

# 'Rave notices' received by U.S. Navy Band due here for concert March 2

"Band music is always good entertainment, and the concert given by the United States Navy Band proved to be musical entertainment at its best."

"From the opening notes of the 'National Anthem' to the last piccolo tweet of 'Anchors Aweigh,' the concert presented by the U.S. Navy Band was a sheer delight."

The foregoing are just a sample of the type of press reports published following performances given throughout the country by the U.S. Navy Band, which will be at Center theater on Friday, March 2, for a 1 p.m. youth matinee and an evening concert at 7:30.

The charge for admission will be \$1 for the youth matinee and \$4.50 for general admission and \$2.50 for enlisted military personnel and students who attend the evening concert.

This will be the second local appearance by the U.S. Navy Band. Since the band played to a full house at the Center theater two years ago, those wishing to attend the upcoming performances are urged to purchase their tickets early. They are on sale in Ridgecrest at Loewen's, the Music Man, Donna's Shirt Tales and Reagan's Hallmark Store in the Sierra Vista Shopping Center.

Arrangements for the U.S. Navy band's performance here on March 2 have been made by the Desert Community Orchestra Association, sponsors of this event, and all

proceeds above expenses will go into a Desert Community/Cerro Coso Community College scholarship fund.

A widely varied program of musical selections is planned for the evening concert on March 2 — ranging from George Gershwin's "Strike Up the Band" and "Concert for Bassoon" by Wolfgang A. Mozart to "Battle Hymn of the Republic" and Aram Khatchaturian's "Concerto in D Major" (third movement). The latter selection features pianist Ron Chiles.

In addition to its performances throughout the United States, the popularity of the Navy Band has spread abroad following invitations to appear in Germany, Puerto Rico, Bermuda, Panama, Haiti, the Virgin Islands and Canada.

The band, more than 50 members strong which is now directed by Lt. Joseph Phillips, has pioneered many aspects of military music. It was, for example, the first major service band to establish rock-



Martin Erickson tuba soloist

soul and country-bluegrass groups. Navy Band units also include a precision ceremonial band and jazz ensemble.

On tour, the band must be self-supporting. The Navy does not ask Congress for the money required to feed, house and transport this large organization while it tours the country.

For this reason, the band is sponsored by some group in each community which guarantees to pay its expenses, as the Desert Community Orchestra Association has done here.



PIANO SOLOIST — Chief Musician Ron Chiles has been the piano soloist for the U.S. Navy Band since 1976. His artistry on the keyboard was recognized in June 1978 by a personal invitation from Maestro Arthur Fiedler to be guest soloist with the Boston Pops Orchestra.



NAVY BAND CONCERT BOOSTERS — Tickets to the U.S. Navy Band concert at the Center theater on March 2 are sold to Rear Admiral William L. Harris, NWC Commander (left), and to Don Chizee, Mayor of Ridgecrest, by Carol Magorian, head of ticket sales for the Desert Community Orchestra Association.

## New law increases benefits for vets of Vietnam war era

President Jimmy Carter recently signed a law that increases benefits for Vietnam-era veterans by extending and liberalizing the Veterans' Readjustment Appointment (VRA) authority.

First established in 1970, VRA provides improved Federal job opportunities along with training or education for Vietnam-era veterans who may have difficulty getting a job because of inadequate education, skills, training or experience.

VRA also allows agencies to hire Vietnam-era veterans without competing in Civil Service examinations. If they satisfactorily complete two years of employment and training, they may be converted to career-conditional appointments.

The new law, signed on Oct. 26, 1978, makes the following changes:

Maximum grade of VRA appointment is raised from GS-5 to GS-7 or equivalent.

Authority to make VRA appointments is extended to Sept. 30, 1981.

The 3-year time limit on VRA appointments is removed. (This makes all qualified Vietnam-era veterans eligible for a VRA appointment.)

The 14-year education restriction for disabled veterans is removed.

The type of discharge required for a VRA appointment is changed from "under honorable conditions" to "other than a dishonorable discharge."

For more information on the VRA program, interested persons should call NWC Ext. 2657.

## Washington's Birthday sale scheduled at NEX

The Navy Exchange Main Retail and Annex Stores at the Naval Weapons Center will feature a special Washington's Birthday Sale for authorized patrons today and tomorrow.

Sale items will include stereo systems, shirts, jewelry, cameras, wallets and table cloths.

In addition on the same days, the Navy Exchange Service Station will have specials in the automotive section of its retail operation. The Personal Service Center next door will have specials on plants and stuffed animals.

The Food Service section will offer sandwich specials in all of its snack bars today.

All Navy Exchange activities will be closed on Monday, Feb. 19, with the exception of the Annex Store, which will be open regular hours from 11 a.m. to 7 p.m.

### 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—7:30 p.m.

**FRIDAY FEBRUARY 16**  
"KEOMA (THE AVENGER)"  
Starring Franco Nero and William Berger (87 min., rated R)

**SATURDAY FEBRUARY 17**  
"DIGBY THE WORLD'S BIGGEST DOG"  
Starring Jim Dale and Angela Douglas (89 min., rated G)  
1:30 Matinee—regular adm.  
"THE SWARM"  
Starring Michael Caine and Katherine Ross (116 min., rated PG)

**TUESDAY FEBRUARY 20**  
"INTERNATIONAL VELVET"  
Starring Tatum O'Neal and Nanette Newman (127 min., rated PG)

**WEDNESDAY FEBRUARY 21**  
"SGT. PEPPER'S LONELY HEARTS CLUB BAND"  
Starring Peter Frampton and The Bee Gees (112 min., rated PG)

**FRIDAY FEBRUARY 23**  
"DEATH SPORT"  
Starring David Carradine and Claudia Jennings (83 min., rated R)

**SATURDAY FEBRUARY 24**  
"THE AMAZING MR. BLUNDEN"  
Starring Eric Hitty and Reg Lye (87 min., rated G)  
1:30 Matinee—regular adm.  
"FOUL PLAY"  
Starring Goldie Hawn and Chevy Chase (116 min., rated PG)

U.S. Government Printing Office: 1979—No. 14

From: \_\_\_\_\_

To: \_\_\_\_\_

PLACE STAMP HERE



MS1 Mario N. Estrada

## Estrada chosen as Bluejacket of Month by NWC

Mess Management Specialist First Class Mario N. Estrada of the Enlisted Dining Facility has been singled out as the most outstanding Navyman at the Naval Weapons Center, earning him the honor of being named Bluejacket of the Month for January.

In a letter recommending MS1 Estrada for the award, Ltjg. John C. Messinger, NWC Food Services Officer, said, "MS1 Estrada has demonstrated the ability to supervise the preparation of wholesome and delightful meals for the Enlisted Dining Facility patrons."

The letter continues, "In addition, he is responsible for the cleanliness and sanitation of all food preparation spaces. His efforts have significantly contributed to the NWC Dining Facility being selected as a semi-finalist in the Navy-wide Ney Memorial Award competition."

Ltjg. Messinger said that MS1 Estrada was a superb mess management specialist who is able to catalyze his talents and experience to produce an outstanding product. "His leadership capabilities are strong with an emphasis on close personnel supervision, which results in all members of his watch producing a superior product," he declared.

Ltjg. Messinger also noted that "recent Ney Memorial Award inspectors have observed MS1 Estrada's watch and have made favorable comments on the virtually flawless food preparation techniques demonstrated." Through his contribution, MS1 Estrada and NWC has gained Navy-wide attention through the Ney Award competition.

MS1 Estrada, a native of Lingayen, province of Pangasinan, Philippines, is presently on his second tour of duty at China Lake. He served here from November 1969 to January 1971 and was assigned to the Bachelor Officers' Quarters. He returned here for duty in May 1978.

During his naval career which started in December 1960 when he enlisted in the Navy at Sangley Point, Philippines, he has served aboard the fast frigate USS Rathburne, (Continued on Page 3)

## Exodus of civilian families from China Lake continues

The exodus of civilian families from Naval Weapons Center military family housing to the community continued at a steady pace during 1978.

On Jan. 1, 1978, a total of 852 civilian families resided in Center housing. By year's end the number had dwindled to 689, a net loss of 163 families, or an average move-off rate of over 13 per month.

In the past three years, the number of civilian families residing on board the Center has been cut in half from 1,348 to a year-end 1978 total of 689.

Although the move-off rate in 1978 was down to 13 per month on the average, the move-off rate for the past five years has averaged 19 per month.

Bachelor civilian occupancy remained static during 1978 — much the same as in recent years.

The influx of personnel to China Lake has begun in connection with relocation of the National Parachute Test Range (NPTR) function from El Centro. At this time a

vanguard of four civilian families from El Centro has occupied housing on Center from the 43 families who have applied. Two bachelor civilians have relocated from El Centro to accommodations at China Lake of the 12 who have indicated a need for Center housing.

Applications are held from 15 military families who will be transferring from El Centro in coming months. No movement of military has begun, however, as orders have not been received but are expected to be issued momentarily.

The NPTR relocation is one of two significant events that will impact on the Center housing operation during 1979, the other being the imminent excessing action of 566 units of Normac and Letourneau family and bachelor housing.

At this time the occupancy of this area totals 98 civilian bachelors and military and civilian families, and guidance from the Chief of Naval Operations directs that all living quarters must be vacant prior to

turnover to the General Services Administration for disposal. Many current occupants have begun to plan for relocation to other Center housing or into the local community.

Relocation action is being planned by the NWC Housing Office at this time and an announcement will be made in the very near future.

