — Madelyn Dienhart (center), who is president of the Women's Auxiliary of the Commissioned Officers' Mess, welcomes new WACOM members at the membership coffee held on Tuesday morning. Being greeted are (l. to r.) Jayne Guinet, Kathy Carnot, Linda Long and Alice Taylor. Others who are interested in joining WACOM will be do so by attending the first meeting and joining at that time. —Photo by PH2 Benita Tetreault

26 involved in program to help train potential program mgrs.

A curriculum leading to a certificate in Systems Acquisition Program Management has been underway at the Naval Weapons Center for the past three years.

The program was developed specifically to help train potential program managers for NWC, and to provide other program personnel with an understanding of management problems and tools as well as an appreciation of procedures and practices that the program manager or other authority may impose.

The Technical Planning Board has selected 26 new students to enter the program this fall. Center employees, other than those selected by the TPB, may apply for enrollment in the courses, and will be accepted on a space-available basis. Another new class will be selected to take part in this program in May or June of next year.

The courses leading to a special certificate in System Acquisition Program Management are drawn from a variety of sources, and are taught by NWC personnel, faculty members from the Naval Postgraduate School, and by contractors with skills in the area of interest. Courses especially designed by NWC

personnel that will be offered during Fiscal Year 1982 include: Integrated Logistics Support; Operational Software, Data Management and Documentation, Cost Analysis; Systems Analysis, Reliability, Maintainability and Quality Assurance, and Managerial Accounting.

The students selected to begin their course work this fall are Joe Law, from the Aircraft Weapons Integration Department; Sandra Schwarzbach, Norman Fasig, E. Terry Mangrum, Clifford Johnson and Dennis Sorges from the Ordnance Systems Department; John Morrow, Herbert Putterbaugh, Dorothy Saitz, C. A. Mersals, and Hillburn Berry from the Fuze and Sensors Division.

The Electronic Warfare Department employees selected are Allen Jones, Raymond Caruso, and John Keen. Jim Irvine, Chris Peterson, and Leo Barglowski represent the Engineering Department; Jerry Shultz, Alex Shianta, Frank Fulton, and Milt Ravsten, the Weapons Department; Larry Harlan, Nancy Zimmerman, Donald Brown and Larry Rollingson, the Range Department; and Arthur Karrer, the Parachute Systems Department.

Seminar on Software Engineering Standards Computing Technology scheduled on Monday

A seminar on the subject of Software Engineering Standards Computing Technology will be held on Monday, starting at 1 p.m. in the Michelson Laboratory auditorium (Room 1000-D).

Guest speakers will be Robert Poston, chairman of the Institute of Electrical and Electronic Engineers' Subcommittee on Software Engineering Standards, and Dr. Douglas Olson, manager of the Software Development Laboratory for Electronic Associates, Inc., in West Long Branch, N.J. Poston will discuss IEEE standards in software management, while Dr. Olson will talk about selecting and implementing software standards. Both men presented

this same information at the UNIVAC Users' Spring Conference held in New York City, where their talks were well-received.

Arrangements can be made for small groups of employees to meet with Dr. Olson on Tuesday by calling either Lee Lucas at NWC ext. 3597 or Richard Wolff at NWC ext. 3169.



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. 096-24-81-1, Police Officer, GS-083-2/3/4, Code 2413 — The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) police officer positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Registers, and individuals not on registers who have skills necessary to qualify for this position. The position is located in the Patrol Branch of the Police Division, Safety and Security Department. Incumbent performs basic law enforcement duties under the direction of a field training officer or a police supervisor. Routine cases, traffic control, traffic citations and investigation of NWC administrative violations may be handled independently. The incumbent must be available to work any of three shifts. Applicants will be required to take a written test for the GS-2 level. In addition to a SF-171, a Supplemental Qualifications Statement for police officer must also be submitted and attached to the SF-171. These forms can be picked up from the receptionist at the Personnel Building.

Announcement No. 25-859, Clerk-Typist, GS-322-3/3, Procurement Clerk, GS-1104-4/5, Procurement Clerk, GS-1104-4/5, GS-322-3/3 — Applications will be accepted from status eligibles. The incumbent processes contract documents. Reviews for accuracy and verifies required clause content prior to typing. Types in final form contracts, requests for proposals, invitations for bids and various other forms. Updates the negotiator's ASPR Clause Reference Manual. Compiles information to develop the Weekly Highlights. Receives contractors and accepts sealed bid packages. Responsible for monitoring funds to avoid expiration prior to contracts being awarded. Job Relevant Criteria: Clerk-Typist GS-322-3/3: Knowledge and experience pertinent to the position; ability to interpret instructions; ability to meet and deal effectively with others; ability to meet deadlines under pressure; ability to operate a typewriter. Procurement Clerk (Typing), GS-1104-4/5: Knowledge of Defense Acquisition Regulations; ability to deal effectively with personnel at all levels, both on and off-center; ability to work independently; ability to make sound decisions; knowledge of procurement request preparation procedures.

Announcement No. 26-225, Crane Operator, WG-5725-11, JD No. 32M, Code 24781 — This position is located in the Heavy Equipment Section, Transportation Division, Public Works Department. The incumbent operates and maintains electrical, gasoline, and diesel-powered wheeled or crawler type cranes, power shovels and clams, stationary winches and railroad locomotives. The crane operator hoists and swings material such as armor plate targets and barricades, machinery, buildings, concrete, pipe launchers, missiles, camera towers, and communication poles and towers; and equipment and personnel with cranes up to 165 foot heights. Incumbent also digs and loads dump trucks for construction, digs out and cleans drainage ditches, and tubes and oils equipment as required. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to perform operational maintenance; reliability and dependability; ability to interpret instructions, specifications, etc.; ability to operate safely. Supplemental Qualifications Statement is required and may be picked up at the reception desk in Room 107 of the Personnel Building.

Announcement No. 26-226, Engineering Equipment Operator, WG-5714-8, JD No. 741N, Code 24781 — Position is located in the Engineering Equipment Section, Transportation Division, Public Works Department. The incumbent is required to operate all types of dirt moving construction equipment which includes bulldozers, road graders, road rollers, ditch digging equipment, skidloaders, tractors, and other equipment used to build and to maintain roads. Operates either gasoline or diesel-powered heavy duty earth moving equipment; operates equipment over the work area, controlling both speed and direction of the basic vehicle and various attachments; adjusts level and angle of cutting edges on the various attachments for cutting or for dumping dirt on the job site in accordance with the nature of work to be performed; performs minor maintenance such as reoiling, lubricating, replacing minor parts, and inspecting the equipment for signs of wear and damage. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to perform operational maintenance; reliability and dependability; ability to interpret instructions, specifications, etc.; ability to operate equipment safely. Position has promotion potential to WG-10, however, promotion is not guaranteed. Supplemental Qualifications Statement is required and may be picked up in the Personnel Building from Room 107 or at the reception desk.

