



THRILLS CROWD — A concert last Friday night at the Center theater by the U.S. Navy Band from Washington, D.C. was a crowd-pleaser from start to finish. Standing ovations and encores were numerous as the band and feature soloists presented a varied musical program under the direction of Lcdr. Joseph Phillips (top left photo). "Battle Hymn of the Republic," a well-known song of the Civil War era, was sung by vocal soloist Evangeline Taylor (at right). The band's six trumpet players share the spotlight in photo at lower left. This second local appearance of the Navy Band was sponsored by the Desert Community Orchestra Association. All proceeds after expenses will go into the Desert Community Cerro Coso Community College Orchestra scholarship fund.

Ballet classes for benefit of museum building fund slated

Ballet Arts Theatre is again offering a special spring session of classes to benefit the Maturango Museum building fund.

The six week session is scheduled to begin in mid-March at the rate of \$24 per student. Classes will be conducted by Bette Jack director of Ballet Arts Theatre.

Instruction will be adapted to each individual so that the student just seeking exercise will be as much at home as those wanting to seriously study classical ballet.

Morning, afternoon and evening classes will be offered in order to accommodate everyone's schedule and anyone wanting to continue taking classes after six weeks may do so.

Mrs. Jacks has been teaching ballet in the local area for 20 years. She has studied with master teachers in New York City, Los Angeles and at the University of Arizona in Tempe.

Registration will take place Monday through Thursday from 4:30 to 5:30 p.m. beginning March 12; and on Tuesday, March 20, from 1 to 2 and 5 to 6 p.m., at 303 Blue Ridge Rd., China Lake.



EEO secretary has leading role in college stage play opening tonight

Ava McClendon, a secretary in the Equal Employment Opportunity office at the Naval Weapons Center, has been cast as the Lady in Brown, one of the leading roles in the Cerro Coso Community College's spring production "For Colored Girls Who Have Considered Suicide When the Rainbow is Enuf."

Drama director Florence Green has announced that "For Colored Girls..." will open tonight in the Cerro Coso College lecture hall. Curtain time is 8:15, and there will also be performances tomorrow night and on Friday and Saturday, March 16 and 17, starting at the same time.

While working at NWC, Ms. McClendon

Talk scheduled on visits to England

Those who share the poet's wish "to be in England now that spring is here" may experience the next best thing on Wednesday evening, March 14, when Elizabeth Anderson presents color film slides and a talk on her experiences in England.

The talk, sponsored by the Maturango Museum, will be given at Richmond School starting at 7:30 p.m.

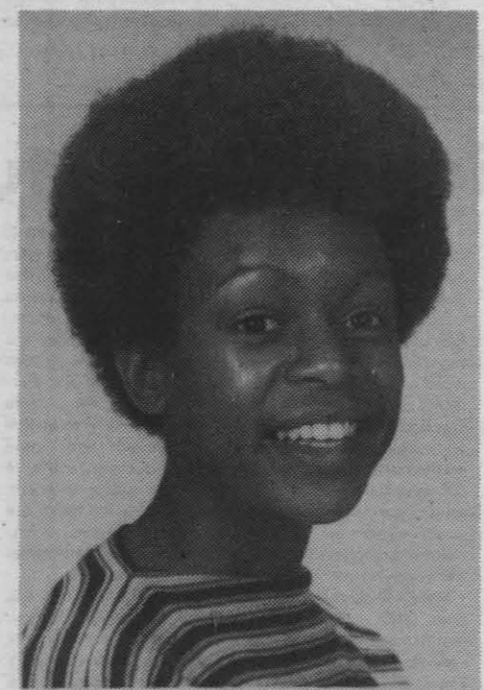
Mrs. Anderson, a technical illustrator in the Technical Information Department's Illustration and Design Branch, has taken two trips to England (1975 and 1978). The best of the film slides she took from both trips will be featured in Wednesday's presentation, along with her comments on British manners and mores.

Title of Mrs. Anderson's talk will be "English Is Many Languages," and she will point out some of the amusing differences from the Queen's English and that spoken in the U.S. For this audience, she will also add information about the geology and history of England that may be of particular interest to museum members.

An additional benefit of Wednesday's talk to potential visitors to the British Isles will be some helpful hints on how to travel inexpensively.

has appeared on television on the "Gong Show," and in stage productions of "Little Women," "Flowers for Algernon," "A Raisin in the Sun," and in the chorus of "On a Clear Day."

Other members of the cast of this college drama production are Diane Ryan as the Lady in Green, Nona Celestine as the Lady in Red, Karen Hutchinson as Lady in



Ava McClendon

Orange, Anniece Isler as Lady in Purple, Sharon Griffith as Lady in Yellow, and Cynthia Harris as Lady in Blue.

The student director is Kathy Larsen, and members of the backstage crew include Diane Whiting, Cathey DeRosa, Patti Braun, Virginia Sandberg, Jackson Whitfield, Thomas Jones, Joyce Shields, and Ted Parker.

Tickets can be purchased at the college business office, at Sports, Etc. in Ridgecrest, and from members of the cast. The admission price is \$2.50 for general admission and \$1.25 for student body card holders.



Commissioned Officers' Mess The Commissioned Officers' Mess will offer patrons a full calendar of events during the coming week, beginning tonight with dancing to recorded disco music from 8:30 p.m. to 12:30 a.m.

The COM will feature family night on Saturday with baby prime rib of beef on the menu. Dinner prices for adults will be \$4.50 and children \$3.25. The COM suggests that for tiny tots, patrons order a children's plate and split it into two portions.

Tuesday night will be barbecue night. The menu features a country platter of pork spareribs and chicken, potatoes, corn on the cob, and hot biscuits and honey.

Next Friday, March 16, another gala membership night has been planned. This will be a St. Patrick's Day celebration, featuring corned beef and cabbage with all the Irish trimmings. For those members and guests observing Lent, a seafood selection will be available.

CPO Club Next Friday, March 16, there will be a St. Patrick's Day dance at the Chief Petty Officers' Club.

The special on the menu that evening will be prime rib of beef.

The CPO Club staff wishes to remind everyone to get tickets early for the annual CPO Military Ball, which has been rescheduled on Saturday, March 24.

This annual dinner-dance will feature a six-piece band, and is in honor of all chief petty officers.

Enlisted Mess Music for the listening and dancing pleasure of Enlisted Mess patrons will be provided tonight by a group called "Just Us Wham."

Entertainment will begin at 9, following a sea food platter dinner special with lobster served from 6 to 8:30 p.m.

MOVIES advertisement listing film titles and showtimes for Friday, Saturday, Monday, Wednesday, and Friday.

U.S. Government Printing Office: 1979-117

Form with fields for From, To, and a stamp area labeled PLACE STAMP HERE.



Naval Weapons Center China Lake California

March 9, 1979

Vol. XXXIV, No. 10

INSIDE...

Table listing various events and their page numbers: Girl Scout Birthday, CEC/Seabees' Anniversary Fete, Author To Present Lecture, EEO Award Nominations Sought, Sports, Navy Band Thrills Large Crowd.



CONGRATULATIONS IN ORDER — Rear Admiral William L. Harris, NWC Commander, displays the Los Angeles Federal Executive Board's Federal Employee Distinguished Service Award for 1979. The award was accepted last week on behalf of the Center Commander by Capt. F. H. M. Kinley, NWC Vice Commander, who presented it to RAdm. Harris during the Commander's meeting held Monday morning.

1979 Federal Employee Distinguished Service Award given RAdm. Harris

Presentation of the Los Angeles Federal Executive Board's Federal Employee Distinguished Service Award for 1979 was made Monday to Rear Admiral William L. Harris, NWC Commander.

Capt. F. H. M. Kinley, NWC Vice Commander, who had traveled to Los Angeles last week to accept this honor on behalf of the Center Commander, presented this prestigious award to RAdm. Harris during the Commander's meeting held in the Management Center of Michelson Laboratory.

The Federal Employee Distinguished Service Award recognizes individuals whose activities within the Federal government have made the greatest contribution to the overall concept of public service. RAdm. Harris was one of eight winners singled out for this special recognition at the awards presentation in Los Angeles.

Some of the areas of public service which

were considered by the selection committee are improving community relations, support of the Equal Employment Opportunity (EEO) program, scientific and technological advances impacting on the general public, and public relations.

"One of the fringe benefits of my position as NWC Commander is getting credit for things that go right," RAdm. Harris commented, as he accepted the Federal Employee Distinguished Service Award from Capt. Kinley. "We are winning a few and establishing friends. This is, however, a Center award, not mine," he emphasized.

RAdm. Harris was recognized by the award selection committee for the strong policy which he has endorsed that calls for open cooperation and sharing of NWC's resources with federal, state, county, and local agencies and community groups.

One of the ways in which the Center supports the adjacent communities in the Indian Wells Valley is through NWC's efforts in providing mutual aid assistance to city and county agencies in emergency situations.

The Center provides routine search and rescue assistance to the community in situations where injured persons require the support of search and rescue personnel and equipment. A full spectrum of rescue capability exists locally, which includes mountain, surface and mine rescue teams.

Center employees who serve on search and rescue teams may take time off when necessary to assist with search and rescue

(Continued on Page 5)

Three-day Air-to-Surface Weapons Technology Review held at China Lake

The Naval Weapons Center last week hosted the Air-to-Surface Weapon Technology Review, a three-day event held at the Community Center which was attended by 160 visitors and some 40 NWC employees and military personnel.