Work on the annual Military Family Housing Requirements Survey has just started with a 100 percent questionnaire survey of all military members stationed at the Center who are entitled to a basic allowance for quarters at the dependents' rate.

Replies to the questionnaires and other input documents will be mailed for computer processing and the results will be received back at the Center in mid-summer. These results will document the long-term military family housing needs of the Center and will materially assist in making future housing disposal decisions.



# nwc rocketeer

Naval Weapons Center  
China Lake  
California

February 16, 1979

Vol. XXXIV, No. 7

## Banquet at Enlisted Mess highlights local Black History Week observance, Feb. 5-11

A talk on how the Naval Weapons Center was doing in the Equal Employment Opportunity Program and where it must now direct its efforts was delivered by Capt. F. H. M. Kinley, NWC Vice Commander, during the Black History Week banquet held on Feb. 8 at the Enlisted Mess.

Capt. Kinley, speaking on behalf of Rear Admiral William L. Harris, NWC Commander, who could not attend because he was ill, told the 180 persons present that he was glad so many were able to be on hand to have a part in honoring the achievements of black Americans.

Principal speakers during the evening were Dr. Kenneth Maloney, manager of the Materials Analysis Area for the Xerox Corp. in Rochester, N.Y., and Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C.

EEO Concept Has Changed  
Capt. Kinley said the Center has moved rapidly forward from a concept of EEO as a program for minorities and women to one which ensures the rights of all employees to be judged on the basis of their skills and abilities rather than on generalities relative to their ethnic background.

"The programs presented during the past three days (Feb. 6, 7 and 8) have contributed to the Center's awareness of our broadening responsibilities in the area of EEO," he stated.

He praised Dr. Maloney for giving NWC a

new outlook through a glimpse of the philosophy that prevails in industry in the United States. "A philosophy that says that employers have a responsibility for the socio-economic well being of the community at large," Capt. Kinley added.

Capt. Kinley also thanked Dr. Aveilhe for giving NWC some insights into the status of education of the black population. "He provided information concerning the level and quality of available education which the Center must consider in recruiting efforts," he said.

Valuable Input  
Because of the inputs from both speakers, Capt. Kinley stated that Center management can more readily appreciate the necessity for a viable, progressive and effective program to implement equal opportunity in employment.

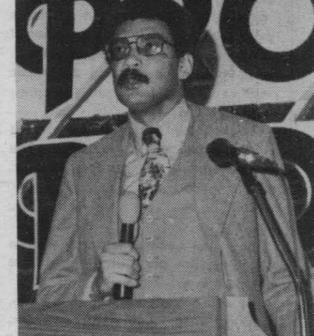
Dr. Maloney, while touching on the philosophy of the Xerox Corp. in his talk, stressed that black progress was tied to the progress of the nation as a whole. He also said that everyone must work to remove bigotry and prejudice, making an environment where all people can move ahead.

"We all have to ask ourselves, how did we get where we are, and where are we going?" Dr. Maloney noted, and added, "we have to look at more than what we want to be tomorrow, but also what we want to be 10 years from now."

Dr. Aveilhe told the audience that too

much attention was being paid by minorities and others to just how they should be designated. "We do not have time or energy to be hung up on that. . . . What difference does it make?" he asked.

He said that this was a dangerous game and in effect people were using tunnel vision, looking for quick fixes. "Black and white Americans have never recovered fully from slavery and maybe never will.



Dr. Clyde Aveilhe

We must face up to this. We have a tendency to try to find cultural differences between whites and blacks in this country, while we should be concentrating more on the similarities."

Dr. Aveilhe went on to say that black people traveling to Africa find more differences between people of their own race than they do between blacks and whites at home.

"It doesn't matter what blacks are called. We need cooperation and support to achieve equality," he concluded.

"Black Progress in a White Environment" was reviewed by a distinguished panel of black Americans during Thursday morning's session of the Black History Week observance at the Naval Weapons Center.

The panelists looked at the recent progress of black Americans and held a discussion concerning the question of when race becomes secondary to one's credentials. (Continued on Page 4)



HONORED GUESTS — Sitting at the head table during the Black History Week banquet held at the Enlisted Mess last Thursday, Feb. 8, were (l. to r.) Dr. Kenneth Maloney, manager of the Materials Analysis Area for the Xerox Corp. in Rochester, N. Y.; Mrs. Jean Harris, wife of Rear Admiral William L. Harris, NWC

Commander; Capt. F. H. M. Kinley, NWC Vice Commander; Mrs. Ethel Ritchie; Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C.; Mrs. Priscilla Kinley, wife of Capt. Kinley; and Miit Richie, president of the Indian Wells Valley Branch of the NAACP. —Photo by Ron Allen



FROGMAN TRYOUTS— Three "would-be divers" participate in a screening test for the Navy's Underwater Demolition Team / Sea Air Land, Explosive Ordnance Disposal team, held recently at the Naval Weapons Center. Attempting to do 30 pushups in 2 min. are (l. to r. in background) YN3 Derrick Ashley of VX-5, AD2 Carlton Finley of Code 61, and AD3 Thomas F. Killum of Code 6121. In foreground are (l. to r.) Navy diving team recruiters HMC William Atkinson and PNC Robert F. Richardson. — Photo by Ron Allen

### NWC sailors learn more physical ability needed to become 'frogmen'

Five Navymen at the Naval Weapons Center learned last Friday that they were among the many men who desire the life of a Navy "frogmen," but who do not qualify for the program. Members of an Underwater Demolition Team / Sea Air Land, Explosive Ordnance Disposal, Navy Diving Recruiting Team from the Naval Amphibious School, Coronado, Calif., were at China Lake to recruit motivated Navymen for the UDT/SEAL, EOD program.

Out of five NWC personnel showing up for the briefing and film slide presentation, only three completed the screening test, all unsuccessfully. They were AD2 Carlton Finley of Code 61, YN3 Derrick Ashley of

VX-5, and AD3 Thomas F. Killum of Code 6121. The screening test consisted of swimming 300 yards in less than 7 min., then completing 30 pushups, 30 situps and six overhead pullups in 2 min. each, and then running a mile in 7½ min.

Clocking the "would-be divers" were Chief Personnelman Robert F. Richardson and Chief Hospitalman William Atkinson. The recruiters said that they were disappointed that no one had qualified, but felt that their time had been well spent at China Lake.

"These applicants now know what is expected of them," they said. "With more work on their part, they could qualify." YN3 Ashley for one said he would be trying for the team again.

The recruiting team expects to return to China Lake in July after making a journey to Alaska in its recruiting effort.

"However, those interested don't have to wait for us to come back to China Lake. If they feel they can complete the endurance test and want to apply, applications may be filed with NWC's UDT/SEAL, EOD detachment," the visitors reported.

### Don't abuse Commissary Store, NEX privileges

Patronage of Commissary Stores and Navy Exchanges is a privilege accorded authorized personnel.

The most common abuses of privileges are larceny (shoplifting) and obtaining goods by means of worthless checks. Other abuses include purchases for unauthorized persons, lending identification cards, and "forgetting to pay."

"It is NWC policy that privileges shall be suspended or revoked when abused and that appropriate action shall be effected by the Commanding Officer. Additionally, offenders may be prosecuted for abuses that violate criminal law in Federal or military courts.

### Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 092 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 X-116C.

Interdisciplinary Position, (Electronics Engineer/Aerospace Engineer/Physicist), GS-855/841/1310-12 PD No. 7935022E, Code 35643 — This position is located in the Systems Engineering Group of the HARM/Standard ARM Technical Management Office. An incumbent will be the HARM E.W. project engineer. As such, one will be responsible for the integration of the HARM Weapon System and the various EW equipment (AN/APR-43 AN/ALR-67 AN/ALQ-126, AN/ALQ-126B, AN/ALR-45F) associated with the A-7, F-18 and A-4 aircraft. This work includes responsibility for defining the interfaces between the EW equipment and the weapon system and the review of all testing pertinent to this area to seek out problems. Job Relevant Criteria: Knowledge of avionics system design and integration with aircraft; ability to communicate effectively orally and in writing; ability to meet and deal effectively with contractors and program sponsors. Status eligible accepted.

Mail and File Clerk (Typing), GS-305-3/4, PD No. 7808007 and 7808008, Code 0822 — This position is located in the Mail and File Records Branch, Management Division, Office of Finance and Management. The incumbent receives, opens, reads, and re-sorts incoming mail and routes it to the organization required to take action. Screens and dispatches outgoing material files correspondence, and types route sheets. Job Relevant Criteria: Knowledge of NWC organizational structure; ability to type; ability to type; ability to type.

Supervisory Clerk-DMT, GS-314-5, PD No. 7708037, Code 08231 — This position is located in Word Processing Branch I of the Office of Finance and Management. The incumbent is responsible for technical and administrative supervision of personnel in the branch. This includes writing position descriptions, selecting personnel, training personnel, evaluating employees work, recommending promotions and awards, resolving grievances and taking disciplinary actions. The incumbent plans, organizes, and directs the operation of the branch; evaluates the function of the equipment and techniques; and maintains and submits records and reports. Job Relevant Criteria: Knowledge of and skill in use of magnetic media and dictating and transcribing equipment; knowledge of NWC correspondence procedures, policies, and instructions; ability to communicate and deal effectively with all levels of NWC employees; and ability to supervise.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2476. Engineering Technician, GS-802-5, PD No. 7962015, Code 42214 — The position is located in the Range Engineer Section, Air Operation Branch, Range Operations Division, Range Department. The incumbent will assist in the conduct of ground and air operations of range tests and insure the safety of personnel participating in these operations. The incumbent will monitor the operation of aircraft and ground ranges, record all personnel engaged in the range and advise the responsible range engineers of any hazards. On all G-1 Range tests, the incumbent will monitor personnel engaged in the operation of opto-mechanical data recording devices, electronic trajectory measuring systems, and telemetry equipment. The incumbent will read and interpret plotting boards, plotting board data and compute preliminary trajectory angles, altitudes and airspeeds. She/he will compute and correct aircraft headings and dive angles for safety of range personnel if the aircraft has strayed off heading. Job Relevant Criteria: Ability to communicate effectively both orally and in writing; knowledge of basic mathematical principles; ability to perform under stress conditions; ability to use engineering formulas; knowledge of testing procedures and techniques; ability to read and interpret engineering plans and specifications. Promotional potential to GS-11.