Announcement No. 26-227, Administrative Officer, GS-341-5/7, PD No. 8026074N, Code 24782 — Position is located in the Transportation Division, Public Works Department. Incumbent will administer and evaluate the division's operating programs, including: budget plans; financial operations; management reviews; commercial/industrial projects; facilities/shop improvements; maintenance; staffing plans; training programs; safety; EEO procurement; inspections and audits; plant property; and transportation services. Functions as primary contact point for the division with other organizations on Center as well as divisions within Public Works. Position has promotion potential to GS-9, however, promotion is not guaranteed. Job Relevant Criteria: Ability to analyze data; ability to work independently; knowledge of the budgeting process; knowledge of personnel procedures; ability to communicate clearly both orally and in writing.

Announcement No. 26-228, Construction Representative, GS-809-9, PD No. 8024035N, Code 2422 — This is a temporary promotion not to exceed one year. Position is located in the Facilities Service Contracts Branch, Construction

Division, 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, Center personnel and Public Works Officer. The incumbent observes and investigates construction at all stages. Job Relevant Criteria: Knowledge of construction practices and methods; knowledge of contract administration; knowledge of construction management; ability to deal effectively with a variety of personnel.

Announcement No. 26-229, Maintenance Scheduler, WD-6701-7, JD No. 103N, Code 26403 — NOTE: This is a correction of Ann. 26-221 to include the fact that this is a temporary promotion not to exceed one year. Previous applicants need not reapply. Reviews job orders and completes plans, material lists to determine the operations required and which work centers will be affected. Based on information regarding manpower, machines, tools, equipment, material availability and current work load, the incumbent schedules a starting and completion date for each specified work operation to be performed by the various work centers in the 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. 33-016, Supervisory Electronics Engineer, DP-855-3/4, PAC 813353B, Code 3336 — This position serves as the head, Phoenix Fuze Systems Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent supervises 8 to 14 professional and technical employees engaged in development, test and evaluation of proximity fuze systems for anti-air missiles. The incumbent provides technical planning and management over the branch's projects. The work of the branch encompasses the spectrum of the development process from concept formulation through engineering development and documentation to fleet introduction and production. Job Relevant Criteria: Knowledge of the fundamental principles of radar or proximity fuze system design is required. Demonstrated ability to manage broad spectrum RDT&E programs, ability to supervise, plan, organize, assign and review work, ability to communicate with others at all levels effectively both orally and in writing; support of the principles of EEO. Previous applicants need not reapply.

Announcement No. 33-018, Electronics Engineer, DP-855-3, Physicist, DP-1319-3 PAC No. 8133547E, Code 3330 — Position is located in the Standard Missile Components Technical Office, Fuze Systems Division, Fuze and Sensors Department. Serves as technical staff engineer initiating and directing investigation of new concepts and application

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DIVINE SERVICES

Table listing religious services including Protestant, Roman Catholic, and Unitarian groups with their respective times and locations.

Amount, time of energy use impacts on electricity bill

The Center's total monthly electric bill is composed of four separate elements, two of which are directly influenced by the energy consumption level and time of use. The four major cost areas are energy, demand, energy cost adjustment and power factor.

The energy charge is the cost for the actual energy used during the billing period. Energy used is measured in kilowatt hours (KWH) for the specified billing period, which is usually one month.

Demand is the amount paid for the potential peak demand that the electric company must be prepared to deliver even though this may be used by the customer for only a short period of time during the billing period. The demand is usually determined by measuring the highest electric power requirement during a 15-second interval in the month. This is also expressed in kilowatts.

The energy cost adjustment is a charge that reflects cost increases to the electric utility for foreign fuel oil used to generate the electricity. This charge is based on a flat rate times the total KWHs consumed during the month.

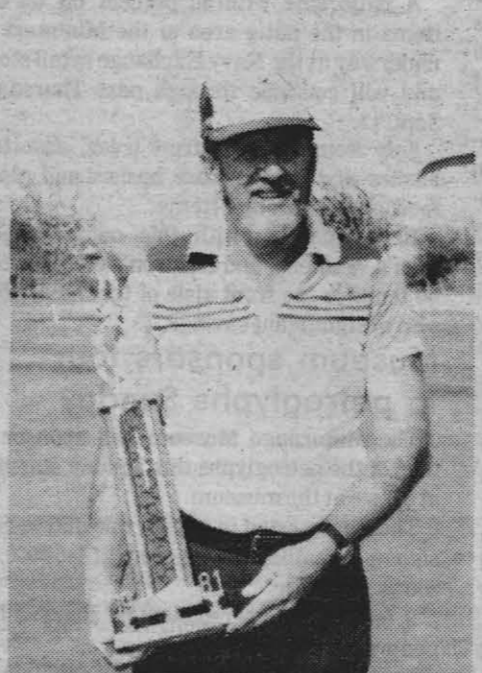
The power factor charge is a penalty added to a commercial/industrial customer whose electrical load shows a low power factor. The power factor is the ratio of the true power in watts (measured with a wattmeter) to the apparent power that is obtained from the product of the voltage and current of the load.

The percentage that each of these factors contributes to the Center's average electric bill in a typical month might be energy cost adjustment, 65.7 percent; demand 20.4 percent; energy 13.3 percent; and power factor, 0.6 percent. Percentages will vary from month to month.

Obviously, the less electricity used, the lower the Center's bill will be. Both to conserve energy and to cut the utility charges, the Energy Program Office asks everyone on board to be sparing in the use of electricity.

PREVENT TANGLED HOOKS

Use a safety pin to thread fish hooks of the same size together. This will keep them from tangling with each other and also show instantly what size hook needs to be replaced. A piece of adhesive tape on the head of the pin can provide a good surface for marking the size of the hooks.



TOP GOLFER — Cdr. Jim Kincheloe, representing the Naval Weapons Center, won the senior division of the Southern Pacific Regional Golf Championships held recently at the North Island Naval Air Station, in the San Diego area. Cdr. Kincheloe, who heads the Aircraft Department's Ordnance Division, turned in a 72-hole total of 317. His best 18-hole round was 76 on the first day of the four-day tourney. Fourth place in the senior division was garnered by CW3 Ron Decker, of Explosive Ordnance Disposal Group 1 at China Lake. His score for the 72-hole competition was 330.

employee in the spotlight

By Beth Payne

"It's an education in the workings of city government" says Councilwoman Brenda Burnett speaking about her involvement on the Ridgecrest Council. On the first and third Wednesday evenings of every month she can be found in the city council chambers at Ridgecrest City Hall. This is Brenda's first term on the city council, in a position she assumed in March 1980.