Purpose of this program was to further the exchange of information between personnel from various branches in the military services in order to improve program planning, circulate recent data on program status, and avoid potential duplication of effort.

The emphasis of the Air-to-Surface Weapon Technology Review was on surface target engagement from aircraft. The program included an overview of threat capabilities and future needs, and detailed discussions of technologies related to specific weapons subsystems for land and sea targets.

Co-Sponsors of Event

In addition to the Naval Weapons Center as the host activity, this, the second of a series of planned technology reviews was sponsored by the Joint Technical Coordinating Group for Munitions Development, Working Party-2 (JTCDG-MD/WP-2), the Joint Technical Coordinating Group for Munitions Effectiveness/Joint Munitions Effectiveness Manual/Air-to-Surface (JTCDG/ME-JMEM/AS), and the Joint Services Guidance and Control Committee (JSG&CC).

Dr. Robert J. Heaston, scientific advisor at Army Headquarters in the Pentagon, is chairman of the JSG&CC; Paul Homer, head of the Weapons Synthesis Division (Code 391) in the NWC Weapons Department, is chairman of the JTCDG/ME-JMEM/AS, while C. W. "Zip" Mettenberg, head of the Air-to-Air Planning Office in Code 39, is chairman of JTCDG-MD/WP-2.

Among those who traveled the greatest distance to attend this program was Dr. Roy Linsinmeyer, scientific advisor to the Commander in Chief Pacific Forces, who flew here from Hawaii, as did several Air Force officers based at Hickam Field on the Island of Oahu. In addition, Army Navy and Air Force Headquarters located in and

around the nation's capital were well represented.

The first four sessions of the three-day program were a prelude to the final and most important part of the gathering, which dealt with "Technology Possibilities."

Films, vignettes, charts and other visual aids were used extensively by the numerous speakers who participated in the Air-to-Surface Weapons Technology Review.

Welcoming remarks were presented by

Rear Admiral William L. Harris, NWC Commander, who also outlined the theme of the conference as a prelude to the opening session on "Threat Capabilities." This was a service-oriented presentation by representatives of the Army, Navy and Air Force regarding the air-to-surface threat from the perspective of their particular branches of the military service.

During Session No. 2 which pertained to

(Continued on Page 4)



TOP ECHELON SPEAKERS — Rear Admiral Jack F. O'Hara (back row, center) was the chairman of a "Headquarters Overview" session during the Air-to-Surface Weapon Technology Review. RAdm. O'Hara, who is head of the Tactical Air Surface and Electronic Warfare Development Division, under the Chief of Naval Operations, was joined by (front row, l.-r.) Lt. Col. Curtis James, from U.S. Air Force Headquarters, and David Weller, from the Army Aviation Research and Development Command, St. Louis. Mo. RAdm. O'Hara is flanked by Thomas P. Christie (at left), Deputy Assistant Secretary for Tactical Air Programs, Office of the Secretary of Defense, and Capt. Ron Hyde, of the Air Weapons Systems Office — a part of the Aircraft and Weapons Requirements Branch in OPNAV.

VX-5 commended for part played in weapons show

Air Test and Evaluation Squadron Five (VX-5) was recently commended by Vice Admiral D. F. Emerson, Director, Research, Development Test and Evaluation for the Chief of Naval Operations, Washington, D.C., for the part it played in a precision guided munitions (PGM) demonstration at the Army's White Sands Missile Range in New Mexico.

During a three-hour period, high-ranking government officials and representatives from the press saw bombs, shells and missiles smash tanks and targets at the White Sands Missile Range. After the demonstration there was a press conference with Secretary of Defense Harold Brown.

The point of the demonstration, according to SecDef Brown, was to show the American public, through the press, some of the new weapon systems being developed. The demonstration was effective as all the weapons successfully hit their targets.

Three kinds of PGMs were demonstrated, including the Army's Copperhead, a guided projectile which is cannon-launched. In the guided bomb category, the Air Force dropped four laser guided bombs and a GBU-15 television-guided bomb, while the Navy dropped a Walleye, which is also television-guided.

The third type, a TOW anti-tank missile, was successfully fired from a Cobra attack helicopter. TOW stands for tube-launched,

(Continued on Page 3)



SIGNS PROCLAMATION — Rear Admiral William L. Harris, NWC Commander, signs a proclamation declaring March 11-17 as National DeMolay Week in the China Lake - Ridgecrest area. Looking on are Karl Nickles (left), past master counselor of the Indian Wells Valley Chapter of the Order of DeMolay, and Ed Gutzman, chairman of the IWV Chapter's advisory council. The DeMolays, sponsored by the Desert Shrine Club, will be attending church in a group on Sunday, washing police cars as a civic service on Monday, and among other activities will hold a friendship day next Wednesday. The Order of DeMolay is a character building organization made up of young men from 13 to 21 years of age who want to become better citizens today and leaders tomorrow. — Photo by Randy Eady

Girl Scout anniversary to be observed by party on Monday

The 67th anniversary of the founding of the Girl Scouts of America will be observed during the period of March 11 to 17, which has been designated Girl Scout Week.

Highlight of the local activities planned to commemorate this anniversary is a birthday party and camp rally that will be held on Monday from 7 to 8 p.m. at the Knights of Columbus Hall in Ridgecrest.

On Monday night, plans will be announced for the Girl Scout camping program this summer at Mountain Meadows on Greenhorn Mountain above Kernville, Allene Archibald, Girl Scout media representative, said. She also stated that many girls would be happy to learn that horseback riding was going to be added to the program.

Mrs. Archibald stated that at a time when youth groups around the nation are losing members, the Ridgecrest-China Lake Girl Scout membership is continuing to grow and now has 237 girls and adults involved in the program.

"These members are only a part of the 2,450 men, women and children in Kern County and 5,576 in the Joshua Tree Council who are celebrating the International Year of the Child through an on-going program designed to develop and improve the hidden talents of each member," she said.

Today's Girl Scouts have many more opportunities to broaden their scope of interests than the original troop from Savannah, Ga., formed in 1912. Mrs. Archibald said. Girl Scouts are into all kinds of activities. These range from career exploration to a heightened awareness of women's roles in a changing society.

Girl Scouts in Indian Wells Valley are among the more than three million Girl Scouts in the United States who are doing new things in new ways that reflect the concerns of contemporary life.

Mrs. Archibald said because of the growing program here adult leaders are needed for two junior troops of fourth through sixth grade girls and for the senior Girl Scout program.

Adults interested in volunteering their services as Girl Scout leaders are asked to call Mrs. Dottie Leet at 375-5996 for further information.

All Girl Scouts, their parents and others interested in the scouting program are invited to attend the birthday party and camp rally in Ridgecrest.

Ticket sellout likely for Utah Symphony concert

Tickets will go on sale starting tomorrow for the Utah Symphony Orchestra program, the Indian Wells Valley Concert Association's final program of the 1978-79 season, which will be held at the Center theater on the evening of Monday, March 29.

Tickets prices at \$6 each for the general public and \$4 for those under 21, 65 or over, or enlisted military personnel, may be purchased in Ridgecrest at the Music Man, Medical Arts Pharmacy, Center Professional Pharmacy, the Gift Mart, Sports, Etc., and at Lilly's Dress Shop.

Carl Helmick, president of the IWV Concert Association, expects a complete sell out by curtain time.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 097, Ext. 2067. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook K-118C.

Clerk-Typist, part-time, GS-322-3/4, PD No. 78297N-1, Code 3914 — This is a part-time position — 20 hours per week (schedule to be arranged with supervisor) in the Dynamics and Control Branch, Weapon Synthesis Division, Weapons Department. The incumbent types a variety of correspondence and technical reports primarily handwritten rough drafts. The incumbent will perform other clerical duties such as making travel arrangements, preparing timecards, serving as receptionist, and filing. **Job Relevant Criteria:** Ability to type accurately and efficiently; knowledge of Navy correspondence and regulations.

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

Clerk-Typist, GS-323-4, PD No. 7934028N, Code 34601 — This position is located in the Engineering Prototype Division, Engineering Department. The incumbent will perform a variety of clerical functions in support of division operations including typing, logging in, and filing all sub requisitions and maintaining materials catalog for the division; maintaining records associated with job progress and costs; to include preparation of a weekly status report of all current work being performed in the shop; and performing general secretarial duties (typing correspondence, answering telephone, filing, etc.) **Job Relevant Criteria:** Incumbent must have knowledge of supply requisition procedures; knowledge of accounts maintenance procedures associated with the keeping of production and accounting records; knowledge of general administrative procedures including those associated with preparation of official correspondence, filing, and record keeping; ability to operate keypunch machine to prepare reports on production status and costs. No known promotional potential.

Engineering Aid, GS-802-3/ Electronics Technician, GS-854-4, PD Nos. 7936029N / 7936030N, Code 3461 — This position is located in the Electronic Prototype Branch, Engineering Prototype Division, Engineering Department. The branch participates in the development, prototype production, production, in-service support, and product improvement phases of the manufacture of missile guidance and control electronics and associated mechanical hardware. This position represents a trainee level in the branch electronic technician career ladder. The incumbent will be provided the opportunity to develop the skills and knowledge necessary to perform higher-level technical duties through formal and on-the-job training. At this level the incumbent will assist higher-grade technicians with the assembly of electronic components. **Job Relevant Criteria:** GS-3 incumbent must have ability to manipulate small electronic parts (good eye/hand coordination); ability to read parts descriptions; ability to distinguish various color-coded components; ability to read and interpret engineering drawings or specifications; ability to solder; and ability to use simple test and/or measuring devices. GS-4 incumbent must have abilities shown for GS-3 level and, in addition, knowledge of basic electronic theory and standard electronic components and their uses, as well as ability to solder to WS 6536.