Engineering Aide, GS-802-3, PD No. 7962014N, Code 62214 — The position is located in the Range Engineer Section, Air Operation Branch, Range Operations Division, Range Department. The incumbent will assist in the conduct of ground and air operations of range tests and insure the safety of personnel participating in these operations. The incumbent will monitor the operation of aircraft and ground ranges, record all personnel entering the range and advise the responsible range engineers of any hazards. On all G-1 Range tests, the incumbent will monitor personnel engaged in the operation of opto-mechanical data recording devices, electronic trajectory measuring systems, and telemetry equipment. Job Relevant Criteria: Ability to communicate effectively both orally and in writing; knowledge of basic mathematical principles; knowledge of safety practices. Promotion potential to GS-11.

Mathematician/Computer Specialist, GS-1520/324-12, PD No. 7862112, Code 62201 — This position is located in the Range Operation Support Office of the Range Department. The incumbent will provide computer programming and computer system analysis for development of real-time data collection, processing and display sub-systems for advanced time, space, position information systems. Job Relevant Criteria: Knowledge of digital computer operational theory; knowledge of compiler level computer programming language; knowledge of assembler level language; ability to employ real-time data processing. 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 jib borers, 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. Computer Programmer, GS-334-12, PD No. 7962006, Code 62422 — The position is located in the Telemetry Data Section, Telemetry Operations Branch, Telemetry Division, Range Department. The incumbent will be responsible for the conversion of raw telemetry test data into a form suitable for analysis and evaluation. The incumbent will be responsible for the analysis, design, development and implementation of state-of-the-art digital computer software. The incumbent will maintain a mini-computer operating software system. Additionally, the incumbent will investigate data management requirements for present and future test range objectives and determine real-time, real-time, real-time flight telemetry data processing requirements. Job Relevant Criteria: Knowledge of the theories, principles, practices and techniques of modern computers; working knowledge of micro-processors, mini-computers and large scale computers; working knowledge of Fortran, Cobol, Pascal and Basic; working knowledge of documentation for program users, other programmers and other data analysts.

Personnel Management Specialist, GS-201-7/8/11, PD No. 7465008, Code 096/097 — Promotion potential to GS-11. Incumbent provides personnel management advisory services in functional areas of classification, employment and employee relations to assigned segment of the NWC organization. Duties include analysis, evaluation and classification of positions; solution of personnel problems involving individual personnel actions in the areas of qualifications, employee development, performance, behavior; other areas of personnel administration. Job Relevant Criteria: Knowledge of employment and staffing regulations and procedures; skill in job grading and position classification; knowledge of concepts, regulations and practices in other functional areas of personnel management; ability to independently analyze and resolve problems; ability to communicate effectively both orally and in writing; ability to meet and deal effectively with all levels of personnel.

File applications for the above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 2577.

Security Clerk, GS-301-3/4/5, PD No. 78240027N, Code 24311 — This position is that of security clerk located in the Internal Security Branch of the Safety and Security Department. The incumbent processes visit request forms and personnel security clearances. The incumbent interviews employees as part of the clearance procedure and obtains fingerprints. He/she also provides on-the-job training to other personnel within the organization. Job Relevant Criteria: Knowledge of personnel security procedures; knowledge of personnel security instructions and regulations; knowledge of Naval correspondence formal and policies; ability to work independently; ability to communicate effectively with people. Previous applicants need not reapply.

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

Electronics Mechanic Helper, WG-2614-5, JD No. 445, Code 3315 — Applications will be accepted from status eligibles. This position is located in the Design and

(Continued on Page 4)



### DIVINE SERVICES

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

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

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

CONFESSIONS 1115 to 1130 1615 to 1645 0800 to 0825

RELIGIOUS EDUCATION CLASSES 1000 Pre-school thru 11th grade 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 1930 Sunday Services—(Sept.-May)

### Burros cagers...

(Continued from Page 6)

quarter of play, but the Burros were able to take command briefly early in the second period when they racked up 10 unanswered points and forged ahead, 29-20.

The Broncos kept their cool, however, and by halftime were back in the lead by a score of 34-33. The score was tied four times in the third period of play, which ended with the Burros clinging to a 50-49 lead. While the visitors were never able to regain the lead, they hung on grimly throughout the final 8 min. of the game.

Getting down to 1½ min. left to play in the fourth quarter, Chris Klekas, the game's high point man with 25 for Bishop, pumped in two field goals that reduced the BHS varsity lead to 64-63. After that, however, all of the scoring was done at the free throw line where Klekas picked up a pair for the Broncos, but the Burros had the best of it getting 3 points at the charity stripe by Drake and 2 by Tomaras which provided the final 4-point margin of victory.

In addition to Klekas, the visitors had one other player, Bret Baker, in the double-figure scoring column with 10. Mike Wirtz and Steve Motte were the leading scorers for Burroughs with 16 and 13 points, respectively.

### China Lake golfers lose to Valencia

Golfers representing the China Lake Men's Golf Club were defeated by a score of 35-13 last Sunday by a team from Valencia in a partner's best ball match played at the Valencia course, which is located near Magic Mountain.

Top players for China Lake in this lopsided loss were Bob Beck, whose low gross score was 82. Basil Legg carded the local team's low net score of 74 (including handicap).

An opportunity will be provided for the local golfers to make up for this defeat, since they will be hosting the golfers from Valencia on Sunday at China Lake.

### Rec. Roundup...

(Continued from Page 6)

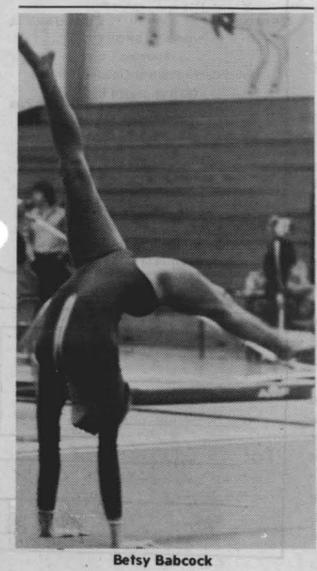
press the third team hadn't been determined.

The three Division B teams entered in the post-season tourney are the Night Stalkers, Dispensary and Loewen's B.

### Adult Group Swim Classes

Group swimming lessons for adults will be held at the Center's indoor pool on Saturdays, beginning Feb. 24, from 11:30 a.m. to 12:15 p.m., for a period of eight weeks.

Adrienne Swinford will be the instructor and there is a charge of \$10 per student. A minimum of five students must be signed up in order for the class to be held.



Betsy Babcock

## employee in the spotlight

By Ernest R. Sutfon

Gerard (Gerry) Kersten, an instrument maker in NWC's Experimental Model Shop, speaks flawless English just as the majority of workers at China Lake, but unlike them he also speaks three other languages, German, Dutch and French.

He polished his already fluent English after coming to the United States from Holland in December 1949. Dutch had been his native tongue until then. He had also learned two other languages as a matter of survival, Kersten states.

Gerry was born in the City of Maastricht in the Netherlands in January 1925. After graduating from high school, he attended a machine shop trade school in the evenings and an art academy on Saturdays. During daytime hours he was serving his apprenticeship in his father's machine and model making shop and nonferrous metal foundry.

The shop, established in 1906, cast candle holders, statues of Jesus and other figures, chandeliers, and similar works of art for European cathedrals and synagogues. The religious objects were conceived and cast by the shop's artisans from silver, gold, brass or nonferrous metal such as stainless steel.

### His father was a second Leonardo daVinci

"Sadly enough this work is now becoming a lost art," Kersten lamented and continued, "most of the knowledge about it was gone forever when my father died in 1960. He has been described as the second Leonardo daVinci at his death. The foundry work done in his shop has a family secret not shared with the rest of the world. However, I know the secret and may carry on the family tradition."

Gerry went on to explain that he was setting up a foundry in his home and would be working with metals as a hobby. "The art pieces we made in the Netherlands before World War II would be too expensive for churches to buy today. They would cost too much," he explained.

Kersten's education was interrupted by the outbreak of World War II and the eventual over-running of his country by the German Army. For a six month period in 1942-43, he was held in a Dutch camp for refusing to go to work in Germany. He finally got out by tricking the Nazis.

"I was only 17 and still a minor. Anything I signed wasn't a legal contract so when they asked us again to sign up for work in Germany, I was the first in line to put my name down on the paper," he reported.

The outcome of this was his immediate release from the work camp. In addition, he was given food, clothing and money to spend on a railroad ticket to Germany.

### Worked with resistance forces

"I bought a ticket to Southern Holland, instead," he laughed, "When I got there, I disappeared underground to work for the resistance. I did not do any fighting per se, but I helped people in other ways such as by falsifying passports and travel documents. Lived underground during those days was very dangerous but I hid out until the liberation by the Americans on Sept. 14, 1944."