"I ran for city council because I felt that we needed someone with my background in financial management on the council. Being a city council member has given me an opportunity to take part in the legislative process in Ridgecrest and to influence the future of the city," she said.

"I worry a great deal that Ridgecrest won't have a future if we can't get our financial problems straightened out. It's very difficult to make people understand that our problems are more severe than those of other cities because we have no industrial tax base. If the Naval Weapons Center, our major employer, were a private corporation, it would be paying great sums into the city's coffers. NWC pays no taxes.

"This means that the city's residents have to pay the entire bill for city services. That's a tough pill to swallow. But if we don't pay now, we'll pay later in the form of automobile repair bills (because of driving on deteriorated streets) and in lost property values," Brenda stated.

Time-consuming activity

A lot of her time is devoted to city council meetings, both the bimonthly meetings and committee meetings. Brenda serves on the Planning and Zoning Committee, Parks and Recreation Committee, Finance Committee and the Utilities Committee.

What brought Brenda to the Naval Weapons Center? "The management intern program and the opportunity to get a master's degree in public administration (which she hasn't yet done) are what enticed me to come here in 1969," she said.

Brenda began her career at NWC as a resource management analyst in the Programs and Budget Division after completing the management intern program. (That program is now called

(Continued from Page 2)

new technology to fuzing systems for new missiles being developed in the Standard Missile/AEGIS family. Job Relevant Criteria: Knowledge and understanding of analog and digital electronic systems; basic understanding of microwave radar systems and countermeasures; effective in written and oral communication. Announcement No. 35-040, Management Analyst, GS-343-11 or DA-343-3, PAC No. 8133559E, Code 35021 — The incumbent will function as a special assistant for support services on the staff of the Electronics Warfare Department. The incumbent will conduct major analytical studies involving various department functions and supporting R&D programs within the department. Studies consist of matters of policy, organizations, functions, interrelationships of personnel and groups, and work processes. The incumbent is responsible for day-to-day administrative duties of the department covering areas of EEO, security, safety, plant account, transportation, Public Works and space co-ordination. Job Relevant Criteria: Knowledge of processes involved in facilities management; analytical ability; ability to communicate effectively, both orally and in writing; ability to deal effectively with all levels of personnel; knowledge of Center-wide administrative processes. Previous applicants need not apply.

Announcement No. 3640, Maintenance Scheduler, WD-6701-7, JD No. 800N, Code 36401 — This is a temporary position not to exceed one year. This position is located in the Resource Management Office, Engineering Prototype Division, Engineering Department. The incumbent plans,

coordinates, and schedules the maintenance and repair of Centerwide support equipment. When appropriate, suggests changes to facilitate maintenance and repair or reduce costs. Inspects and verifies performance of maintenance and repair. Maintains a master history file of Center support equipment including utilization, maintenance, repair, and overhaul. Screens existing inventories, prepares specifications and evaluates proposals on machine tool acquisitions. 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 required and may be picked up at the information desk of the Personnel Building. Previous applicants need not re-apply.

Announcement No. 3641, File Clerk, GS-385-3/4, PD No. 783487N, Code 3651 — This position is located in the Data Acquisition and Control Branch, Technical Data Division, Engineering Department. The incumbent processes requests for engineering documentation from on-center and off-center; performs quality assurance inspection of microfilm prior to distribution; processes reproduction work orders, performs filing and clerical duties, receives and relays incoming phone calls, and acts as Custody Control Point. Job Relevant Criteria: Ability to work somewhat independently; ability to interface with employees at all levels within the organization; general familiarity with Center office practices and procedures; ability to type forms and work orders; some knowledge of accountability procedures for safeguarding classified

material/documents; and ability to work with numbers accurately.

Announcement No. 3642, Secretary (Typing), GS-318-5, PD No. 813604N, Code 3644 — This position is located in the Sideswiper Program Office, Engineering Department. Incumbent provides clerical support to the program manager and staff. Incumbent is responsible for correspondence preparation; maintenance of film and viewgraph files; review and logging of correspondence from other codes; gathering of background data to answer specific requests; receiving visitors and telephone calls; and maintenance of all secret documents. Incumbent will be responsible for the training and immediate supervision of clerk-typist personnel. 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 process; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences; knowledge of Center organizational functions and military/VIP protocol. Supplemental Qualifications Statements required. Pick up forms from Kate Clark at the information desk in the Personnel Building. Previous applicants need not re-apply.

Announcement No. GY-852, Assistant Golf Course Superintendent, UA-1481-S-7/79, 515,989 per annum plus full benefits. Recreational Services Department, Code 221, Golf Course — This is not a Civil Service position. This position is located at the China Lake Golf Course. The incumbent is the assistant to the golf course superintendent and shares in the responsibility for all aspects of the maintenance program for the course and in the supervision of golf course employees. Utilizes established agronomic practices to improve and maintain turf and playing condition of the course, which includes greens, tees, fairways, roughs, traps, trees, driving range, chipping and putting green. Performs soil tests and directs the application of fertilizer, minerals, insecticides, and fungicides. Job Relevant Criteria: Ability to develop golf course improvement plans and maintenance plans; ability to prepare budgets; ability to supervise and deal effectively with people; knowledge of golf course construction and irrigation systems; knowledge of the proper agronomic practices to improve and maintain turf; ability to set up equipment maintenance programs; knowledge of golfer's needs and interests. Submit a completed SF-171 at the Reception Desk, Rm. 100, Personnel Building, 505 Blandy, for all non-Civil Service positions.

Remove clothes that will need ironing from the dryer while they still are damp. There's no point in wasting energy to dry them thoroughly if they only have to be dampened again.

Employee conservation tip

Remove clothes that will need ironing from the dryer while they still are damp. There's no point in wasting energy to dry them thoroughly if they only have to be dampened again.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California

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News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. 3354,3355



Rattlesnake Relay race draws record number of entrants

More than 90 runners — the largest turnout in the history of this event — turned out to participate last Thursday in the sixth annual Ridgecrest Rattlesnake Relay, sponsored by the Over-the-Hill Track Club.

Following a course laid out on the streets through the China Lake housing area, the race started at Schoeffel Field and the runners on each three-member team jogged a distance of 3.3 miles.