Electronics Technician, GS-854-8/9, PD Nos. 7934005N, 7934004N, Code 3481 — This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The functions of this position include performance of operational, electrical, electronic, and physical analysis of electronic components, circuits, and subsystems that have failed, are in need of circuit or component quality verification, or are in need of circuit analysis leading to possible redesign. **Job Relevant Criteria:** Knowledge of electronic test and troubleshooting procedures; ability to use various electronic test equipment such as oscilloscopes, oscillators, voltmeters, pulse generators, and special test consoles; ability to operate micro-manipulated test probes under optical magnification; and ability to prepare reports of test results. Promotion potential to GS-9.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 204, Ph. 2925.

Test Mechanic (Experimental Electrical Equipment), WG-2881-11, JD No. 131N, Code 42223 — This position is located in the Track Operation Branch, Range Operations Division, Range Department. The incumbent will construct components for the SNORT programmer and set up, operate, and install electrical fire control equipment, programming systems, aircraft escape systems for ordnance operation of ejection mechanisms, ripple firing systems and other related equipment and systems pertaining to experimental scientific, or engineering tests on the track. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; theory and instruments (electrical used in shop and trade practices); technical practices (theoretical, precise, artistic); ability to use electrical drawings; ability to use and maintain handtools (electrical work).

Electronics Technician, GS-854-9/10/11, PD No. 7437036-1, Code 62341 — This position is located at the Range Support Branch, Range Instrumentation Support Division, Range Department. The incumbent works at the branch's Timing Control Station performing design and development work for timing and control equipment; operating the station during test operations, and performing the system set-up for new timing and control equipment. **Job Relevant Criteria:** Knowledge of digital systems design and operation; knowledge of FM multiplexing techniques; knowledge of RF transmitter/receiver principles.

Equipment Specialist (Ordnance), GS-1470-9, PD No. 7961001E, Code 614 — This position is located in the Ordnance Division of the Aircraft Department. Its function will be to maintain continuous liaison with Code 0631 project engineers and other ordnance test units utilizing air launched ordnance. Specific functions will include ammunition requirement planning, facilitating the choice, movement, test plan review, modification, loading, and disposition of air launched ordnance. Incumbent will report to the head, Ordnance Division. **Job Relevant**

Criteria: Ability to write and speak clearly; ability to identify ordnance equipment; knowledge of proper ordnance storage requirements; ability to write/review ordnance standard operating procedures. Status eligible accepted.

Sheet Metal Mechanic (Aircraft), WG-3806-10-11, JD No. 123-34, Code 6123 — The position is located in the Aircraft Configuration Section, Instrumentation Division of the Aircraft Department. The incumbent will fabricate from stock materials, accurate models of airframes, external stores, launchers, aerodynamic shapes and other related parts of missile programs. The incumbent will manufacture brackets, fittings and fixtures for the installation of complex arrays of electronic and optical equipment installations, as well as intricate chassis for electronic devices used in flight evaluation programs. **Job Relevant Criteria:** Knowledge of sheet metal of structural metal equipment that can be fabricated, modified, repaired, assembled, etc.; ability to understand shop manual instructions, blueprints, etc.; ability to develop and transfer shapes, outlines, and forms from drawings, sketches, blueprints, and work orders to metal or non-metallic surfaces; ability to use metal working and hand tools common to the sheetmetal trade; ability to determine the corrosive properties of the different metals common to the sheetmetal trade; ability to do the work of the position without more than normal supervision. Supplemental required.

Machinist, WG-3414-11, JD No. 644N, Code 6123 — This position is located in the Instrumentation/Avionics Branch of the Aircraft Department. As a premium machinist, the incumbent will machine from various metals and other material an extensive variety of components associated with the design, development, fabrication, and assembly of advanced ordnance and related systems. Assignments usually require the special adaptations of conventional machine tools as well as the use of more specialized tools, such as job benders, grinders, and numerical controlled machines. A great amount of flexibility, adaptability, and mechanical dexterity is required to meet rapidly changing project demands. Works from blueprints or drawings, rough sketches, prototypes, and verbal instructions. **Job Relevant Criteria:** Set-up and operation of machine tools; trade theory and technical practices; shop drawings, layout work, and measuring devices; handtools and fitting materials; ability to do the work of the position without more than normal supervision. Supplemental required.

Engineering Technician, GS-802-7/8/11, PD No. 7996091, Code 9631 — This position is located in the AIM Projects Office, Test and Evaluation Directorate. The incumbent will be responsible for technical planning and administration of range testing for major development programs on the NWC ranges. In addition to T&E Directorate personnel, the incumbent will be working with agencies such as the Navy, Army, Air Force and other organizations or contractors that utilize the NWC range facilities. **Job Relevant Criteria:** Experience in field testing of complex weapons systems; ability to manage test program plans effectively; knowledge of data analysis (Continued on Page 4)



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0845
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

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

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0830-1130
Nursery, Chapel Annex 1 0815-1024
Daily except Saturday, 1135, Blessed Sacrament. Chapel

CONFESSIONS
Daily 1115 to 1130
Saturday 1615 to 1645
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 11th grade 1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES
EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept.-May) 1930

Community orchestra annual youth concert scheduled on Sunday

The Cerro Coso College / Desert Community Orchestra will hold its annual youth concert on Sunday, starting at 3 p.m., at the college lecture center.

Two Burroughs High School students, Pamela Easley and John Gibson, will be making their final guest appearances with the local orchestra.

Gibson will perform a piano solo "Concerto for Small Hands" with the contemporary Japanese composer Koh-Ichi Hattori. Miss Easley will play a violin solo of Mozart's "1st Movement Concerto in D Major."

In addition, the Cerro Coso College / Desert Community Orchestra will present Schubert's "Symphony Number 7 in C Major" with guest artists Gibson and Miss Easley performing on the piano and violin, respectively.

Miss Easley is the daughter of Forrest Easley, who is head of the Technical Information Department's Publications Field Service Unit assigned to the Fuze and Sensors Department, and of Theresa Easley, a secretary in Code 3254.

Easley reports that his daughter, who made a European tour last summer with the American Youth Concert Group from Princeton, N.Y., will be attending the College of Notre Dame in Belmont, Calif. this fall, majoring in concert violin.

The admission charge for the youth concert will be \$1 for students and senior citizens and \$2 for general admission.

Burros baseball. . .

(Continued from Page 6)

The 1979 BHS varsity baseball team will face its stiffest test to date in a non-league game against Bakersfield High that will be played tomorrow, starting at 11 a.m., on the Burros' home field.

On Tuesday, the BHS varsity nine will host the Antelope Valley High School team from Lancaster in the Golden League opener at home at 3:30 p.m. In 1978, the Antelopes and Canyon High tied for second place in league competition. The league title was captured by Saugus High.

The remainder of the Burroughs High varsity baseball team schedule follows. All games start at 3:30 p.m. unless otherwise noted.

- March 16 — Burroughs vs. Palmdale at Palmdale; March 17 — Burroughs vs. East Bakersfield in Bakersfield, 11 a.m.; March 20 — Burroughs vs. Saugus at Burroughs; March 23 — Burroughs vs. Canyon at Canyon; March 27 — Burroughs vs. Quartz Hill at Burroughs; April 3 — Burroughs vs. Hart High at Hart; April 6 — Burroughs vs. Antelope Valley High in Lancaster; April 9-12 — Delano tournament; April 17 — Burroughs vs. Palmdale at Burroughs; April 20 — Burroughs vs. Saugus at Saugus; April 24 — Burroughs vs. Canyon at Burroughs; April 27 — Burroughs vs. Quartz Hill at Quartz Hill; and May 4 — Burroughs vs. Hart High at Hart.

Rec. Roundup. . .

(Continued from Page 6)

setting up separate divisions for men's Class A and B teams, coed Class A and B teams, and teams for women only.

A list of rules and regulations that have been adopted for the intramural volleyball season can be obtained at the Center gym.

Golf Instruction Offered
Paul Someson, golf pro at the China Lake golf course, is ready to conduct golf clinics for enlisted military personnel.

Groups of seven or more participants per class are needed. Enlisted personnel are asked to check with their leading chief in order to have an hour per week set aside for a golf clinic.

To arrange a convenient time for this instruction, or to obtain additional information, those interested should call Someson at NWC Ext. 2990.

employee in the spotlight

"When I was in the Navy, a young pilot could fly anything that wasn't nailed down . . ."

John Macidull



John C. Macidull, an aerospace engineer in NWC's Engineering Department, is really a "Jack" of all trades. He is a pilot, a real estate agent and entrepreneur, an inventor (in 1973 he invented and patented an orange picker), a farmer, (he owns a small 15 acre farm in Fallon, Nev.) an expert fisherman, an aspiring musician (piano and guitar), and a published poet.

He is also a seasoned traveler. He has seen most of Europe and the Far East, and has intermittently toured the western United States and Canada in a camper.

After graduating from the Naval Academy with a degree in aeronautical engineering in June 1967, Macidull became a Navy pilot and was assigned to Helicopter Combat Support Squadron One in San Diego. While a member of the squadron, he served two tours in the Gulf of Tonkin off Vietnam aboard the aircraft carriers USS Bon Homme Richard and USS Ranger.