The date of the liberation is burnt indelibly into his mind for on this date he was selected to be on the welcoming committee. He was chosen primarily because he could speak English and, as a result, gave Generals Patton, Simpson and Hobbs, the key to Maastricht—the first city to be liberated in the Netherlands.

For the next several months he served as an interpreter to the American Ninth Army. It was during this period that Hollywood filmed the movie "Betrayed" starring Clark Gable and Victor Mature in Maastricht. Many of the townspeople played bit parts in the movie including his father, who could be seen waving a bunch of flowers.

"They told me the streets were paved with gold, but I didn't know I was expected to pave them..."

Gerald Kersten



"After the war there was lots of work to do but no materials to do it with," Gerry stated.

He found it impossible to keep his feet on the ground and feed his family. He had married his wife, Jacqueline, in December 1945 and in April 1947 they had their first son, Robert.

"The GIs were telling us that America was the only place to go. In so many words, they told me that the streets were paved with gold, but I didn't know they expected me to pave them," he joked.

He landed in the United States in Hoboken, N.J., in 1949 as an immigrant. Finding no jobs available in his trade in New York City, he moved to Chicago in March 1950. The first week he was there he was hired as a machinist. Kersten remained in Chicago for the next 9½ years until he was hired as a tool maker for Aerojet General in Sacramento, Calif., in April 1959.

Chicago remains a highlight of his life because his "American-born" son, Gerard, was born there in 1957, and it is where he became a U.S. citizen in 1955, a fact that he is very proud of.

In 1965, the Kerstens traveled to Trona to visit friends and were shown the Ridgecrest area.

"My wife immediately fell in love with the desert, its wide open spaces with lots of elbow room," Kersten continued, and mused, "It's usually the wife who can't stand the desert, but for mine it was love at first sight."

Gerry went to work for the Arrowsmith Tool Manufacturing Corp. in Ridgecrest as a model maker in 1966.

### Employed at NWC since 1972

On July 24, 1972, he was hired as a machinist in Code 3644 in NWC's Engineering Department. He was later promoted to model maker and eventually to his present position of instrument maker.

"The experience I had in my father's machine shop and in trade and art school has proven invaluable to me today. I really enjoy the work I am doing at NWC," Kersten said.

One of his latest jobs at China Lake was building mirror holders for laser beam instruments. He recently received a patent pertaining to a missile component he had invented. This was his second patent.

"Although some customers come to us with sketches, mostly we follow verbal instructions to develop or fabricate whatever instrument they need," he said.

The Experimental Model Shop has metal lathes, drill presses, jig borers, band saws and other specialized equipment found in a typical machine shop. What isn't so typical is the work the instrument and model makers do with this machinery in the making of actual parts for one-of-a-kind pieces of equipment.

Gerry is also proud of his work and of his family. "I will soon be a grandfather," he will tell you. Son, Robert, who is a sergeant in the Army is married and his wife is about to have a baby. "He has a hitch coming up in South Korea and will be visiting here in April. It is possible the child may be born in Ridgecrest," he said.

His other son, Gerard, will graduate in June from California State College at Bakersfield with a BS degree in business administration and management. He has been a top student throughout the four years he has attended college.

For the past 17 years (13 of them in Ridgecrest) Gerry has been a teacher of the Fraternity of Christian Doctrine, teaching high school students one hour a week.

"My immediate concern is getting my hobby shop started in my home in Ridgecrest. It will include a foundry and should be a paying hobby. I also hope to keep the family tradition alive and to continue my father's lost art, right here in Ridgecrest," Kersten concluded.

### Gymnast Betsy Babcock earns right to compete in state meet

Last weekend in Garden Grove, Betsy Babcock, a senior division gymnast from Burroughs High School, earned a fourth place trophy and the right to compete with the top 20 girl gymnasts in the upcoming Class II State Gymnastic meet on Feb. 24 in Redlands.

Miss Babcock will represent the Hi-Desert Tumbleweeds of the City of Ridgecrest's Recreation Department at the competition in Redlands.

This event, conducted under the auspices of the United States Gymnastics Federation, will bring together the top gymnasts in southern California who will be vying for "best in the state" rankings.

Last Saturday and Sunday at Garden Grove, the flu-plagued Tumbleweeds were represented by three gymnasts in the Class

II district competition. In addition to Miss Babcock, they were Pam Chase, in the Senior Division, and Julie Campos, in the Junior Division.

Three other local girl gymnasts — Yvette LaPierre, Christine Ball and Anna Leese — had qualified for the district event, but were unable to compete due to illness.

Miss Chase came through with a fine optional floor exercise routine in which she received a score of 7.45 points, while Miss Campos achieved her highest scores of the season in the compulsory events.

Miss Babcock, who competed in the compulsory events only, earned an all-events total of 29.05 points which included the following scores: uneven parallel bars (6.8), balance beam (6.8), floor exercise (8.3), and vault (7.15).

Miss Chase, who was entered in both the compulsory and optional events, had a combined all-around total of 47.75 points. Her scores in the compulsory events were: uneven parallel bars (6.95), balance beam (4.65), floor exercise (7.9) and vault (6.75). She picked up the remainder of her total of 47.75 points in the optional events, which included a 7.45 in the floor exercise and 6.35 in the vault.

In the Junior Division, Miss Campos came up with her best compulsory event scores of the season. They were: balance beam (7.85), parallel bars (7.75), vault (8.10), and floor exercise (8.05) She was less fortunate in the optional event competition, however, and her all-around score of 52.30 was not high enough for her to be eligible for the state-qualifying meet in Redlands.

### The Rocketeer

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R. M. Hillyer  
Technical Director  
Dr. Robert H. Pearson  
Head  
Technical Information Department  
Don R. Yockey  
Editor  
Ernest Sutfon  
Associate Editor  
Beverly Becksvort  
Editorial Assistant  
Ron Allen  
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Phones



Recreation Roundup

## Admiral's Cup hoop competition to start Tuesday

Admiral's Cup basketball competition between teams representing NWC Blue (Code 612), NWC Gold, and VX-5 will begin at 6 p.m. Tuesday in the Center gym with a game between NWC Gold and VX-5, who are currently tied for second place with 19 points each in the Admiral's Cup athletic standings.

NWC Blue, which leads with a total of 25 points in the Admiral's Cup competition, will play NWC Gold at 6 p.m. on Wednesday, Feb. 21, and the final game of the series — NWC Blue vs. VX-5, is scheduled at 6 p.m. next Thursday, Feb. 22.

Tim Cornelius is the coach of an NWC Gold team whose players include Bob Bailey, David Woods, Hod Wells, Larry Dean, Gary Miller, Sammie Goode, Doug Taylor and Doug Hartlet.

Names of players for the NWC Blue and VX-5 teams were unavailable at press time for The ROCKETEER.

### Basketball League Finale

A single elimination tournament between the top three teams in Division A and the top four teams in Division B of the China Lake Intramural Basketball League will begin at 7:15 p.m. on Tuesday, Feb. 20, at the Center gym.

Two Division A teams will vie in the tourney opener, and the schedule calls for the Division A championship game to be played at 8:30 p.m. on Wednesday, Feb. 21, followed by a Division B contest that same night starting at 8:30.

The tournament will wind up with the Division B championship game at 7:15 p.m. on Thursday, Feb. 22.

The Pride and Time Out are two of the three Division A teams entered in the tourney, but as The ROCKETEER went to

(Continued on Page 7)

## NWC cagers battle inter-service foes in tourney at Edwards

A team representing the Naval Weapons Center will travel to Edwards Air Force Base tomorrow to compete in the Mojave Desert Inter-service League (Northern Division) basketball tournament.

The China Lakers who are coached by John Smith, of VX-5, will play their first tourney tilt at 2 p.m. Saturday against their counterparts from the Marine Corps Logistics Support Base, Pacific, at Barstow.

Players on the local squad are J. W. Spells, Barry Adams, Connie Reeder, James Carr, Curt Seiferth, Tim Cornelius, Tony Bolden, Larry Dean, Jud Neidigh and Derrick Ashby.

In addition to teams from the Naval Weapons Center and the Barstow Marines, other entries in the MDISL Northern Division basketball tourney will be from Nellis and Edwards Air Force Bases.

MDISL Southern Division basketball teams from George, March and Norton Air Force Bases, and the Los Angeles Air Force Station also will be tangling this weekend. The winners and runners-up of the MDISL's Northern and Southern Division basketball play-offs will then vie for the league's basketball title on March 4 at the home court of the Southern Division winner.



IN HOT PURSUIT — Richi Drake (No. 20), stellar guard for the Burroughs High varsity basketball team, works the ball in toward the hoop, with Bob Bambauer (No. 12) of Bishop hot on his heels. Other players who can be identified in this photo are Tim Stamper (No. 25) of Bishop and (at left) David Cordle (No. 22) of Burroughs. The BHS varsity won this non-league encounter 69-65.

## Burros can clinch league title with win over Palmdale cagers tonight

With a one-game lead on the top contenders in the Golden League, the Burroughs High School varsity basketball team, coached by Larry Bird, has the chance to nab sole possession of the league title in a game to be played tonight against Palmdale in the BHS gym.

Tip-off time for the varsity clash is 8 p.m., following preliminary games between freshman and junior varsity squads from Burroughs and Palmdale at 5 and 6:30 p.m., respectively.

On Tuesday night in Saugus, the Burros slipped past the Centurions 40-36 — a victory that gave them a league record of 9 wins and 2 losses.