First place, thanks in part to a 13-minute handicap, were Peter Yu, Scotty Broyles and Alex Shlanta, who were entered as a team called the "Weary Musical Masters." Their winning time was 54 min., 40 sec.

The first team to cross the finish line was the White Star Threeder group of Laddy and Lindsay Shaw and Bob McEarmid. Because of a less favorable handicap, however, they ended up in second place in the adjusted standings.

Laddy Shaw recorded the fastest individual time of the day for his 3.3 mile relay leg (18:19), and then continued on running the second and third legs of the relay race just for the exercise.

Other teams that finished in the top ten in this event were:

The 128 Express (Dave Rugg, Tom Marshall, and John Anderson), third; the GWS (Larry Gleason, Dick Wisdom and Bob Smith) fourth; the Mongeese (Tom Sakat, Diane Lucas and Bill Wilson), fifth. Wilson was clocked at 18:45, second fastest individual time for this event.

The Pugs (Mike Stringham, Neal Krenzler and Paul Meyer), sixth; Parles Vouz Humma Humma (Glen Dixon, Jozzy Mumford and Mike Mumford), seventh.

The Polish Racing team (Jan, Leo and Mark Barglowski) won the family team competition, and placed tenth overall. Runners-up in the family team standings were Patrick's Shamrock Snake Chasers (Brigid, Seamus and Frank Freyne).

Meeting scheduled to discuss Men's Soccer League plans

An organizational meeting to discuss final preparations for a Men's Soccer League will be held this afternoon at 5 o'clock at Davidove Field (corner of South Knox Road and Renshaw Street).

All males of high school age or older are eligible to play on Men's Soccer League teams. The only requirement is that they have (or obtain) a soccer activity card that can be obtained at the Center gym and is good for one year from the date of purchase.

Registration for the Men's Soccer League has been underway since the last week in August and will continue this afternoon. Those who have signed up should come to Davidove Field prepared to take part in a drill that is aimed at determining their level of soccer-playing ability.

At this time, it looks like four teams will make up the Men's Soccer League. Games are to be played on Sunday afternoons, starting Sept. 20, and the league season will continue into the early part of November.

Rangebusters tops in Intramural Golf League

The Rangebusters proved the appropriateness of their name recently by winning the Intramural Golf League summer twilight round robin play-off.

Rangebuster team members are Marvin Rush, Bob Young, Billy Herron, Joe Dorgan, Jack Basden, and Dan Wagner.

BHS varsity opens season tonight at Barstow

Beginning a varsity football season that has every prospect of being an uphill battle from the opening kickoff tonight until the final gun of the Palmdale game on Nov. 13, the Burroughs High griders will lift the lid on their 1981 schedule of play this evening against the Barstow High School Aztecs in Barstow.

Kick-off time is 7:30 p.m. for the varsity clash. Because of an insufficient number of players on the local squad, there will be no junior varsity tilt at Barstow.

The Burros not only are beset with the problem of lack of numbers, but are shy on experience as well, with just two returning lettermen on the varsity squad, John Higdon, head coach, reports.

In general, however, practice sessions have been going well, and Coach Higdon is hopeful that Burros will pick up valuable experience against their first two foes, who also are short of returning veterans, but have the advantage of more prospective players from whom to choose.

Just two starting players are back from the 1980 Barstow High squad that the BHS

varsity griders will be tangling with tonight, while a week from tonight the Burros will host North High of Bakersfield — a team that includes eight varsity players from last season, none of whom were starters.

The tentative starting lineup on offense for tonight's game at Barstow — listed at midweek by Coach Higdon — is as follows: Tom Fortney, center; Bryan Manley and Mike Campbell, guards; Mike Garrett and Robert Leon, tackles; Scott Fulton and Troy Shull, ends; Danny Means, quarterback; James (Jeeter) McAlpin, left half; Ken McGrath, right half (or strong halfback); and Rodney Ruggeri, fullback (or diamond back).

Means, who has the key quarterback position in the Burros' tandem "I" and diamond "T" formations on offense, has moved up to the varsity after playing quarterback for the BHS freshman team last season. Rob Bernhardt is the backup for Means at the quarterback post.

On offense, the Burros, who have average speed, will mix draws and screens inside in

an effort to set up sweeps to the outside and a passing attack that will feature Means firing the ball to Fulton, a 6 ft., 4 in. 220-lb. tight end, and Shull, the team's 6 ft. tall split receiver.

McAlpin, one of two returning lettermen from the 1980 squad, is a speedy runner and good pass receiver. He also will be seeing action at the free safety position on defense.

The middle of the line is bulwarked by Manley, a 6 ft., 2 in. 220 lb. guard, who made the all Golden League team last year; and by Fortney, the center, whose weight and size (6 ft., 5 in. and 200 lb.) will be helpful in

Season tickets are now on sale for the 1981 season of Burroughs High School home football games.

General admission tickets are priced at \$8 each, and reserved seats are available at a cost of \$20. They can be purchased at the Burroughs High activities office.

Additional information about Burroughs High football tickets can be obtained by calling 375-4476.

The Burros varsity griders will be at home for four contests on their nine-game schedule this year.

The season gets underway tonight at Barstow, and the home games include North High of Bakersfield on Sept. 18, Saugus High on Oct. 2, Quartz Hill on Oct. 16, and Antelope Valley on Nov. 16.

protecting the quarterback on passing plays, and opening holes in the opposing team's line on running plays.

After tonight's game at Barstow and the varsity team's first home contest next Friday, Sept. 18, against North High of Bakersfield, the remainder of the 1981 BHS varsity football schedule is as follows:

Burroughs vs. Bakersfield High at Bakersfield, Sept. 25; Burroughs vs. Saugus at BHS, Oct. 2; Burroughs vs. Canyon High at Canyon, Oct. 9; Burroughs vs. Quartz Hill at BHS, Oct. 16; Burroughs vs. Hart High at College of the Canyons, Oct. 30; Burroughs vs. Antelope Valley at BHS, Nov. 6; and Burroughs vs. Palmdale at Palmdale, Nov. 13.

Haugen Memorial Tennis Tournament entries due Saturday

Tomorrow is the deadline for entries in the fifth annual Gary Haugen Memorial Tennis Tournament that will be held this year on the weekend of Oct. 3 and 4.

This event, which attracts some of the outstanding tennis players from all over the state, is staged to raise funds for a \$500 scholarship that is given in memory of Gary Haugen — a local youth dedicated to tennis and to helping others enjoy it as much as he did. Young Haugen died of leukemia in 1976 at the age of 19.