During this period he flew over 500 missions in the SH3G, Sikorsky twin-jet helicopter. Five of these missions were night rescues of downed fighter pilots from the aircraft carriers he was assigned to. For his outstanding performance as a helicopter pilot, he earned four Navy Commendation Medals and a single action Air Medal, the Vietnamese Air Gallantry Cross, three Meritorious Unit Citations, four campaign ribbons and the Korean Expeditionary Medal.

Reported to NWC as Navy pilot in 1971

In August 1971, Lt. Macidull reported to China Lake for duty as a special projects test pilot at the former Naval Air Facility.

"I came to China Lake with about 800 hours of flight time," Macidull recalled. "When I left in October 1974, I had over 2,200 hours in the air."

Macidull logged many of his flight hours here as a pilot of HH-1 Bell helicopter, which was used for research work. He also flew the T-33 Lockheed Shooting Star and T-4A Skyhawk jet aircraft, the U-3 twin-engine Cessna, and the C-131 and C-117 heavy transport aircraft during his Navy tour at China Lake.

Macidull tells an interesting story of being "detained" by the Mexican Army on a return flight to China Lake from Panama where he was mapping the canal in coordination with NWC project Foggy Cloud. After several hours of dickering about the validity of his passport and so on, Macidull took off. It was the only time in his life he did so without a pre-flight check.

During his years here as a Navy pilot, he flew 14 helicopter rescue and medical evacuation missions. He was credited by the Western Rescue Center twice for saving lives due to his expertise as a helicopter pilot. On one of these missions, which occurred on Christmas Day in 1973, he rescued a man in a blinding snowstorm from the face of Mt. Whitney. The man's companion had already perished. This earned him his second Navy Air Medal.

Lt. Macidull left the Navy in 1974 and went to work for the Teledyne Ryan Aeronautical Co. in their advanced systems

department. He accepted a Civil Service position in the Naval Air Rework Facility at Alameda, Calif., in November 1977.

"When the aerospace engineer position opened up at NWC in April 1978, I jumped at the opportunity to come back to China Lake," Macidull said. "I had always liked it here and was glad to return."

About two years ago he bought a 15 acre alfalfa farm near Fallon, Nev. It wasn't producing when he purchased it, but he expects to get his first good crop of alfalfa this spring.

While working for Teledyne Ryan in San Diego, he obtained his real estate license. "I have never used my license. I just wanted to know more about real estate and felt that this would be the best way to learn," Macidull stated. However, while in San Diego, he owned and managed an apartment complex.

Member of Naval Reserve Squadron

On returning to China Lake last April, he transferred to NWC's Naval Reserve Weapon Support Squadron 0176 and occasionally pilots helicopters here.

"I hadn't flown a helicopter in about three years when Col. Andy Adams, Marine Corps Liaison Officer, and I took one up last September. I thought I had forgotten how to fly helos, but it all came back to me and I had no trouble," Macidull said. "Today is not like the period when I was on active duty. Then, a young pilot could fly anything that wasn't nailed down. Now there is the fuel shortage and the Navy has to conserve. Consequently, pilots don't get as much flight time as I did back then."

Macidull talks a lot about the flying he did at China Lake, but he found time to take extension courses from the University of Southern California. For his efforts, he earned a master's degree in public administration here in June 1974.

Sang in Annapolis Glee Club

Macidull has always been interested in music. He was a member of the Annapolis Glee Club during his days at the Naval Academy and toured all over the country with them. He has an extensive record collection of the great masters in classical music and likes nothing better than a little Mozart with dinner. He plays the piano but only for the entertainment of himself and his new bride, the former Debra Black, of Washington, D.C. She is his college sweetheart and the daughter of retired Rear Admiral and Mrs. Richard B. Black.

Before their marriage, Mrs. Macidull was the editor of "The Town Tatler" a weekly arts and theater magazine serving the Washington, D.C., area. She is also bilingual in Spanish, having attended the University of Madrid, and lived in Spain for three years.

Reflecting on his current position, Macidull says, "There are few places in the world for an engineer more exciting than a large research facility such as NWC with its own vast testing capabilities."

Promotional Opportunities

(Continued from Page 4)

tion will work with and coordinate the combined efforts of several crafts pertaining to scheduled work. **Job Relevant Criteria:** Ability to lead others in accomplishing work assignments without more than normal supervision; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment.

Air Conditioning Equipment Mechanic Helper, WG-5306-05, JD No. 159, Code 2424, (two vacancies) — Positions are located in the Electrical and HVAC Branch, HVAC Shop, Public Works Department. Duties are to assist journeyman in the installation, repair and replacement of gas fired heating equipment, refrigerated and evaporative air conditioning and ventilating equipment. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as a member of a team. (These positions have no known promotion potential above the WG-05 level).

Air Conditioning Equipment Mechanic, JD No. 397, WG-5304-10, Code 2424, (two vacancies) — Positions are in the Electrical and HVAC Branch, Public Works Department. The incumbent installs, maintains, and repairs refrigeration and air conditioning equipment and components including compressors, motors, evaporators, condensers, heaters, pumps, humidifiers, and other components in accordance with design specifications. Installs and connects control mechanisms, erects and repairs tubing and piping of refrigerant lines and connects same by brazing, silver soldering, soft soldering, and mechanical joints, connects recording and gauging devices; initiates the operation of refrigeration systems, evacuating, and charging with refrigerants; diagnoses improper operation; makes adjustments or repairs; replaces control or other component parts. Tests for leaks using various methods and equipment. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to read and interpret blueprints; ability to troubleshoot and diagnose pertinent equipment; ability to use tools and measuring instruments; ability to install, repair, or maintain pertinent equipment.

Sheet and Plate Metal Worker, WG-3801-11, JD No. 330N, Code 2424 — This is a temporary position to meet one-year assignment/promotion. This job is located in the Field Support and Utilities Branch, Range Shop, Public Works Department. Incumbent is responsible for the layout, fabrication, assembly and installation of prototypes and experimental parts and equipment made from various types of ferrous and non ferrous metal and alloys. Performs electric arc welding, oxyacetylene welding, radio graph machine cutting. **Job Relevant Criteria:** Knowledge of materials, guides, etc.; computing and trade mathematics; layout and pattern development; ability to cut materials pertinent to the trade; ability to braze, solder, spot weld and gas weld; ability to use hand and power equipment (braking, forming, fastening, etc.); reading blueprints; ability to do sheet and plate metal work without more than normal supervision.

Mobile Equipment Services, WG-5806-04, JD No. 648, Code 2472 — This job is in the Field Repair Section, Maintenance Branch, Transportation Division. Incumbent services and lubricates varied types of heavy duty equipment such as heavy trucks, tractors, dozers, scrapers, graders, mobile cranes, compressors, welders, etc. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to interpret instructions; ability to use measuring instruments, tools, equipment.

Rebuild Tire Inspector, WG-4504-07, JD No. 647, Code 2472A — This position is located in the Accessories Section, Maintenance Branch, Transportation Division. The incumbent inspects, repairs and is responsible for executing the commercial tire recap program for commercial type tires on vehicles and equipment that range from a quarter ton to 80 tons and larger. **Job Relevant Criteria:** Ability to inspect; work practices; ability to interpret instructions, specifications, etc.; knowledge of materials; dexterity and safety.

File applications for the above with Lucy Lambert, Bldg. 34, Rm. 210, Ph. 2032.
Mechanical Engineer, GS-830-9/12, (3 vacancies), PD No. 745948-1 & 2, Code 3271 — These positions are located in the Structured Systems Branch, Propulsion Systems Division, Ordnance Systems Department. The incumbent performs analytical and experimental structural tasks to

determine structural adequacy of weapons. These tasks include evaluation of mechanical and thermal environment (acceleration, vibration, and shock); structural analysis (rigidity and time dependent mass properties); stress analysis, materials optimizations studies; developing requirements; and tests to support analyses. **Job Relevant Criteria:** Knowledge of analytical structural model preparation techniques; ability to use computer methods in structural analysis; ability to conduct experimental structural test; skill in recognizing potential structural problem areas within a system; ability to communicate effectively, both orally and in writing.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Electronics Engineer, GS-855-12, PD No. 7935032E, Code 35043 — This position is located in the System Engineering Group, HARM / Standard ARM Technical Management Office. An incumbent will be responsible for the HARM AN / APR-38 which involves integration of the HARM Weapons System with the Air Force F-4G. The AN / APR-38 is an existing EW avionics system which perform function of identification, acquisition, and handoff to the HARM missile. An incumbent will also be responsible for the integration of the HARM Weapon System with the AN / ALQ-119 and the AN / ALQ-131 which are Air Force active electronic countermeasure systems on the F-4G. **Job Relevant Criteria:** Knowledge of avionics systems design and its integration with various aircraft, ability to meet and deal effectively with contractors and a variety of government personnel.

Accounting Technician, GS-525-3/4, PD Nos. 7608002 / 770865, Code 0866 — This is a trainee position located in the Travel Branch, Financial Operations Division of the Office of Finance and Management. He/she codes and processes documents, files and maintains files of paid documents, posts entries on reconciliation sheets, and assists in monitoring control log of transactions. **Job Relevant Criteria:** Ability to work with figures, ability to perform routine clerical duties, ability to maintain a high level of accuracy in work requiring close attention to detail. Potential to GS-5. Status eligible accepted.