### Different Style of Play

While the Saugus team played a slow, methodical type of game, the Burros missed a dozen lay-ups which made the difference between what could have been a convincing win and a close contest — even if the locals connected on just half of their missed scoring opportunities.

Neither team was scorching the net as the first half ended with the Centurions ahead, 22-21. Then, in the closing seconds of the third quarter, Steve Motte, center for Burroughs, muscled in two field goals that enabled the Burros to start the final 8 min. of play with a 31-26 lead.

The final outcome of the game was still a toss-up, however, and the Burros found themselves clinging to a 37-36 lead with 1 min., 12 sec., remaining to play.

### Three Defensive Gems

From that point on until the final buzzer, the Burros came up with three defensive gems — a steal of a Saugus inbound pass by Ron Garrett and two interceptions of the ball by Richi Drake. This kept the Centurions from getting off a single shot at the basket from either the field or the free throw line.

During this same time, Rob Tomaras was fouled and hit on the front end of a 1-and-1 free throw situation to give Burroughs a 38-36 lead. The game's final 2 points were chalked up by Drake, who coolly dropped in

## Tennis Club to elect officers on Thursday

The China Lake Tennis Club (CLTC) will hold its annual general meeting next Thursday, Feb. 22, starting at 7:30 p.m. in the Sidewinder Room of the Community Center.

On the agenda is the election of CLTC officers, a summary of 1978 activities and business, and a discussion of events for the 1979 season.

CLTC is a non-profit organization whose goal is to promote tennis in the Indian Wells Valley. Club activities include local competitive and social tournaments, intercity team matches, and group travel to non-local tournaments.

All members and interested persons are encouraged to attend the meeting. Refreshments will be served.

## Youth soccer league begins registration for spring season

Registration begins today at the youth gym for the coming Youth Center-sponsored spring season of soccer league competition.

Prospective soccer players (boys and girls) in the first through eighth grades are eligible to take part if they are members of the Youth Center — or become members by paying the annual \$6 membership fee. There also is an additional charge of \$2 per player for the soccer program, and all players must purchase a team T-shirt as well.

Registration for the Youth Center Soccer League will continue until March 17 at the youth gym, 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.

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.

Those who do not choose to play will be replaced by new players and, if enough new players sign up, more teams will be added to the league. Separate divisions will be set up for those in grades 1 and 2, 3 and 4, 5 and 6, and 7 and 8. Students in the seventh and eighth grades should note that this will be their only opportunity to play soccer during the spring season.

Tryout sessions for new players will be held at Davidove Field on Wednesday, March 14, starting at 5 p.m., and on Saturday, March 17, starting at 9 a.m.

All new players must register and pay the required fees at the youth gym prior to attending a tryout session.

two charity tosses to make the final score 40-36 in favor of BHS.

Motte, the only player for Burroughs in the double-figure scoring column, was the game's high point man with 12, while Saugus was led by Brent Rollins and Jim Moss, who tallied 10 points each.

Last Saturday night the Burros varsity cagers hosted the Desert-Inyo League leaders from Bishop High and had a battle on their hands before posting another 4-point victory — this time by a final score of 69-65.

The visitors led 20-15 at the end of the first

(Continued on Page 7)

## Time Out team's bid for first place tie in Div. A squelched by 60-47 loss to The Pride

The Time Out squad, which has been hanging onto second place in Division A of the China Lake Intramural Basketball League, last week lost a chance to move into a tie for first place as a result of a 60-47 loss to The Pride.

The Division A leaders, who had a 9-2 record as of Feb. 9, compared to 7-4 for Time Out, got the jump on their opponents and moved ahead 36-22 at halftime.

Both teams battled on even terms in the second half in which the Time Out hoopsters outscored The Pride, 25-24, but couldn't overcome the 14-point deficit at the midway point in the game.

### Reeder High Point Man

Connie Reeder, of The Pride, was the game's high point man with 15, while two of his teammates, Barry Adams and Ron Johnson, pitched in 13 and 10 points, respectively. Leading scorers for the Time Out squad were Andy Price (14), Garry Clark (12), and Chuck Burrows (10).

The Time Out hoopsters partially made up for this defeat by outscoring the Homestead Hombres 73-59 on the following night (Wednesday, Feb. 7).

The victors, led by Tim Cornelius, the game's high point man with 27, rolled up a 35-15 halftime lead. Other players for the Time Out Squad who were in the double-figure scoring column were Dennis Henden (16) and Clark (10).

### Chukars Win Second Game

Trying to battle their way out of the Division A cellar, Loewen's Chukars posted their second win of the season at the expense of Desert Motors, 49-37.

Al Sorenson and Drew Martin, who tallied 20 and 13 points, respectively, led the Chukars, and Terry Mangrum scored 18 for Desert Motors. The Chukars were ahead by a margin of 27-17 at halftime.

In last week's Division B competition, the undefeated Turtles continued to dominate play by defeating the Night Stalkers, 57-44, and the Low Doze, 41-21.

The Night Stalkers trailed by a single point, 25-24, at the half, but couldn't match

the Turtles on offense in the second half. Rick Peterson, of the Turtles, scored 16 points, and Mel Foremaster and David Green were runners-up for high point honors with 15 each. The Night Stalkers were led by Mark Lehman (14) and Jud Neidigh (12).

The Turtles had little difficulty hanging a 41-21 defeat on the Low Doze quintet, even though Tim Mullins, of the Low Doze squad, emerged as the game's high point man with 14. The Turtles led at halftime, 23-9. Mel Foremaster, with 10 points, was the top scorer for the Turtles.

The Loewen's B team, which had an 8-1 record and last week remained just a game behind the Turtles in Division B, stayed in the battle for the division lead by squelching The Heat, 62-41.

### Smith Tallies 20 Points

Garyl Smith, of Loewen's, pumped in 20 points to lead his team in the scoring department, while Mike Thomas and Tom Harb tallied 11 points each for The Heat.

In other Division B games played last week, the Dispensary cagers moved into third place as a result of their wins over the Low Doze and TPQ teams by scores of 74-43 and 47-37, respectively.

Terry McRobert's 25 points set the pace for the Dispensary team in its lopsided win over the Low Doze. After building up a 34-22 halftime lead, the Dispensarymen added 30 more points in the second half to win convincingly.

In addition to McRobert's 25 points, his teammates Doug Taylor and Brad Domine contributed 15 and 11, while the Low Doze squad's top scorers were Tim Mullins (15) and Mike Hanson (13).

In their game against the TPQ squad, the Dispensary cagers mustered just 47 points, but it was enough for a 10 point victory over their opponents.

Hank Attansio's 16-point scoring effort for TPQ was tops that night for both teams. Leading scorers for the Dispensary were Domine (15), Taylor (12), and Alan Woodson (10).



NATIONAL ENGINEERS' WEEK PROCLAMATION SIGNED — The period of Feb. 18 through 24 has been designated National Engineers' Week in the Indian Wells Valley in a proclamation that was signed earlier this week by Bob Hillyer, NWC Technical Director (seated at right) on behalf of Rear Admiral William L. Harris, NWC Commander. The other signee is Don Chizez, Mayor of Ridgecrest. Representatives of local chapters of engineering societies who were present for the occasion were (standing, l.-r.) Tony Miller, American Society for Quality Control; Bruce Bartels, California Society of Professional Engineers, and Steve Carter, American Institute of Aeronautics and Astronautics.

## National Engineers' Week to be observed Feb. 18-24

National Engineers' Week, scheduled this year during the period from Feb. 18 through 24, will be observed locally by a dinner on the evening of Thursday, Feb. 22, at the Commissioned Officers' Mess, and a field trip to the Coso geothermal area on Saturday, Feb. 24.

"Engineers — People Bringing Purpose to Progress" is the theme of 1979 National Engineers' Week which commemorates the achievements of President George Washington as a surveyor and as a civil and military engineer during the week of his birthday on Feb. 19.

### Featured Speaker

Featured speaker at the dinner next Thursday evening will be William J. Sauber, a distinguished lecturer for the American Institute of Aeronautics and Astronautics (AIAA), who will present a talk (accompanied by film slides) based on his book entitled "The Fourth Kingdom."

As Sauber sees it, to the three "kingdoms" (animal, vegetable and mineral) that have existed since the beginning of life on earth, there now can be added the "fourth kingdom" which consists of the fruits of the human mind. He has particular reference to the products of technology.

Sauber looks at the "fourth kingdom" and perceives a kind of directed pattern which, in his view, will carry the human seed (some few hundred brave colonists) on a 200 year trip through space to colonize a new planet in the star system.

### 25 Years With Dow Chemical

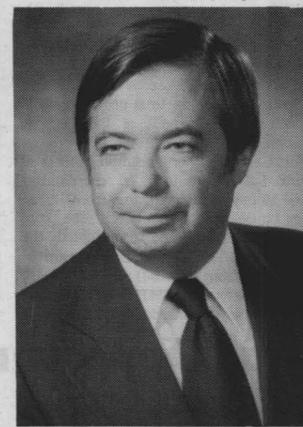
The speaker's formal training and early career was in engineering, and he has accumulated 25 years of experience with the Dow Chemical Co. For the past 14 years he has been involved in short and long-range business development and general staff management assignments. At one time, he was assigned to serve as the Dow Chemical Co. liaison man to Windecker Research, Inc., where he was involved in the development of the world's first FAA-certified structural plastic airplane — the Windecker Eagle.

At the present time, Sauber is the project manager for Functional Products and Systems for the Dow Chemical Co. in Midland, Mich. He will address a joint meeting of the High Desert Engineering Association (HDEA), which will begin with a social hour prior to a roast beef dinner that is to be served at 7 p.m. The talk by Sauber is slated at 8 o'clock.