This will be an open tournament for anyone wishing to compete in A, B or C Division of men's and women's singles, or in A and B Divisions of the mixed doubles play.

No player may enter more than two events and the tournament committee, headed by Suzanne Haney, reserves the right to reclassify any entry in order to better equalize the competition.

The entry fee is \$8 per person per event. Completed entry forms are to be accompanied by checks made payable to the China Lake Tennis Club and mailed to P.O. Box 1530 Ridgecrest, Calif. 93555. Awards will be presented to the winner and runner-up in each division of the tournament.

It was decided that henceforth eligibility for the Haugen Memorial scholarship will be extended to include top scholars and tennis players from Cerro Coso Community College and Trona High School, in addition to those from Burroughs High.

Selection of the scholarship recipient is made by a group that includes representatives of the coaching staff at Burroughs High School, the China Lake Tennis Club, and Leonard and Barbara Haugen, whose son's memory is honored in this fashion.



EAGER LEARNERS — These youngsters had little difficulty putting into practice instruction on soccer playing skills provided during a recent clinic held for Youth Soccer League players. The final registration of players for the fall season of competition, which begins on Sept. 26, will be held tomorrow morning at Davidove Field. — Photo by Ralph Halcomb

Registration for Youth Soccer League extended 'til Saturday

Registration for the fall season of the Youth Soccer League has been extended until tomorrow morning at Davidove Field, located at the corner of South Knox Road and Renshaw Street in the China Lake housing area.

A sizable increase in the number already signed up for the Youth Soccer program is expected tomorrow, since notices were distributed to school children via the local public schools following the opening of the new school year on Tuesday.

There is a once-per-year sports registration fee that is prerequisite for taking part in this or any other youth sports

A soccer clinic for Youth Soccer League and Junior High League team coaches, physical education teachers, and other interested adults will be held Saturday, starting at 12 noon, at Davidove Field. Members of the China Lake Soccer Club, who will serve as instructors, will stress the techniques of kicking and receiving the ball.

Those who paid this fee in order to play soccer or compete in any other youth sports program earlier this year are covered for a 12-month period.

Details about the youth sports registration fee can be obtained by calling Elaine Mikkelsen at NWC ext. 2081. For youth soccer, there also is a fee of \$10 per player for uniforms and equipment that must be paid at the time of registration.

First through third graders interested in participating in the youth soccer program this fall can sign up tomorrow from 9 to 10 a.m., and fourth through sixth graders from 10 to 11 a.m. at Davidove Field.



CONGRATULATIONS EXTENDED — Capt. Jude Lahr, NWC Commander, offers his congratulations to Cdr. C. E. Gartrell, SC, USN, as he presents the Defense Meritorious Service Medal to the Center's Deputy Director of Supply.

Cdr. Gartrell gets Meritorious Service Medal

Capt. Jude Lahr, NWC Commander, last week presented the Defense Meritorious Service Medal to Cdr. C. E. Gartrell, SC, USN, Deputy Director of Supply for the Center.

The medal and commendation that accompanied it were presented by Capt. Lahr to Cdr. Gartrell on behalf of the Defense Logistics Agency of the Department of Defense.

The honoree was commended for the exceptional manner in which he handled the duties of Commander of the Defense Contract Administration Service Plant Representative Office (DECASPRO), Litton, in Woodland Hills, Calif., during the period from March 1978 to March 1981.

CONTRACTOR DELINQUENCIES CUT

The mission of DECASPRO, Cdr. Gartrell said, is to provide contract administration services to all Department of Defense and other government agencies. The citation that accompanied the Defense Meritorious Medal noted that Cdr. Gartrell directed this operation so well that "as a direct result of his innovative approaches, contractor delinquencies on DoD contracts were reduced by 50 percent."

It also was emphasized in the citation that Cdr. Gartrell's outstanding knowledge of acquisition principles... was instrumental in the successful implementation of the Joint Cruise Missile Program; the Carrier Aircraft Inertial Navigation Systems Reliability Operational Warranty Navy Program; and contributed substantially to the effectiveness of complex North Atlantic Treaty Organization communications systems contracts.

The staff of DECASPRO — a group of 75 civilian employees directed by one military officer — was composed principally of contract administrators, industrial specialists, and quality assurance specialists.

18 YEARS ON ACTIVE DUTY

Cdr. Gartrell, who is a veteran of 18 years of active duty in the Navy, reported here for duty in mid-June to take over his present assignment — replacing Cdr. J. E. Gaines.

A graduate of the University of Tennessee with a degree in business administration in June 1959, Cdr. Gartrell embarked on his Navy career via the Officer Candidate School at Newport, R.I., and then attended the Supply Corps School in Athens, Ga., before being assigned to a submarine tender (homebased at Charleston, S.C.) as disbursing officer and stores division officer.

Upon completion of a tour of duty on the sub tender, he went on inactive duty for four years, but returned to Navy service in September 1966 and was assigned to the Defense Personnel Support Center, Sub-sistence Regional Headquarters in Chicago,

Ill., where he served for two years as director of supply operations.

Two years of sea duty as supply officer on the USS LaSalle (an amphibious command ship) followed. During this time, Cdr. Gartrell rubbed elbows with a Marine Corps battalion landing team while on two deployments to the Mediterranean, and also made a North Atlantic cruise with 400 midshipmen from the U.S. Naval Academy.

Back on shore once again, Cdr. Gartrell was for nearly four years (September 1970 to July 1974) Commander of the Defense Contract Administration Service Office in Columbus, Ohio. During this period of time, he took advantage of the opportunity to get a

Dance, luncheon set as part of Nat'l Hispanic Heritage Week

Two special events have been planned to mark the local observance of National Hispanic Heritage Week, which is scheduled Sept. 13 through 19.

Activities in connection with this special week that is set aside to call attention to the contributions made to this country by those of Hispanic heritage, will get underway at a dance that will be held Saturday night at the exhibit building on the Desert Empire Fairgrounds in Ridgecrest.

The dance, which is being arranged by Los Hispanos Amigos, will begin with a social hour at 8 p.m., and Feliz, a popular band from Bakersfield, will be entertaining from 9 p.m. to 1 a.m.

Tickets to the dance, priced at \$5 per person, will be on sale at the door tomorrow night, or can be purchased in advance from the Naval Weapons Center's Equal Employment Opportunity Office in the Personnel Department Building, or from any Los Hispanos Amigos club member.

Highlight of the local observance of National Hispanic Heritage Week will be a luncheon from 11:30 a.m. to 1 p.m. Monday at the Community Center.