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

The Rocketeer

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China Lake, California
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NWC Commander
R. M. Hillier
Technical Director
Dr. Robert H. Pearson
Head
Technical Information Department
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Recreation Roundup

Commander's Cup golf tournament plans announced

The annual Commander's Cup golf tournament staged by the China Lake Men's Golf Club has been scheduled on Saturday, and Sunday, March 17-18, at the China Lake golf course.

This is an individual medal play tourney within flights that will be determined by each golfer's handicap. The deadline for entries is next Wednesday, March 14.

Golfers interested in competing in this 36-hole event can sign up at the golf course or contact Phil Sprankle by calling NWC Ext. 3203. After working hours, Sprankle can be contacted by phoning 446-4326.

Swim Class for Children

Registration is now being taken in the office at the Center gym for a tiny tots' swimming class that will be held on Tuesdays, starting March 13, and continue for six weeks through April 17.

The instructor is Adrienne Swinford and the class will begin each Tuesday at 9:30 a.m. It is open to youngsters from 4 months to 4 years of age who must be accompanied in the water by an adult or responsible guardian.

There is a registration fee of \$6 per child, which can be paid at the gym office.

Another session of this same class (the final one until September) has been scheduled May 1 through June 5.

Additional information can be obtained by calling the gym office at NWC Ext. 2334 or 2571.

Intramural Volleyball

Coaches or managers of teams interested in entering the spring season Intramural Volleyball League competition must turn in their team rosters no later than Monday at the Center gym office.

Intramural league volleyball is scheduled to begin on March 20 and plans call for

(Continued on Page 7)

Volleyball teams to vie in Admiral's Cup competition

Next event on the Admiral's Cup schedule of athletic competition will be volleyball matches that are to be played on Tuesday, Wednesday and Thursday, March 13-15, at the Center gym. The first game will start at 6 o'clock each night.

Each team will be permitted to have an unlimited number of players and free substitutions will be allowed for the six players at a time who are allowed on the court.

The first team to score 15 points will win the game, and the match will go to the team which wins two out of three games.

A matchup between NWC Blue (Code 621) and NWC Gold will get the tournament under way on Tuesday night, and it will be NWC Gold vs. VX-5 on Wednesday night. Teams representing NWC Blue and VX-5 will tangle on Thursday night.

Prospective players are asked to contact the following persons: Roy Tefft, of NWC Blue, ph. NWC Ext. 5496; Pete Whipple of NWC Gold, ph. NWC Ext. 3314; and Rick Booth, of VX-5, ph. NWC Ext. 5248.

First, second and third places in the volleyball competition are worth 5, 3 and 1 points, respectively, in the Admiral's Cup standings. At the present time, NWC Blue is in the lead with 30 points, VX-5 has 22, and NWC Gold is trailing with 20.



SIGN OF SPRING — Tennis lessons taught by Fred Hagist, who stays young by keeping active in this popular sport, are currently being offered on Tuesdays and Thursdays from 10 to 11 a.m. and 5 to 6 p.m., as well as on Wednesdays from 5 to 6 p.m. Students in Hagist's Tuesday morning class observe as he demonstrates the proper grip on the tennis racket handle. They are (l.-r.) Gale Shacklett, Shirley Briley and Beverly Wood. — Photo by Randy Eady

Burros baseball coach assesses varsity prospects for '79 season

Start of the 1979 Golden League baseball season is just around the corner for the Burroughs High School varsity baseball team.

The Burros, coached by Ed Schwartz, are strong defensively — having a veteran infield built around Frank Mayer, Jim Peck and Randy Radcliff, all of whom are back for their third year of varsity ball.

Mayer plays second base or in the outfield, while Peck will be seeing action this season at second or third base, as well as in the outfield, and Radcliff is the shortstop.

Non-League Foes Defeated

Although the Burros have non-league victories by scores of 4-3 and 15-0 in a doubleheader with Kern Valley High School and a 15-1 rout of Bishop High, Coach Schwartz feels that his players haven't yet faced the caliber of pitching that can be expected in Golden League play.

Consequently, he's concerned about improvement in the overall hitting strength of his squad, and hopes for better pitching as well.

Terry Gaunt, a returnee from the 1978 varsity nine, gave up just three hits, struck out five and walked none during a 4-inning stint on the mound in the Burros' lopsided win at Bishop. He was relieved in the fifth frame by Greg Bell, a hurler on last year's jayvee team, who faced just 10 batters, struck out four, and walked one.

Other players available for possible mound duty are Kevin Kummerman, who has just turned in his basketball uniform for the season, and Scott Anderson, a jayvee player last year, who also has played at third base and in the outfield.

Dave Cane, another returning player, is the first string catcher. He is backed up by

Little League calls for signups, tryouts

Signups and tryouts for the China Lake Little League Major/Minor Division for players 9 to 12 years of age will be held at Diamond 4 starting at 9 a.m. on the next three Saturdays — March 10, 17, and 24.

In addition, players in the Farm / T-Ball division can also sign up on these dates for tryouts that will be held on March 31 and April 7. Players in this division must be 7 years of age by July 31, 1979.

A voluntary donation of \$15 per player or \$25 per family is requested to offset the cost of uniforms and equipment.

Further information on the Little League program can be obtained by calling Henry Blecha, at 446-2346, or Dan Vander Werf, at 446-3641, after working hours.

Mark Hucek, a reserve who also may be used in the outfield.

Around the infield, the likely starters, in addition to those already mentioned, are Bill Bradberry, first base, and Dennis Ikenoyama, at third base. Another starter is Mike Stone in right field, while Mark Stephens and Dave Kaupp are other prospective outfielders.

Others on Team Roster

Rounding out the team's roster are Jeff Breden, a third baseman, and Mike Waters, an outfielder, both of whom played on the jayvee team last year; and a pair of prospective first basemen. They are Larry Gulick, a senior, and Mike Wirtz, a junior who just completed a standout season for the Burros' Golden League champion varsity basketball team. Wirtz played baseball as a freshman but not during his sophomore year.

(Continued on Page 7)

Two teams now tied for first place in Premier League

A hot hand by the Ace Realty keglers, who knocked off the Elks Lodge team two games to one, produced a two-way tie for first place in the Premier League during Monday night's action at Hall Memorial Lanes.

The Ace Realty bowlers garnered high team game and high team series honors with scores of 1,020 and 2,884, respectively, as they jumped on the league leaders.

This turn of events enabled Fisher Plastering, winners two games to one over the Hustlers, to grab a share of the league lead.

Thad Brightwell was the outstanding individual bowler for the night as he rolled a 642 series that included a high single game score of 258. Just one other Premier League bowler, Aaron Kane, was over the 600 series mark and he had a 625.

In addition to Brightwell, other Premier League bowlers who had single game scores in excess of 220 were Kane (232 and 232), John Salyers (223), and Doc Blue (222).

Current standings in the Premier League are:

Team	Won	Lost
Fisher Plastering	41	31
Elks Lodge	41	31
Hideaway	40	32
Raytheon Sidewinders	39	33
Saddleback Tackle	37	35
Ace Realty	36½	35½
Parlow Construction	32	40
The Place	32	40
Western Columbia	31½	40½
ERI Hustlers	29	43

Deadline announced for youth soccer league registration

Registration is continuing at the Youth Center for boys and girls in the first through eighth grades who are interested in participating in the spring season of soccer league competition.

Prospective players who did not take part in the soccer program last fall and winter may register from now until March 17 at the Youth Center, which is open Tuesday through Friday from 2 to 5 and 6 to 9 p.m., and on Saturdays from 9 a.m. to 5 p.m.

In order to be eligible to play soccer, youngsters who are the dependents of Naval Weapons Center employees must join the Youth Center by paying a \$6 annual membership fee, and there also is an additional charge of \$2 per player for the soccer program.

In the case of local area youths in grades one through eight who are not dependents of NWC employees, there is a \$6 fee to register for the coming season of soccer competition. Such young people will be issued a gate pass that will permit them to attend practice sessions and league games.

Youngsters who played on Youth Center Soccer League teams this past fall do not have to register, since they will be contacted by their coaches to determine if they wish to take part in the soccer program during the spring.

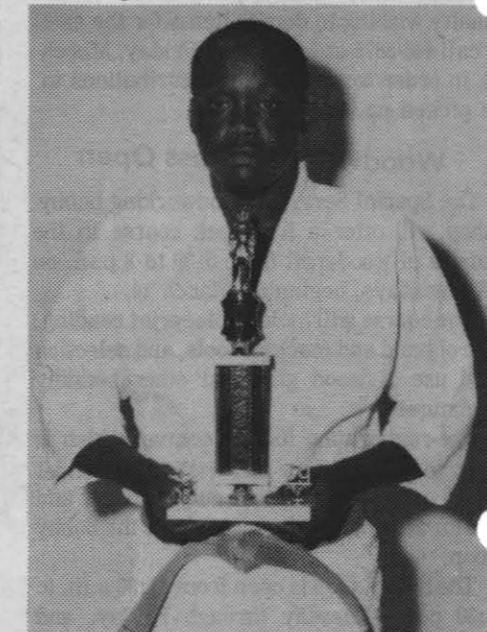
Tryout sessions for new players have been scheduled at Davidove Field on Wednesday, March 14, starting at 5 p.m., and on Saturday, March 17, starting at 9 a.m. Attendance at one of the tryout sessions is mandatory for new players in order for them to be placed on a team.

Finley wins second place trophy in 11th ND judo competition

Carlton Finley, assistant supervisor of the trouble shooting branch on the Hot Line at the air field, returned home Sunday night with a second place trophy for his efforts in the 11th Naval District's championship judo competition.