The HDEA is composed of eight engineering societies represented either by

local sections or chapters or by interested members. In addition to AIAA, they are the American Institute of Chemical Engineers, American Society of Civil Engineers, American Society of Mechanical Engineers, American Society for Quality Control, California Society of Professional Engineers, Institute of Electrical and Electronic Engineers, and the Society of Logistics Engineers.

Tickets to the Engineers' Week dinner at the COM are priced at \$7 per person (if



William J. Sauber

ordered in advance) and also will be available at the door next Thursday evening at a cost of \$8 each.

Those wishing to order their tickets ahead of time can do so by calling Bruce Bartels, at NWC Ext. 7455; Jim Serpanos, at NWC Ext. 3340; Bill Webster, at NWC Ext. 3100, or Tony Miller at 446-3501.

## Action Line available to military personnel

Military personnel at China Lake are reminded that the Naval Weapons Center has a telephone Action Line that they may use to report unresolved problems.

Personnel may call Ext. 2333 if they question the appropriateness of something seen happening, have a problem on the job, have a suggestion for the betterment of the community, or need assistance in locating regulations.

Cdr. R. A. Knutson, head of the Military Administration Department, reports that normally there is a one-day response in answering problems. For example, just recently someone called concerning a problem in Navy housing and within hours the complaint was rectified.

Before using the Action Line, personnel should first attempt to resolve problems at the department level, since the Action Line is not meant to circumvent the chain of command.

When calling Action Line, personnel must leave their name, work phone, home address and home phone number, they will then receive an answer of any action taken on the problem.

## Homes to be inspected as prelude to awarding repair work contract

Some time during the remainder of this month, or during March and April, residents of all Capehart housing units, Hill and Wasp Circle duplexes, MOQs, JOQs, SOQs and SSQs can expect to be contacted for inspection of their quarters by representatives of the architectural firms of William Hirsch Associates, A.I.A., and Vincent J. Proby, A.I.A.

This 100 percent inspection is required to specifically identify repair items in each housing unit that were indicated by a 25 percent sampling of quarters inspected during the Maintenance and Repair Inspection Program that was conducted during the months of February through April 1978.

Repair items identified at Capehart housing units include replacement of all Bi-Fold closet doors with natural wood Bi-Fold doors. Plastic shower doors in the Capeharts also will be replaced.

In the Hill and Wasp Circle duplexes and the MOQs, replacement of kitchen cabinets is the major item of repairs, while the SOQ, JOQ and SSQ housing units will receive repairs as appropriate to correct deficiencies that were previously identified.

The cooperation of each family occupying these quarters during the inspection is

solicited. Inspection is imperative to the successful planning of a contract in order to minimize the inconvenience to the tenant during the accomplishment of these repairs.

Each inspection will take approximately 30 to 60 min., and the tenant will be contacted by the Housing Office in advance in order to arrange entry into the quarters.

Residents may provide inspectors with "permission to enter" in their absence if they so desire. If "permission to enter" is not given, the resident or his representative (a neighbor or friend) is required to be present at the time of inspection.

If problems should arise regarding inspection schedules which cannot be resolved between residents and inspectors, the resident should contact Nancy Loudagin, housing project manager, by calling NWC Ext. 2093 or 2528 for assistance.

## Program offered on explosives hazards by local EOD unit

A community awareness program on the hazards of dangerous explosives is being offered for presentation to interested community groups by Lt. Ed Kittel, acting officer-in-charge of Explosives Ordnance Disposal (EOD) Group 1, Detachment China Lake.

The first presentation was given this week to sixth graders who attend the Richmond School at China Lake.

The hour-long presentation includes a 22 min. film made in Canada, titled "I Wasn't Scared," which shows the hazards of bombs. In the film, a sister and brother, ages 8 to 10, go fishing in a bombing range where they find a bomb and as a result the boy escapes serious injury by seconds.

After the film, Lt. Kittel presents a show and tell session, displaying the types of explosives found in the desert including dynamite, blasting caps, time fuzes, and ordnance items.

The EOD Detachment here plans to go to all schools in the Indian Wells Valley and Trona and to various clubs and other organizations to present this program on explosives. It will help individuals recognize and be more aware of the dangers of materials that are capable of exploding.

Any club or organization in the local area interested in hearing the presentation should contact Lt. Kittel by calling NWC Ext. 6311.

## Bluejacket . . .

(Continued from Page 1)

minesweeper USS Direct, and the minesweeper support ship USS Ozark. The major shore stations he has served at include the Naval Station, Annapolis, Md., and in the Panama Canal Zone.

He and his wife, Alma, and their three daughters, Janet, 10, Christine, 9, and Marrison, 7, live in Navy housing at China Lake. When the Estradas returned to China Lake in May 1968, it was like returning home to them, especially for Christine and Marrison since they were born here.

"I was happy to come back to the desert," he said. "China Lake was one of my choices for duty on my reassignment application."

MSI Estrada said that there have been a lot of changes here during his seven year absence. "While Ridgecrest has really grown with many improvements, some areas of base housing are now like a ghost town," he said.

"I am really proud to have been chosen as the January Bluejacket. I never would have expected to be selected and I really consider it an honor," MSI Estrada modestly said.

As a result of his selection as Bluejacket of the Month, MSI Estrada will receive a weekend trip for two to Bakersfield under the sponsorship of a business selected by the Armed Services Committee of the Greater Bakersfield Chamber of Commerce, which pays the cost of the room and meals.



**DISTINGUISHED PANEL** — "Black Progress in a White Environment" was the topic reviewed by black panelists during the Thursday morning session of the Black History Week program at the Naval Weapons Center. Discussing the recent progress of black Americans are (l. to r.) Dr. Kenneth Maloney, manager of the Materials Analysis Area for the Xerox Corp., Rochester, N.Y.; Major Rosetta Armour-Lightner, administrative officer at George Air Force Base; Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C.; and Mill Ritchie, Center employee and president of the Indian Wells Valley Branch of the National Association for Advancement of Colored People.

## Black History Week programs held. . .

(Continued from Page 1)

tials and achievements.

Panel members were Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C.; Dr. Kenneth Maloney, manager of the Materials Analysis Area for Xerox Corp. in Rochester, N.Y.; and Major Rosetta Armour-Lightner, administrative officer at George Air Force Base.

The moderator who set the direction the panel would take in their discussions was Mill Ritchie, president of the Indian Wells Valley Branch of the National Association for the Advancement of Colored People.

While reviewing their respective careers, they indicated that the problems they encountered were not necessarily related to them being black. Maj. Armour-Lightner stated that she met more frustrations from being a woman than being black. She said that young blacks in the military service did have trouble brought about by their immaturity and race.

Dr. Maloney, born in a predominately black area in New Orleans and raised there, knew of, but never really experienced racism while he was growing up.

Dr. Aveilhe, on the other hand said most blacks who achieve a reasonable amount of success operate in a white world because that's how the power structure was set up in the United States.

The consensus of the panel was that blacks still have a long way to go before racial equality would be achieved and that education of both blacks and whites will play an important part if further progress is

## Career planning to be topic at brown bag lunch Tuesday

Guest speaker at the next brown bag lunch, sponsored by the Indian Wells Valley Chapter of Federally Employed Women, will be Kris Hayes, area manager for the Ridgecrest Resource Area, Bakersfield District of the Bureau of Land Management.

"Taking Charge of Your Life" will be the subject of her presentation on life planning and its relationship to careers and time management. She will speak in Annex No. 1 of the Training Center, from 11:30 a.m. to 12:30 p.m. on Tuesday.

Ms. Hayes' Bureau of Land Management career began in August 1975 after she was graduated from University of California at Los Angeles with a degree in public administration. She is presently enrolled in the Master's Program in Public Administration at California University at Sacramento.

All NWC employees, men and women, and other interested persons are welcome to attend. Those who do are reminded to bring their brown bag lunches so that they can eat during the presentation.

## Dr. Stupak to lead time management workshop for managers, supervisors

Dr. Ronald J. Stupak of the Federal Executive Institute (FEI) will lead a training session in "Time Management and Leadership" for managers and supervisors at the Naval Weapons Center next Wednesday, Feb. 21.

The class is to be held in Room 1000D of the Michelson Laboratory from 8 to 11:30 a.m.

Dr. Stupak, who is a professor of Political Science and Contemporary Affairs at the FEI in Charlottesville, Va., will discuss the tremendous demands made on the time available within any hour, day, or week.

Prior to his appointment to the FEI faculty, Dr. Stupak taught at Miami University. He has served as lecturer or consultant to such distinguished institutions as the Naval Air Executive Institute, National Security Administration's Institute for International Affairs, the CIA, and the John F. Kennedy Institute for Security Assistance.

During the workshop, he will assist managers in planning their workday more effectively, present some rules of time management in the public sector, and develop personal techniques for getting results from time management.

to be realized.

A talk on the status of education of black Americans was delivered by Dr. Clyde Aveilhe, associate director of the Educational Testing Service in Washington, D.C., during the Wednesday morning session of the Black History Week observance at China Lake.

Dr. Aveilhe stated that America must recognize that blacks are important and contributing members of American society. "White America must develop the necessary sensitivity to the needs of blacks to begin to help them to integrate their multiple aspirations and drives into a more holistic mission," he said.

He touched on the quality of education stating that black children have a great desire to learn but this desire wanes after the third grade due to diminishing self-esteem. The problem gets worse in elementary schools and by high school 42 percent of black 17-year-olds are functionally illiterate.