The guest speaker for this occasion will be Salvador Montenegro, a former member of the Los Angeles Board of Police Commissioners who is now serving on the Attorney General's Task Force on Gang Violence.

During a talk entitled "Youth Gangs — Yesterday, Today and Tomorrow," Montenegro will recall information about the gangs that made the headlines for their anti-social behavior four decades ago, mention the groups that have taken their place today, and forecast what impact such gangs will have on society in the years to come.

Sue Byrd and the Maturango Museum volunteers will prepare and serve the

Persons who have made telephone reservations for the National Hispanic Heritage Week luncheon on Monday have until 4:30 this afternoon to purchase their tickets at the EEO Office (Rooms 221 and 222 of the Personnel Department Building, 505 Blandly Ave.).

The tickets are priced at \$5.50 each. No tickets will be sold at the Community Center on Monday.

luncheon on Monday, and background music during this affair will be provided by Joan Fowler, Mary Bischel, and Bob Ferguson, who play the piano, violin and cello, respectively. All three are members of the Cerro Coso College/Desert Community Orchestra.

Sept. 9 was the last day to make reservations for the luncheon at which the menu will include chile rellenos, taco salad with guacamole dressing, corn muffins, ice cream with kahlua, coffee or tea.

Cdr. Gartrell was accompanied to China Lake by his wife, Wilma, and their two sons, David, who is 12 years old, and Ryan, who is 8.

Better communications goal of 'The Skipper Sez' column

Capt. Jude Lahr, NWC Commander, has announced that a new question and answer column entitled "The Skipper Sez" will be established in The ROCKETEER newspaper as a means of improving internal communications.

The column is designed to address all members of the China Lake community, including military personnel, civilian employees, and their dependents, on significant issues that evolve which have an impact on a large segment of Center personnel.

Capt. Lahr emphasized that the column is being established to answer only those questions which are of a wide interest and in no way is designed to subvert normal established chain of command channels.

All questions that are in good taste and pertain to a large audience will be accepted. Both the question and answer will appear together in The ROCKETEER. Capt. Lahr said.

The answers that are published, Capt. Lahr emphasized, will represent Command policy. "All questions that are significant and worthy of reply will be acted upon," Capt. Lahr continued.

Persons who have question can simply call "The Skipper Sez" at NWC ext. 2727 24 hours a day. Callers do not have to identify themselves, but they must state whether they are a military member, civilian employee, or a dependent.



MOVE TOWARD AUTOMATION — Three employees of the Engineering Department's Soldering Technology Branch (1-r.) Kathi Johnson, Donna Sanger and Bill Vuono demonstrate how (if it was actually in use) a printed circuit board is fed into the wave soldering machine — one of the pieces of equipment that eventually will lend itself to totally automated production of printed circuit assemblies. When it is in operation, a conveyor system on the wave solder machine moves the printed circuit board across a wave of molten solder that solders all of the components on the board at one time. — Photo by PH2 Benita Tetreault

Bluejacket . . .

(Continued from Page 1)

Wilson to get interested in hunting and fishing. He's an avid fisherman, hitting the streams in Rock House Basin and the Kern River as well as Lake Isabella. The latest catch that he proclaims with pride is a fat 3 1/2 lb. rainbow trout caught a couple of weeks ago.

Petty Officer Wilson enjoys bow hunting for deer as well as going after them with a rifle. While he's not particularly interested in joining any sort of a bow-hunting group, he'd like to hear from any other local bow hunters; he can be contacted by calling NWC ext. 5221.

For the past two years AZ1 Wilson has qualified as an expert rifleman. He's begun to shoot competitively since he's been at China Lake, becoming an active member of the NWC rifle team, and has joined the team to participate in various rifle matches.

Soldering work . . .

(Continued from Page 1)

steps, including pre-tinning, pre-forming, automatic insertion of parts, soldering (by wave, vapor phase or infrared methods), initial cleaning, and automatic inspection. Checkout by an electrical test station would follow before the finished product is given its final cleaning and then protected by conformal coating.

Ideas and direction for an automated production line are to come from NWC, Raby said, and a major contractor in the electronics equipment manufacturing field will install this equipment in his own plant in order to demonstrate cost savings that will enable the project to pay for itself in a relatively short period of time. This is the largest Manufacturing Technology Program funded by the Chief of Naval Material and, after the first year, will probably become a Department of Defense project.

From the standpoint of writing contracts, this effort is moving along well, Raby said. The automated production line proposal came about, he added, as the result of a challenge issued by Raby to equipment manufacturers who attended one of the annual Soldering Technology Seminars hosted by the Naval Weapons Center.

Concert Ass'n season ticket sale is underway

A series of six concerts will be offered at the Center theater by the Indian Wells Valley Concert Association during the 1981-82 season.

Music lovers who are not already members of the association can join by purchasing tickets for the season, Gene Younkin, association president, announced.

Those who join now will have the advantage of a wider selection of reserved seats than if they wait until the October rush to purchase tickets for the association's 35th series of performances, Younkin added.

The selection of reserved seats by new members of the IWV Concert Association began in mid-August, and season tickets will be mailed to all members before the first concert on Oct. 19.

Arrangements to purchase tickets for the 1981-82 season of concert programs can be made by telephoning 375-5600 at any time. An answering machine will take the caller's name and message if no one is in when the call is placed. Visa and Mastercharge orders may be handled entirely by phone, if desired.

Tickets remaining for the outstanding lineup of six programs are priced at \$20 and



Warsaw Philharmonic Chamber Orchestra — Feb. 23

performances of "H.M.S. Pinafore" in 1977 and "Pirates of Penzance" in 1979.

On Tuesday, Nov. 17, the Concert Association will present a four-member Renaissance band known as Calliope. Named for the chief of the Greek muses, this quartet of virtuoso musicians performs on more than 40 instruments as they present "some of the sweetest music this side of the 13th century."

Since winning the Naumbert Chamber Music Award in 1975, Calliope has appeared in every major Renaissance music festival in the country, and has performed as well in many prestigious concert halls. The stylish, spirited and imaginative performances of this group has earned high praise for these musicians, whose programs have wide audience appeal.

The first concert program of 1982 is scheduled on Wednesday, Jan. 20. Featured will be Gary Davenport, a 26-year-old pianist from California. Davenport is a graduate of the Juilliard School of Music with both a bachelor's and master's degree (the latter received in 1977).

The young pianist has appeared as a soloist at the Redlands Bowl and with many community orchestras throughout California.

Coming to the Center theater on Tuesday, Feb. 23, will be the Warsaw Philharmonic Chamber Orchestra — an ensemble of 22 of Poland's finest musicians.