Finley, who competed in the 172 lb. weight bracket, won three of the four matches in which he was entered. All of his victories were by what is referred to in judo terminology as "clean throws." There were seven other entrants in this same weight class.

His interest in judo began in 1977 while he was assigned to Misawa Air Force base in

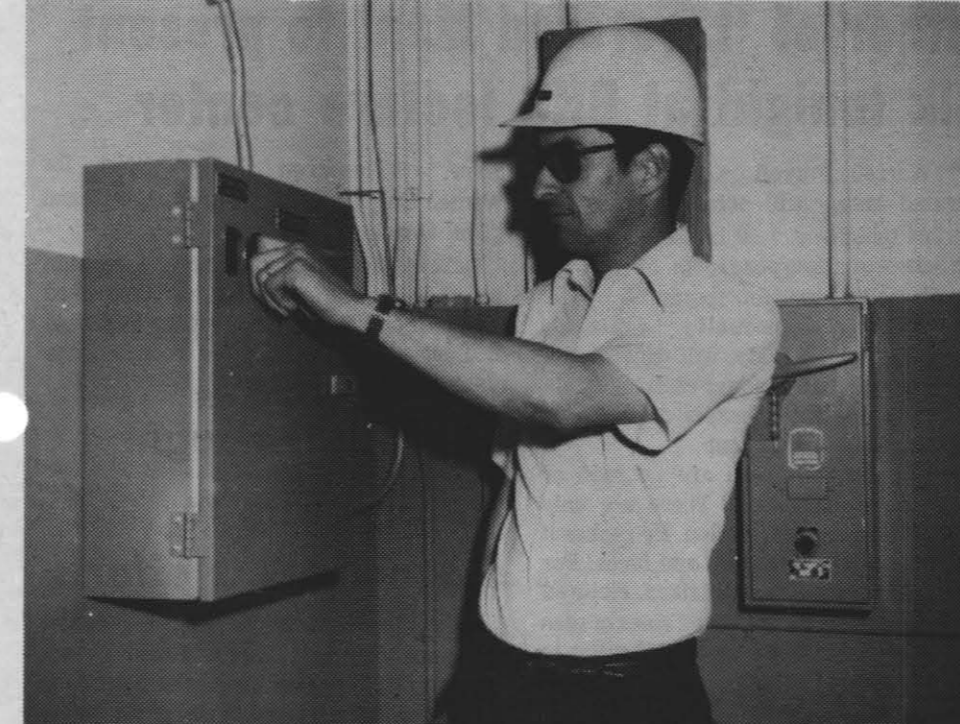


Carlton Finley

Japan. He reported for duty here with the Naval Weapons Center's Aircraft Department last September.

Wardell Barker, another enlisted man from the air field, also represented NWC at the 11th Naval District judo competition. He was entered in the 156 lb. weight bracket and like Finley, was placed in the beginners' division.

Despite having had only three weeks of judo training, Barker placed third based on a point scale elimination method of judging.



AUTOMATIC TIMERS INSTALLED — Mike Ashton, a mechanical engineer who is responsible for the night temperature setback program that is being inaugurated to control the heating of buildings after working hours, checks one of the automatic timing devices in the Public Works Department's Heavy Duty Shop. This is a part of the Center's energy conservation program.

Paper to be presented on effects of rocket exhaust on military hardware

"I think we are all awed by the obvious power displayed by the sight and sound of rocket motor exhaust plumes; after all, that is what made the manned spacecraft launches so spectacular," says Andrew Victor, a physicist in the Ordnance Development Department's Advanced Technology Division.

"Yet, until recently," Victor adds, "or except in the aftermath of obvious disasters, the exhausts of rocket motors have received relatively little attention regarding their potential implications on the design and use of military hardware."

Victor, who is currently chairman of the JANNAF (Joint Army, Navy, NASA, Air Force) Plume Technology Subcommittee, has been involved in the study of various aspects of rocket exhaust effects on military operations since 1964. In the next three months he will present seven technical papers at national and international meetings on various aspects of rocket exhaust plume technology.

Fast Presentation Slated

Victor hopes that his paper titled "Effects of Rocket Exhausts on Survivability and Effectiveness" will reach a concerned audience which can put it to practical use following its presentation in Panama City, Fla., at the Fourth Vulnerability Survivability Symposium, sponsored by the American Defense Preparedness Association on March 14 and 15.

"It is important to spread the message that rocket exhausts can endanger successful operation of missiles and other nearby equipment. In the past, missile failures caused by plume attenuation of RF guidance signals have sometimes required complete redesign of the offending rocket

Employee benefits to be topic at FEW lunch meeting Tues.

Nancy Cleland, an employee relations specialist in the Naval Weapons Center's Personnel Department, will be the guest speaker at a brown bag lunch meeting scheduled Tuesday by the Indian Wells Valley Chapter of Federally Employed Women (FEW).

During the meeting, which is to be held from 11:30 a.m. to 12:30 p.m. in the Sidewinder Room of the Community Center, Ms. Cleland will discuss employee benefits.

Topics to be covered will include health and life insurance benefits, such as types of plans available, eligibility, costs and what happens to the coverage on retirement. Also to be included are proposed changes to retirement benefits and how the changes will affect the employee.

motor, and even major modifications to the guidance equipment," Victor noted.

"The blast effects of rocket motors, in addition to the obvious damage they can cause to ship and aircraft surfaces and structures, have also been responsible for jet engine flameout in the launch aircraft," he points out.

"The radiation emitted by the exhaust plume or scattered by smoky plume contrails increases the detectability of a missile and may lead to failure of its mission," it was also added.

"Too often," Victor concluded, "missile development programs are started without awareness of potential plume problems. The situation is improving and I hope that this paper will reach an audience which can put it to good use," he said.

VX-5 praised for part in weapons show. . .

(Continued from Page 1)

optically tracked and wire guided.

Pilots from VX-5 taking part in the demonstration were LCDr. Robert Nordham, Lt. David V. Park, Lt. J. D. Janiec, and Ltjg Richard H. Graves. They flew the squadron's A7 Corsair jet aircraft during the PGM demonstration.

In a message to VX-5 after the demonstration, VAdm. Emerson stated, "The Navy's portion was highly successful and received numerous accolades. The image created will be beneficial to the Navy in many ways for years to come. The success

enjoyed is directly attributable to the superb professional performance of VX-5. You continue to excel and the record you have established is one of which you can be extremely proud."

VAdm. Emerson closed the message by giving his "sincere thanks for a super show."

Among the VIPs at the PGM demonstration were Dr. William Perry, Under Secretary of Defense for Research and Engineering; New Mexico Senator Pete Domenici; Bill Wordham from ABC-TV; Ike Pappas from CBS-TV; and a host of local press representatives.



STRIKING RESULT — The Walleye television-guided missile successfully strikes its target at the Army's White Sands Missile Range in New Mexico, after being launched from an Air Test and Evaluation Squadron Five A7 Corsair jet aircraft during a precision guided munitions (PGM) demonstration.

CEC/Seabee anniversary ball set at Elks Lodge on Saturday night

Approximately 125 Civil Engineer Corps (CEC) officers, Seabee Reserves and their guests are expected to attend an anniversary ball commemorating the 112th

Energy-saving measure: timeclocks installed on heater thermostats

One of a number of steps which already have been taken or are being planned as part of a vigorous and effective energy conservation program at the Naval Weapons Center is the installation of mechanical timeclocks that will automatically adjust thermostats in order to control heating inside a large number of buildings on the Center — 88 in all.

This project is one that has been initiated primarily in an effort to reduce the consumption of natural gas used for heating purposes. Once it is fully operational, it is anticipated that there will be a savings of approximately \$70,000 per year after the outfit for the equipment and its installation has been recovered.

A contract in the amount of \$178,132 was awarded to W. H. Kruger, of Fresno, Calif., for this work, which is scheduled for completion in mid-April.

The automatic timers, which are being set at a lower limit of 56 degrees, will shut off heat in a building from about 4:30 p.m. to 6 a.m. on working days, and around the clock on weekends. In some buildings, there is a by-pass timer which can be hand set as needed to provide up to two hours of heating per session for the benefit of employees who return to work after 4:30 p.m. or on the weekends.

The automatic timers will be locked and set at between 65 and 68 degrees maximum temperature.

The savings which are expected to result from the automatic thermostat night setback program will result in repaying the cost of the equipment and its installation in less than 2½ years.

birthday of CEC and 37th of the Seabees at the Elks Lodge in Ridgecrest tomorrow night.

The annual CEC/Seabee anniversary ball will begin with a social hour at 6:30 to be followed by a prime rib dinner at 7:30. Guests of honor for the event will include Rear Admiral William L. Harris, NWC Commander, and Mrs. Harris; Bob Hillyer, NWC Technical Director, and Mrs. Hillyer; and Mayor Don Chieze and Mrs. Chieze.

Also present as "King Bee" will be Capt. Thomas Maddock, chief staff officer of Reserve Naval Construction Force (RNCV) in Kansas City, Mo.

Capt. Maddock is a former commanding officer of Reserve Naval Construction Battalion 17 (RNCB-17) at Port Hueneme, Calif., and former Commanding Officer of the 1st Reserve Regiment at Los Alamitos, Calif. He has been on the staff of the Commander, Reserve Naval Construction Force headquartered in Kansas City for the past six years.