Dr. Aveilhe said that in order to look at the question of the education of black Americans, one must be attentive to a number of factors, including the level and quality of education of the black population, the comparative relations between black and white populations, and the value of education in the total American situation.

He also stated that blacks are fighting for their spiritual and psychological lives. "Blacks need all the positives that they can get. We need to look and say, we are on the move," Dr. Aveilhe concluded.

The class will also serve as a catalyst for the exchange of experiences among the participants on how others have "managed time," explain how delegation can be the key to time management, and will link time management to national needs and priorities.

Training requests are not required from employees desiring to attend this workshop. Registration can be made by calling Carol Corlett, Code 094, at NWC Ext. 2574.

## Seminar to feature films on 'Stress Reduction'

A lunchtime seminar featuring films on "Stress Reduction" will be held next Wednesday, Feb. 21, from 11:30 a.m. to 1:30 p.m. in Room 1000-D, Michelson Laboratory.

All Centerites are invited to attend this seminar, which is sponsored by the NWC Employee Assistance Program. Those who do so are urged to bring their lunch and eat while they are watching the films.

The movies to be shown are some that have never before been seen here. They are entitled "Managing Stress," "Feeling Great," "The Pressure Principle," and a video tape on "Body Politics: Stress."

## Federal Women's Program Coordinator to leave here for new job at Port Hueneme

C. Karen Altieri, Federal Women's Program (FWP) Coordinator at the Naval Weapons Center since Oct. 6, 1976, is being transferred to the Civil Engineering Laboratory (CEL), Port Hueneme, Calif., on Friday, Feb. 23.

Mrs. Altieri has accepted a position there as a technical writer in the Public Affairs Office. In that capacity she will be writing articles for publication in professional magazines and journals on the technical projects and programs under development at CEL.

During her tenure as NWC's FWP Coordinator, Mrs. Altieri has established new recruiting resources for hiring women, and has broadened the scope of FWP from a program for women to a program about women for the benefit of the Center's mission.

Some of her other accomplishments at China Lake have included coordinating some 50 individual programs from Brown Bag Luncheons to banquets. She conceived, developed and coordinated the recent Black History Week program at NWC, held from Feb. 5-11.

For her efforts as FWP coordinator and Equal Employment Opportunity Specialist,

at NWC, she was granted an Outstanding Performance Award for 1976-1977 and a Quality Step Increase in May 1978.



C. Karen Altieri

## Promotional Opportunities

(Continued from Page 2)

**Fabrication Branch, Sensor Systems Division, Fuze and Sensors Department.** Incumbent will assist electronic mechanic, model maker or technicians in the fabrication, modification, repair, test and calibration of electronic equipment. Occasionally required to wind and encapsulate coils, transformers and resistors. **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.

**Supervisory Supply Technician, GS-2005-4/7, PD No. 7925005N, Code 2514** — This position is head, Quality Assurance Branch, Planning and Administrative Division, Supply Department. Incumbent plans, develops, coordinates and directs the Supply Inventory Program, analyzes specific operating problems with recommendations to higher management and is responsible for maintaining an accurate system of inventory control procedures. **Job Relevant Criteria:** Ability or potential to supervise an organization; knowledge of supply functions and procedures; ability to analyze procedures and systems; ability to use tact in dealing with both on and off-Center personnel. Applications will be accepted from status eligibles.

**File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2371.**

**Equipment Mechanic, WG-5252-10, JD No. 37-3, Code 24414** — Installs, overhauls, repairs, maintains, "alters as needed," machine shop equipment, power plant equipment, large fresh water pumping equipment, range testing equipment, cranes and hoists, high and low pressure pneumatic systems and equipment, hydraulic systems and equipment, hydraulic-pneumatic systems and equipment, sewage disposal plant equipment, steam engines, steam cleaners, internal combustion engines, auto controls for above items. **Job Relevant Criteria:** Ability to install, maintain, overhaul, repair and test run mechanical equipment; ability to read and interpret blueprints; sketches, etc.; ability to troubleshoot pertinent equipment;

ability to use hand tools and measuring devices; ability to do the work of the position without more than normal supervision.

**Machinist, WG-3414-10, JD No. 382N, Code 24414** — Performs all types of general machinist work involving machine tool operation and the assembly, installation, and bench work required in the construction and repair of mechanical parts and assemblies. Works from blueprints, sketches, samples, and verbal instructions. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of machinist theory and related mathematics; ability to set up, lay out work, and operate machine tools and their accessories; ability to use hand tools and precision measuring devices; dexterity and safety; ability to interpret blueprints, specifications, and technical data; knowledge of materials utilized in machinist trade.

**File applications for the above with Lucy Lambert, Bldg. 34, Rm. 210, Ph. 2022.**

**Electronics Engineer, GS-855-7/12, Computer Scientist, GS-1550-7/12, PD No. 7931013 (4 vacancies), Code 3144** — These positions are located in the Aircraft Weapon Control Systems Branch, Avionics Division, Systems Development Department. The incumbent is responsible for development of integrated electronic systems for use in airborne tactical avionics, laboratory support facilities, and operational system maintenance equipment. The incumbent is responsible for technical planning, definition, preparation and conduct of electronic system test and evaluation. **Job Relevant Criteria:** GS-7/9; must have a background in computers; must be able to communicate effectively orally and in writing; must be able to deal effectively with project personnel. GS-11; must have a background in aircraft avionics, armament systems and weapons/stores; must have a background in digital electronics and digital computer systems; must be able to deal with other personnel effectively; must be able to communicate effectively orally and in writing. GS-12;

must possess a broad background in the fields of aircraft avionics, armament systems and weapons/stores; must be proficient in planning, coordination and conduct of complex technical development projects; must be adept at working with and coordinating the efforts of persons of various disciplines and rates. Previous applicants need not reapply.

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**Electronics Engineer, GS-855-12, Physicist, GS-1310-12, Computer Scientist, GS-1550-12, PD No. 793014, (4 vacancies), Code 3144** — This is an interdisciplinary position located in the Aircraft Weapon Control Systems Branch, Avionics Division, Systems Development Department. The incumbent is responsible for development of advanced tactical avionics systems, avionics support concepts and improvements to existing systems, hardware and software development, integration and checkout of experimental system models; technical planning, definition and conduct of system test and evaluation; and coordination of the analysis, design, development, test and evaluation of technical efforts of personnel assigned to assist in the system engineering tasks. **Job Relevant Criteria:** Must possess a broad background in the fields of aircraft avionics, armament systems and aircraft weapons/stores; must be proficient in planning, coordination and conduct of complex technical development projects; must express himself/herself effectively both orally and in writing; must be adept at working with and coordinating persons of varied disciplines and rates. Previous applicants need not reapply.

**Mechanical Engineer, GS-830-12, or Aerospace Engineer, GS-861-12, PD No. 7931007, Code 31803** — This is an interdisciplinary position located in the Advanced Aircraft Armament System Project Office of the Systems Development Department. The incumbent will perform systems engineering and technical and administrative coordination for the systems analysis of the AAAS program, including the effectiveness related to aircraft armament system interoperability, supportability and performance. The incumbent is responsible for the conceptual engineering, program planning and organization to enable understanding of detailed engineering objectives and to direct and coordinate effort in all phases of design, development, test and evaluation.

**Mechanical Engineer, GS-830-12, or Aerospace Engineer, GS-861-12, PD No. 7931005, Code 31803** — This is an interdisciplinary position located in the Advanced Aircraft Armament System Project Office of the Systems Development Department. The incumbent will perform systems engineering and technical and administrative coordination for system test and evaluation of the AAAS program, including the effectiveness related to aircraft armament system interoperability, supportability and performance. The incumbent is responsible for the conceptual engineering, program planning and organization to enable understanding of detailed engineering objectives and to direct and coordinate effort in all phases of design, development, test and evaluation.

**Mechanical Engineer, GS-830-12, or Aerospace Engineer, GS-861-12, PD No. 7931007, Code 31803** — This is an interdisciplinary position located in the Advanced Aircraft Armament System Project Office of the Systems Development Department. The incumbent will perform systems engineering and technical and administrative coordination for system test and evaluation of the AAAS program, including the effectiveness related to aircraft armament system interoperability, supportability and performance. The incumbent is responsible for the conceptual engineering, program planning and organization to enable understanding of detailed engineering objectives and to direct and coordinate effort in all phases of design, development, test and evaluation.



**JOINT PROCLAMATION SIGNED** — Rear Admiral William L. Harris, NWC Commander, and Don Chieze, Mayor of Ridgecrest, sign a joint proclamation declaring Feb. 18-24, 1979, as National Brotherhood Week for all citizens of Indian Wells Valley. Witnessing the signing is Bette Rivera-Sembach, head of the Desert Area Teachers Association's Human Relations Committee. The proclamation declares that men can no longer live as strangers, and that each individual must be a friend and brother to all other men. —Photo by Ron Allen

## Soldering technology experts to gather here Feb. 22-23

About 300 middle and upper management personnel representing companies and government agencies throughout the United States are expected to attend the third annual Soldering Technology Seminar at the Naval Weapons Center on Thursday and Friday, Feb. 22-23.

According to Jim Raby, head of NWC Engineering Department's Soldering Technology Branch, China Lake is the logical choice for the location of the annual seminar. This is not only because of NWC's preeminent position within the Navy and the Department of Defense in the field of solder technology, but because NWC personnel, whose work has involved a large number of missiles and related equipment, have learned that missiles and weapons systems which are not built right the first time become very expensive to remodel.