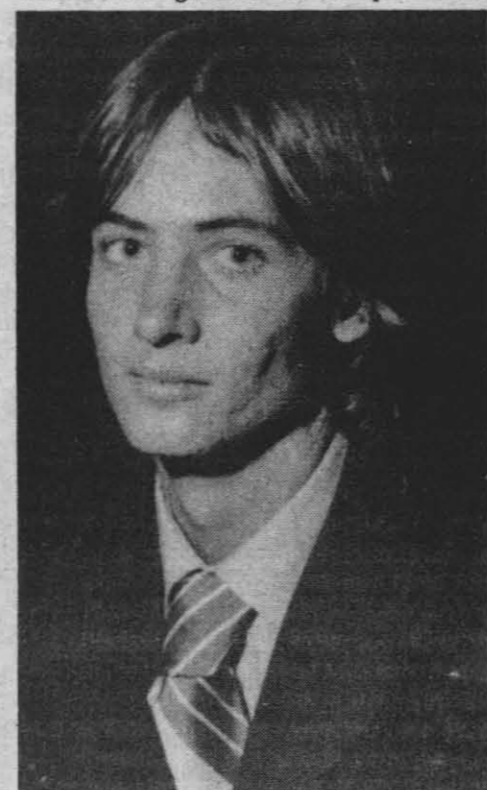
String instruments make up the body of the orchestra, but in order to be able to have a greater variety in programming, wind and horn instruments are sometimes included. The ensemble is conducted by Karol Teutsch from the concertmaster's desk.

The Warsaw Philharmonic Chamber Orchestra has been widely acclaimed for its performances in the United States, all over Europe, South and Central America, Japan, the Soviet Union, and the Middle East.

Scheduled for the next to last program of the 1981-82 concert series is a concert program by the Westwood Wind Quintet on Monday, March 15. Founded in 1959 by oboist Peter Christ, this group has won wide acclaim for its thousands of concert performances and many recordings, and is

recognized in some circles as "probably the best group of this kind anywhere."

The Westwood Wind Quintet is featured regularly in summer music festivals and has presented more than 1,500 children's concerts throughout the western part of the



Gary Davenport — Jan. 20

United States.

The final concert of the coming season will be a program by AMAN, America's own international folk music and dance company, on Thursday, April 29.

A favorite of critics and audiences alike, this ensemble of 16 to 20 dancers and musicians will bring lavish, colorful costumes and authentic ethnic instruments here for its program at the Center theater that will draw for its content from a multitude of cultures.

All concert programs in the 1981-82 series begin at 7:30 p.m. at the Naval Weapons Center theater.



AMAN Internat'l Folk Ensemble — April 29



The Mikado — Oct. 19

\$17. Already sold out are reserved seats for Section A, which were priced at \$23 each. These charges represent a savings of 40 percent when compared with the cost of single admission tickets for the entire series of six concerts.

Reduced price season tickets, which are half the cost of regular admission, can also be reserved now by young people under 21 years of age, enlisted military personnel, and senior citizens 65 years of age and over.

The 1981-82 concert season will get off to a lively and entertaining start by Opera la Carte's presentation of "The Mikado" on Oct. 19. This is a fully staged version of the Gilbert and Sullivan operetta, and will be directed by Richard Sheldon, noted G&S specialist from England.

In previous years, Opera la Carte has packed the Center theater with its per-

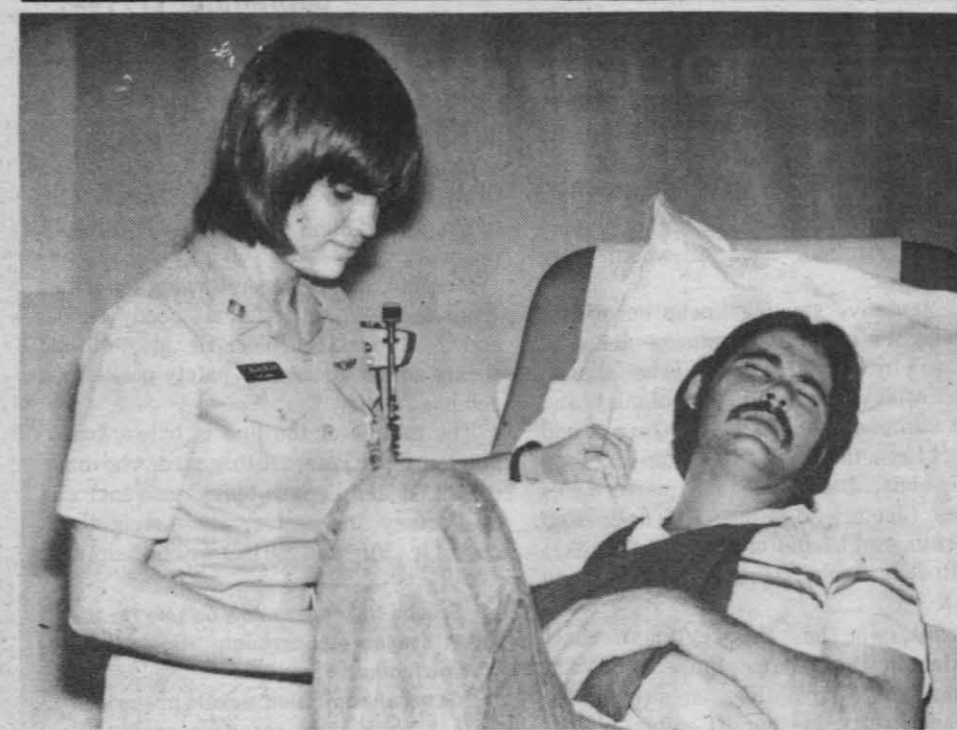


Calliope: A Renaissance Band — Nov. 17



Westwood Wind Quintet — March 15

Lt. Balagurchik is new flight surgeon at airfield, clinic



HEALING TOUCH — Lt. Laurie Balagurchik, the Center's newest flight surgeon, examines Michael Fava, a Civil Service employee from the Public Works Department, in the emergency room of the NRCM Branch Medical Clinic.

When Lt. Laurie Balagurchik was completing her medical training, she found difficulty in deciding on a specialty since she liked general medicine, liked variety, and enjoyed working with people.

Her love of flying, however, finally helped her decide that she wanted to become a flight surgeon, so on completing her year of internship at Bethesda Naval Hospital in Washington, D.C., she headed for flight surgeon's training at Pensacola, Fla., and reported on board at the NRCM Branch Medical Clinic as the Center's newest flight surgeon three months ago.