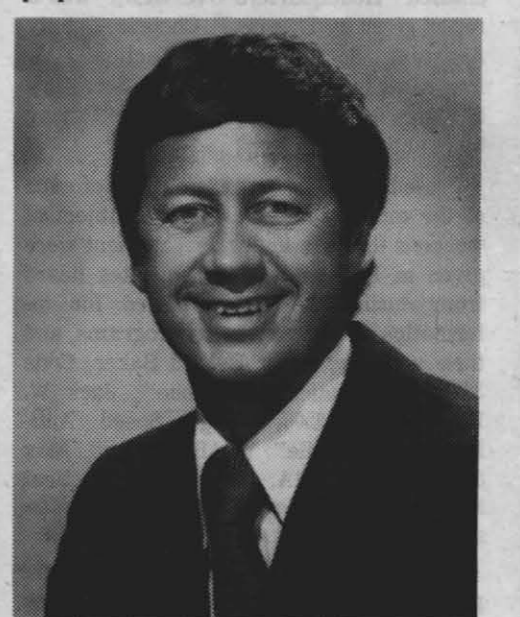
In civilian life, Capt. Maddock is president and chief executive officer of Boyle Engineering Co. at Newport Beach, Calif.

During ceremonies at the ball, the selection of the Seabee Reservist of the Year from RNCB-17, Detachment 0217 (Det 0217) at China Lake will be announced.

In addition, EOCA Frank Lodes and SWC Nathaniel Davis, the youngest and oldest Seabees Reserves, respectively, will be introduced and will officiate at a cake cutting ceremony. The evening will be rounded out by disco dancing to recorded music provided by Bill Coy.

Harry Parode, former NWC Public Affairs Officer, will be the master of ceremonies for the ball, which is the major CEC/Seabee Reserve social event of the year.

Military personnel in attendance will wear dinner dress blue or service dress blue uniforms, while others will wear appropriate civilian attire.



Duane L. Georgeson

Aqueduct engineer to discuss water needs at meeting March 14

"Owens Valley and Southern California Water Needs" will be discussed by Duane L. Georgeson, chief engineer for the Los Angeles Aqueduct Division of the Department of Water and Power, at an open meeting scheduled in the Burroughs High School lecture center on Wednesday, March 14, at 7:30 p.m.

The meeting is sponsored jointly by the High Desert Engineering Association and East Kern County Chapter of the American Society for Public Administration.

Georgeson has served in positions of increasing responsibility with the DWP since he joined it in 1959, and has been in his present job since 1972. He lived and worked in the Owens Valley for four years while serving as northern district engineer for the Aqueduct Division.



EXPERTS ON SENSORS AND SEEKERS — Sterling Haaland, Guidance and Control Technology Manager for Strike Warfare in the NWC Weapons Department, was involved with a number of other Center employees in presenting information on air-to-surface weapon sensors and seekers. Haaland (front row, in center) was the sub-session chairman. He is standing between Joe Kovar (on right), another NWC employee, and Charles Jennings. The latter, like Carlton Cash (standing behind Jennings) is from the Army Missile Research and Development Command, Huntsville, Ala. Others in the back row are (l.-r.) Andrew Harball of NWC, Maj. Amer Chad, from Eglin Air Force Base, and Robert Corzine, head of the RF Development Division in the NWC Electronic Warfare Department.

Weapons Technology Review . . .

(Continued from Page 1)

"Current Operational Capability and Employment," one of the speakers was Lt. Mike Vogt, of Air Test and Evaluation Squadron Five (VX-5), who discussed "Tactical Considerations for War-at-Sea Strikes."

Among highlights of the third session, entitled "Headquarters Overview," was a report given by Thomas P. Christie, Deputy Assistant Secretary for Tactical Air Programs from the Office of the Secretary of Defense. Christie's topic was "Paying More and Buying Less."

Presentations by representatives of each of the military services on the subject of weapons that are under development were given in Session No. 4. Centerites heard from during the time allotted for information on Navy weapons programs, and their subjects, were: Roland Baker, Code 3606, "Air-Launched Harpoon"; Jack W. Eyer, Code 3506, "High Speed Anti-Radiation Missile" (HARM); and Max Smith, Code 3904A, "Supersonic Tactical Missile/Medium Range Air-to-Surface Missile."

Each of the earlier sessions were the prelude to the fifth and final one, which took up 1½ days of the 3-day program and dealt with a look into "Technology Possibilities." More China Lakers contributed to this portion of the Air-to-Surface Weapons Technology Review than to any other part of it.

The local participants, and their subjects, were Dale Knutsen, Code 3904, "Weapon System Technology Projections"; Bobby Connor, Code 3512, "Defense Suppression Targeting Priorities"; Dr. Lonnie Wilson, Code 3158, "Ship Target Classification"; Sterling Haaland, Code 39501, chairman, sub-session on "Sensors and Seekers"; Robert Corzine, Code 352, "Defense Suppression Seeker Technology"; and M. Andrew Harball, Code 3544, "Squint Mode Seeker."

Other China Lake employees heard from during the session on "Technology Possibilities" were: Joseph Kovar, Code 3153, "Harpoon Imaging IR Seeker"; Ted Holterman, Code 3141, "Sonic Gyro: Low-Cost Midcourse Guidance"; Ken Markel, Code 3621, "Laser Gyro"; Lee Gilbert, Code 3205, chairman, sub-session on "Propulsion, Aerodynamics and Structures"; Duane

Williams, Code 324, "Future Navy Propulsion and Airframe Technology"; Paul Cordle, Code 3201, chairman, sub-session on "Ordnance"; Matt Anderson, Code 335, "Surface Target Fuzing"; and Burt Galloway, Code 3171, "Kinetic Energy Warhead Anti-Ship Effectiveness."

During a banquet held on Wednesday night, Feb. 28, NWC plaques were presented by RAdm. Harris to the chairmen of each of the main sessions. The recipients were Lt. Gen. Harold R. Aaron, U.S. Army (Ret.); Rear Admiral Jack F. O'Hara, from the Office of the Chief of Naval Operations; Brigadier General Donald L. Lamberson, from the Armament Development and Test Center at Eglin Air Force Base in Florida; and Dr. Robert Heaston, from U.S. Army Headquarters in the Pentagon.

The program during the banquet at the Commissioned Officers' Mess also included a film-slide presentation by Tilly Barling, head of NWC's Natural Resources Management Office, who showed color photos of the flora and fauna of the local desert area and spoke briefly about the history and geography of the Indian Wells Valley and nearby points of interest.



SESSION CHAIRMAN — Brigadier General Donald L. Lamberson served as chairman of a session on "Developmental Systems." He is the Deputy Commander for Development and Acquisition, Armament Development and Test Center, Eglin Air Force Base, Florida.

Author of 'Liberated Man' to present talk tonight at BHS lecture center

Dr. Warren Farrell, author of "The Liberated Man," will present a five-part program tonight at 7:30 in the Burroughs High School multipurpose room.

Dr. Farrell's program, sponsored by the Cerro Coso Community College's Associated Student Body, will consist of a lecture, question and answer exchange, role reversing data, men's beauty contest, and consciousness-raising group.

For Dr. Farrell, there are no men or women, no young or old. There are only people. People are his passion. He makes it a point to remember names and faces. For the past four years, he has talked, lectured and written about the changing roles of men and women, traveling over 200,000 miles to speak on men's liberation and conducting consciousness raising groups.

But, he is advocating much more than men's liberation. He is advocating men and women who see themselves as people first.

Dr. Farrell's background is diverse. He has been involved in business, education, administration, academic and government communities. He has taught at Rutgers, Georgetown, and American Universities. He was named as one of the country's outstanding young educators by President Lyndon Johnson. He is the only man to be elected three times to the board of directors of the National Organization of Women.

In addition, he has appeared on numerous television shows, including the "Today

Public Works begins servicing air coolers

With spring approaching — summer can't be far behind.

With that in mind, air conditioning mechanics from the Public Works Department's Electrical/Plumbing Branch have already started the job of servicing evaporative coolers in China Lake housing areas.

This is a task that requires entry into all homes in order that thermostats can be checked. Permission to enter homes will be assumed unless tenants make other arrangements by calling NWC Ext. 2542.

Promotional Opportunities. . .

(Continued from Page 2)

and assessment techniques; knowledge of ordnance safety procedures.

File applications for the above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 2377.

Electronic Engineer, GS-855-11/12, PD No. 7933088E, Code 3337 — Applications will be accepted from status eligibles. This position is located in the Short-Range Missile Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. Incumbent will design and develop electronic components and circuits for target detecting (TD) systems, design electronic equipment or test sets to test TDs and associated items, will perform field and laboratory tests, and evaluate production and circuit design changes. **Job Relevant Criteria:** Ability to work well with others; knowledge of production support activities; knowledge of microwave, optical, digital and analog fields.

Electronic Engineer, GS-855-7/9/11/12, PD No. 7933021E, Code 3331 — Applications will be accepted from status eligibles. This position is located in the Surface Approach Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. Incumbent will design and develop electronic systems and circuits for proximity fuzes, designs and develops fuze test instrumentation and equipment, organizes and conducts laboratory and field technical evaluations. **Job Relevant Criteria:** Ability to design, develop, test and analyze electronic components and circuits; knowledge of fuzing principles; ability to work well with others.

Secretary (Typing), GS-518-5, PD No. 7250045N, Code 333 — Applications will be accepted from status eligibles. Incumbent is secretary to the head, Fuze Systems Division, Fuze and Sensors Department. Composes and reviews correspondence, screens and refers callers, sets up and maintains files, compiles data and emphasizes significant aspects for review by supervisor, maintains supervisors calendar, makes travel arrangements, schedules and organizes conferences, etc. **Job Relevant Criteria:** Knowledge of NWC organization and policy; ability to deal tactfully with people; ability to type with speed and accuracy; ability to perform a wide variety of secretarial functions.

Clerk-Typist, GS-322-3/4, Supply Clerk, GS-2065-4, PD Nos. 782508N/7825011N, Code 25751 (3 vacancies) — Applications will be accepted from status eligibles. This position is located in the Document Control Section, Receipt Control Branch, Control Division, Supply Department. Incumbent will screen, count and separate all invoices; will prepare Invoice Discrepancy Notices and return invoice to vendor when it cannot be matched to an order; will compute discounts on discount invoices and tag for expeditious handling. Will also perform timekeeping and mail related and distribution for the branch. **Job Relevant Criteria:** For Clerk-Typist — ability to type accurately and efficiently; ability to comprehend a

variety of documents to be identified categorized and distributed. For Supply Clerk — ability to understand and retain numerous instructions as to processing different documents; knowledge of Supply functions and procedures; ability to comprehend a variety of documents to be identified, categorized and distributed. Promotion potential: Supply Clerk GS-5.

Supply Clerk, GS-2065-4, PD No. 7925004-1N, Code 25752 — Applications will be accepted from status eligibles. This position is located in the Receipt Matching Section, Receipt Control Branch, Control Division, Supply Department. Incumbent matches order documents and material; follows up on orders where the delivery date has passed; determines status of procurements and advises customers; expedites delivery of material in accordance with purchase regulations. **Job Relevant Criteria:** Knowledge of purchase documents and practices; knowledge of voucher examination methods and regulations; knowledge of Supply Department (NWC) functions and procedures; ability to expedite and follow-up on material requests. Promotion potential: GS-2065-5.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2371.

Supervisory Computer Systems Analyst, GS-334-12, PD No. 7926004, Code 26 — Located in the Administrative Division, Public Works Department, incumbent is head, Data Processing Branch and Senior Data Systems Analyst. Incumbent provides leadership to and overall planning, directions and implementation for the development of an integrated data base upon which to implement data processing service for the Public Works Department. Provides supervision, instructions, one systems analyst, and two data transcribers. **Job Relevant Criteria:** Ability to adapt functions and operations to data processing programs; ability to deal with all levels within one organization; ability to supervise.

Pipefitter, WG-4204-06, JD No. 339, Code 24415 — This position is located in the Pipe Shop. The incumbent works directly under the supervision of a journeyman pipefitter performing all the duties of a pipefitter and some of the duties of a plumber. Installs pipe, fittings, and fixtures to construct or maintain piping systems such as steam heating, steam power, high pressure air, etc. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; instructions, specifications, blueprints, etc.; measurement and layout; materials, tools and equipment; troubleshooting; technical practices.

Electrician (High Voltage) Leader, WL-2810-10, JD No. 650, Code 24422 — This is a temporary-not-to-exceed one year position. The incumbent will work directly with and lead 3 to 10 journeymen and/or helpers in the areas of repairing and installing protective devices, substations, security alarms, and intercom systems. On occurrence of an emergency, the incumbent will be required to respond to the site. **Job Relevant Criteria:** Ability to type accurately and efficiently; ability to comprehend a

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NEW WAREHOUSE OPENS — Carol Peebles and Frank Williams of the Public Works Department (Code 26421) draw plumbing supplies from Warehouse 11 (Bldg. 992) in the Public Works compound, while Supply Department warehouseman Michael Kinkennon (right) fills out the proper forms. Plumbing, electrical and general hardware was recently moved to the PW compound from Warehouse 10, because Public Works is the prime user of these types of material. Other users can obtain these materials either by calling Telmart Services NWC Ext. 3571 or by going to Bldg. 992. Private vehicles are not allowed inside the compound, but it is only a short distance to walk from the parking lot outside the compound to Bldg. 992. — Photo by Ron Allen

Deadline extended to receive nominations for EEO awards

In an effort to allow broader participation in the Equal Employment Opportunity (EEO) awards, the deadline for nominations has been extended until close of business on Friday, March 23.

Criteria for each award category is as follows:

(1) Supervisors at all levels of supervision and management who clearly excel in

promoting EEO within their organization. This might be accomplished by motivating employees through direct encouragement and assistance to develop their full potential and utilize their skills to the maximum extent, by achieving effective employee utilization, and demonstrating sensitive treatment to all employees.

(2) Persons within program projects or activities with EEO implications. This category includes persons whose work is not specifically EEO, but who, through superior accomplishments in training, recruiting, or other activities, advance equal opportunity.

(3) EEO program leaders who have specific responsibilities for equal employment opportunity within the Federal government such as EEO officers, EEO counselors, or Federal Women's Program assistants.

Nominations should include a written description of the accomplishments in EEO supporting the award. Each nomination should be forwarded via the appropriate department and the Employee Management Relations Division (Code 091) to the Center's Deputy EEO Officer (Code 0080).

The awards will be presented by Rear Admiral William Harris, Naval Weapons Center Commander, at an awards luncheon to be held in May.

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RAdm. Harris honored . . .

(Continued from Page 1)

operations, which often are augmented by the use of a Navy helicopter.

Furthermore, Center police and fire fighting personnel provide support at a heliport site adjacent to the Ridgcrest Community Hospital when injured persons are brought in by air for treatment. First aid support is available at the heliport should it be necessary as a prelude to transporting accident victims to the hospital.

The Center routinely provides fire fighting support, as requested, to fire departments in adjoining communities. Law enforcement aid also is provided in emergency situations when requested.

Under RAdm. Harris' management, the Center has consistently endorsed requests from adjacent communities for the loan of facilities and equipment in support of local requirements. Recently the City of Ridgcrest requested the use of training facilities and video tape equipment for the purpose of conducting assessment centers in screening candidates for the positions of city administrator and chief of police.

This screening and selection process was successful as a result of the Center's facility and equipment support.

While RAdm. Harris has been the NWC Commander, the Center has strengthened its program for the management of the natural and cultural resources located on lands under the Center's jurisdiction. A cooperative program has been developed with federal and state agencies for the

WACOM schedules spring fashion show at lunch on Tuesday

The Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will hold its annual spring "Rainbow of Fashion" show at the COM on Tuesday.

The event will begin with a social hour at 11 a.m. A lunch and the fashion show will follow at 11:45. It will be presented by Maureen Toffner, WACOM fashion coordinator, with Patsy Egen, club president, serving as the commentator.

Chicken and beef kabob with assorted vegetables will be on the luncheon menu at the COM.

WACOM members who have not already made their reservations should contact Shirley Sutton by calling 375-9179 as soon as possible.

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conservation and management of wildlife, and a Natural Resources Management Office develops and administers programs for management and conservation of flora, fauna, historical and archeological resources.

In the area of public relations, RAdm. Harris participates annually in business outlook conferences in surrounding communities. The purpose of these meetings is to share information on major questions confronting the economy and provide expert commentary on economic prospects for the current year and beyond.

These conferences have helped the Center to promote better communication with an interested and supportive public.

In addition, RAdm. Harris has provided strong support for the EEO Program at the Center. Under his leadership, the total EEO Program has been reinforced through personal contacts in the community. These contacts have resulted in increased communication between NWC, minority communities, and women.

Through a School Visitation Program, the Center provides information to minority students and women on employment opportunities in technical and scientific areas. The recruitment program has been expanded to assure that minorities and women become aware of employment opportunities at NWC. The School Visitation Program is coordinated by the Professional Recruitment Office, which sends Center representatives to nearby communities to advise people of employment opportunities, including summer employment.

The Center has additionally increased its participation in minority community activities such as conventions, seminars, and special interest program activities, and the EEO staff has been encouraged to coordinate these various activities with the outside community in order to strengthen their total impact.

Volunteers sought to serve as EEO program trainers

The Equal Employment Opportunity (EEO) Office is looking for volunteers to work as EEO trainers.

Trainers are assigned to the EEO staff on a collateral duty basis. After training and orientation, they conduct workshops for supervisors, EEO staff and interested employees based on a variety of available training modules.

Training modules include films, games, film slides and view graph presentations, and cover a variety of EEO areas from the complaint process to affirmative action and from supervisory practices to recruiting efforts.

Considerable discretion is allowed in structuring the workshops once the trainer had developed his or her skills. While some knowledge of EEO or some experience in instructing is desirable, it is not a prerequisite.

The EEO staff is looking for persons who communicate well, are enthusiastic and who can handle controversy with tact.

To volunteer or for more information, contact Karen Altieri or Beto Bernal by calling NWC Ext. 2348 or 2738 before the close of business on Friday, March 16.

Course in management by objectives planned

A five-day course in Management by Objectives and Results will be held from 8 a.m. to 4 p.m., March 26 and 27, and April 2, 3 and 16, at the Training Center.

The course is designed to improve the job performance of those who participate by sharpening their abilities to develop and implement more effective plans. It will be led by William Guthrie of Guthrie Associates.

Employees interested in attending must submit a training request and authorization form via proper department channels in time for it to reach Code 094 no later than Monday, March 12.



FASHION MODEL — Maureen Toffner models a machine embroidered vest and skirt made of ultra suede which she will wear for the WACOM "Sew Your Own Fashion" show at the Commissioned Officers' Mess on Tuesday.