Dr. Balagurchik's family enthusiastically supported her choice of a medical career and also of her joining the Navy. Her father, who, she says, had served as a pharmacist's mate in the Merchant Marine, was especially pleased to see her become a Navy doctor.

Her duty here takes her to Armitage Airfield two days a week and she then spends three days at the branch clinic along with Drs. Richard Wallace and Felipe Robinson.

The west is a totally new experience for Lt. Balagurchik because she is a native of Staten Island, N.Y., and attended college in New York State at Cornell University in Ithaca and at Albany Medical College.

"I love it here," she says, noting that she had chosen NWC as her first duty station because she enjoys dirt biking and "this is by far one of the best places for that."

Lt. Balagurchik also likes to run, but has so far limited her running to the evening because of the desert heat. Her large gray parrot, Jesse, does not accompany her in either activity.

Special membership meeting to be held on Sept. 17 by F.E.W.

A special membership meeting of the local chapter of Federally Employed Women (F.E.W.) will be held next Thursday, Sept. 17, from 11:30 a.m. to 12:30 p.m. in the East Wing of the All Faith Chapel.

A potluck luncheon will be provided by F.E.W. members. All NWC employees are invited to attend and learn about the purpose and activities of F.E.W. Guests will be asked to contribute a modest donation.

Additional information about the local group can be obtained by calling Gene Schneider at NWC ext. 6213, or Wanda Clark at NWC ext. 3361.

TEL-MED TAPE OF WEEK

Heart failure is a frightening term to most people. What is heart failure? It is one of the more common illnesses of the heart. To learn more about heart failure and the symptoms and warning signals call Tel-Med and ask to hear tape No. 72, "Heart Failure."

Police reports . . .

Theft of a microwave oven from a trailer set up at the Joshua Ridge laser site was reported on Thursday of last week to China Lake police.

The individual who took the oven, valued at \$350, gained entry to a fenced compound by cutting a chain used with a lock to secure the gate to the compound.

WALLET STOLEN

A wallet, the contents of which included more than \$30 in cash, was removed from the pants' pocket of some men's clothing left unattended in the men's dressing room at the Commissioned Officers' Mess swimming pool. This petty theft incident occurred during the noon hour on Thursday, Sept. 3.

GOV'T PROPERTY MISSING

China Lake police are investigating two incidents involving the theft of government property. In the first, a battery valued at \$60 was removed from a vehicle left parked near the Safety Office at Nimitz Avenue and Hussey Road.

Also reported missing last week are the seat and pedals from a government bicycle left parked outside Hangar 3 at Armitage Airfield. Value of the missing items is estimated at \$30.

NWC Commander to be speaker at next FMA meeting

Captain Jude Lahr, NWC Commander, will talk to the Federal Manager's Association at an open lunch meeting on Tuesday, Sept. 22, at 11:30 a.m. The meeting will be held at the Enlisted Mess.

He will discuss his perspective of the Center as he has seen it since assuming Command this summer and also his agenda for the future.

Those who wish to attend are asked to phone Cathy Bosma at 446-6929 for reservations to ensure adequate seating. Menu choices for the day include beef tips and noodles, liver and onions, a chef salad, or a choice of numerous sandwiches.

Contract awarded for Demo Project evaluation

A contract has been awarded to Coopers and Lybrand, a management consulting firm from Washington, D.C., to do the external evaluation of the Civil Service Reform Act Demonstration Project in which the Naval Weapons Center and the Naval Ocean Systems Center, San Diego, are currently engaged.

The contract was for \$99,906. It is for one year, with four options for renewal to cover a five-year period.

A total of four prospective contractors bid on the evaluation project.

Combined Federal Campaign to run through month of October

This year's Combined Federal Campaign will again run from Oct. 1 through Oct. 31, says Loretta King, assistant Public Affairs Officer.

Mrs. King will coordinate this "once for all" integrated campaign that permits donors to assist the worthy organization or organizations of their choice through payroll deductions, through cash gifts, or by writing a check.

All money donated is fully tax deductible, and, because of the unified campaign, fundraising costs are kept to a minimum so that the contributions will be more fully available to the member agencies.

A total of 69 agencies will benefit from the CFC. This year 19 United Way agencies, 26 National Health Agencies, 7 National Service Agencies and 15 International Service Agencies are members sharing in the undesignated funds as well as monies designated directly for an agency or group of agencies.

The undesignated funds will again be split in the following proportions: United Way of Indian Wells Valley, 65 percent; National Health Agencies, 25 percent; National Service Agencies, 5 percent; and International Service Agencies, 5 percent.

Two independent local agencies — the Maturango Museum and the Women's Center-High Desert — will also be member agencies, but will receive only those monies directly designated for them.

Last year a total of \$146,857.37 was collected during the CFC drive; \$2,743.73 was deducted for campaign expenses, which left \$144,113.64 to be divided among the various agencies.

Combined Federal Campaign

Friends, co-workers gather to honor Bernal at farewell party

At a farewell reception held Tuesday night for Beto Bernal, NWC Deputy EEO Officer, Capt. Jude Lahr, NWC Commander, said that Equal Employment Opportunity is now being brought from an emphasis on education into that of affirmative action.

"We're losing a valuable addition to our team at the time of this transition," Capt. Lahr stated. "I assure you," he told Bernal, "that whoever replaces you will have the same access to me that you have had, but you have a place of prominence in our hearts," Capt. Lahr continued, as he presented Bernal with an NWC plaque.

In response to the words of Capt. Lahr and of co-workers and friends who had also made presentations, Bernal noted that "EEO is the law, but it is also the attitude of all of you together."

He added that his work at China Lake had been a pleasure because "managers here

are willing to sit down and talk to employees — and to listen."

Bernal is leaving the Center to accept a position as staff to the Director of EEO in the Civilian Personnel Support Office of the Defense Logistics Agency in Columbus, Ohio. He has headed NWC's EEO office for nearly three years, coming here in October 1978 from Washington, D.C., where he was a personnel management specialist in the Civil Service Commission Office of Federal EEO.

Bernal has been working in the EEO field since 1972 when he was a personnel investigator for the Civil Service Commission and assumed EEO functions as collateral duty.

Bernal and his wife, Mary, are both natives of Douglas, Ariz. They and their three children, Richard, 12, Marissa, 10, and Kristina, 4, will leave for Ohio within the next two weeks.



GOOD WISHES — Capt. Jude Lahr, NWC Commander, tells Beto Bernal that he takes the appreciation of the Center with him to his new position as Bernal looks at the NWC plaque that he has just received. The presentation took place during a farewell reception held for the Deputy EEO Officer.