Raby reports that most of the problems experienced during the normal procurement cycle of sophisticated weaponry occur in the electrical fabrication shops.

**End Result Is Better Product**

"Industry and government have, over the years, been lax in exchanging ideas or information on problems and solutions and just good technical data," Raby stated. "This seminar serves as an excellent means to enhance the exchange of information between government and industry, and to encourage the advancement of the state-of-the-art."

The end result, Raby says, will be a better quality product that also is more cost effective.

**Papers Submitted Early in '78**

Shortly after conclusion of last year's seminar in February 1978, prospective speakers for this year's session began submitting papers related to specific Naval Weapons Center programs.

From the papers that were received, nine were selected for presentation by experts in soldering technology. They will cover a variety of subjects during seminar sessions to be held at the Center theater on Feb. 22 and 23.

Topics covered will range from soldering equipment, testing and controls of acid copper, effectiveness of different flux cleaning procedures to cost effective soldering.

**Basics for Selection**

The speakers were selected by their professional approach toward resolving problems within their own facilities and their willingness to share this expertise with the rest of the world, which hopefully can keep other people from having the same problem.

The first year the seminar was a one-day event with 147 attendees, and the second year it was changed to a two-day event with 255 attendees. This year it appears to be even more of interest than before. The event was considered to be the best technical seminar of the year last year by industry.

On the first day of the seminar, at 9 a.m., a panel led by Joe Sylvester, of the Technology Center, Garden Grove, Calif., will discuss "Soldering Equipment." This will be followed by a presentation on "Solder Joint Failure Analysis Using SEM Techniques" to be given by John DeVore, of General Electric, Syracuse, N.Y., at 11 a.m.

**Buffet Lunch set at COM**

After a buffet lunch in the Commissioned Officers' Mess, seminar attendees will return to the theater at 1:30 p.m. to hear a presentation on "Acid Copper Sulphate Plating, Supplier and User View." The user portion of the talk will be given by John B. O'Brien, from the Raytheon Corp. in Lowell, Mass., while the supplier part will be presented by Tom Malak, of the Harshaw Chemical Co. in Cleveland, Ohio.

Other topics to be covered on Thursday include "Solderability" by Dan Winter and Skip Livingstone of Litton Systems, Woodland Hills, Calif., at 2:25 p.m. and "Testing and Controls of Acid Copper by Larry Franks of Texas Instruments in Dallas, Tex., at 3:30 p.m.

The attendees will have dinner at the Enlisted Mess that evening at 5:30. Jack Russell, head of NWC's Engineering Department, will be the guest speaker.

## Hispanic Employment Program Committee seeks more members

The Naval Weapons Center's Hispanic Employment Program (HEP) Committee is currently recruiting for at least six new members who are willing to serve on the committee on a collateral duty basis.

In the past, this committee has been active in identifying problems affecting those of Hispanic heritage and in developing programs or taking actions that address these problems. The School Visitation Program, the Arvin pilot program and several awareness training programs are all activities in which the HEP Committee has been involved.

The committee needs volunteers who enjoy a challenge, have ideas, and are dedicated to the principles of equality, justice and fair play. NWC employees and supervisors who feel that they meet these requirements, and can spare some of their time to help with this work, are asked to call

the Equal Employment Opportunity Office.

"Remember that EEO equals Everyone, and that you do not have to be a member of an ethnic minority, a female, be able to speak Spanish or be of Hispanic heritage in order to participate actively on the HEP Committee," Joe Lopez, Jr., NWC's Hispanic Employment Program Coordinator, said.

Names of volunteers will be accepted by the EEO office until next Wednesday, Feb. 21, Lopez added.

## Seminar on subject of money matters to be held Feb. 21

"MONEY — A Study in Economics for the American Taxpayer," will be the subject of an informal seminar to be held at the Community Center on Wednesday, Feb. 21.

The seminar will provide attendees with helpful information on income tax reports, borrowing money, and family budgeting.

Jim Duke, an independent agent for H&R Block Tax Service in Ridgecrest, will discuss from 8 to 10 a.m. the kinds of planning that can help taxpayers reduce their income tax payments in future years.

The second presentation on borrowing money and use of lending institutions from 10 to 11:30 a.m. will be given by Peggy Moote, loan officer at the Ridgecrest Branch of the Security Pacific National Bank.

The third session held from 1 to 3 p.m. will be by Ron Kennedy, an instructor of economics and accounting at Cerro Coso Community College. He will discuss "Economics and the Family Budget."

Although sponsored by the NWC Federal Women's Program, the seminar is open to both men and women and "special event" passes will be issued at NWC gates to attendees who do not have regular access to the Center.

## Think Safety

He was speeding along, tried to stop on a dime  
But it cost 5K to stop that time.

## Promotional Opportunities

(Continued from Page 4)

**Program, including the integration and testing of all subsystem developments related to aircraft armament system interoperability, supportability and performance.** The incumbent is responsible for the overall armament system test program including facility, instrumentation and test bed design, fabrication and operation. He is responsible for the technical feasibility and adequacy of test hardware development and fabrication, and verification and integration of advanced concept models, components and subsystems into the test facility. He will develop test plans for the Navy/Air Force Joint Aircraft Armament Interoperable Interface program and for the Navy's technology development program. These duties include responsibility for the definition of armament subsystem performance, supportability and interoperability objectives and approaches in terms of technical and mission requirements, technology demonstration and standards validation. **Job Relevant Criteria:** Must have experience in engineering design, fabrication, and testing programs; incumbent must possess a thorough knowledge of the technical and administrative aspects of managing research and development programs in exploratory and advanced development; must be able to coordinate the work of technical experts in many varied disciplines and be able to communicate and report effectively to provide integration of efforts and assignments; must have experience in documentation to enable understanding of detailed engineering objectives and to direct and coordinate effort in all phases of engineering system analysis.

**File applications for the above with Pat Gaunt Bldg. 34, Rm. 212, Ph. 2514.**

**Electronics Technician, GS-854-8, PD No. 7922009N, Code 3244** — (Promotion potential, GS-11). This position is located in the Applied Science Branch, Advanced Technology Division, Ordnance Systems Department. Incumbent assists in design, development and application of electronic instrumentation used in research, development, and testing of pyrotechnic devices, propellants, explosives, and guns. Assembles appropriate measurement systems, assuring their calibration and satisfactory operation, and operates systems in tests. Assists in a variety of testing (interior ballistics fuel-air explosives, solid-fuel ramjet, etc.). Mathematically converts test data into useful form and prepares interim reports for use in final reports and presentations. **Job Relevant Criteria:** Knowledge of physical science and mathematics; knowledge of electronic instrumentation (e.g. piezoelectric pressure transducers, thermocouples, pyrometers, infrared detectors, high-speed cameras, analog to digital converters, etc.); knowledge of safe handling practices for explosives, propellants, and pyrotechnics.

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

**Mail and File Clerk, GS-305-4, PD No. 7931024N, Code 39022** — Position is custody control point for the Weapons Department. Responsible for receiving, distributing, mailing, storing, disposal, etc. of all secret documents in Code 39. Maintains control files, performs periodic sightings. Performs other mail room duties as required. **Job Relevant Criteria:** Knowledge of secret document handling procedures; knowledge of NWC organization; knowledge of Weapons Department organization; working knowledge of technical terminology to make distribution determinations; ability to understand and apply a variety of manuals and instructions; ability to work independently.

**Interdisciplinary Position — Aerospace Engineer, GS-841, Electronics Engineer, GS-855, Mechanical Engineer,**

**GS-830-11/12; PD No. 7839126E, Code 3911** — This position is located in the RF Anti-Air Branch, Weapon Synthesis Division, Weapons Department. The incumbent is responsible for the design and analysis of autopilots, stability augmentation systems and guidance laws for advanced tactical missiles. **Job Relevant Criteria:** A strong background in classical and modern control theory is required. Experience in state estimation, optimal control and Kalman filtering; ability to develop accurate mathematical models of the subsystems associated with tactical missiles is also required.

**Interdisciplinary Position — General Engineer, Electronic Engineer, Aerospace Engineer, Mathematician, Operations Research Analyst, or Physicist, GS-801/855/861/1520/1515/1310-9/11/12, PD No. 7540138E, Code 3914** — This position is located in the Advanced Concepts Evaluation Branch, Weapons Synthesis Division, Weapons Department. The incumbent initiates and participates in analysis studies of weapon systems involving advanced concepts being investigated under exploratory and advanced development programs. The advanced concepts are analytically evaluated by the incumbent to determine their capabilities and deficiencies related to projected operational requirements. Tasks will include preparation of study plans, threat definition, assessment of mission needs and requirements, and evaluation of weapon system effectiveness using existing or developed analysis techniques and computer models. Work is reported in formal presentations and documents. **Job Relevant Criteria:** Experience in mission and operations analysis; knowledge of statistics and computer techniques; familiarity with naval structure and operations; ability to organize projects and direct the work of others; ability to communicate effectively both orally and in writing.

**Motion Picture Production Specialist, WG-3910-5/7, JD No. 252-2N/64N, Code 9031** — This position is located in the Program Coordinator's Office, Public Affairs Office, Office of the Commander. Incumbent operates and maintains a wide variety of audio-visual equipment which includes 8 and 16mm motion picture projectors, slide projectors, overhead projectors, video players, and tape recorders. Incumbent is responsible for conference room set-up and routine maintenance and repair of equipment. **Job Relevant Criteria:** Ability to operate 16mm projectors; ability to operate audio-visual equipment; ability to make routine repairs of audiovisual equipment; ability to maintain audio-visual equipment; ability to get along with others.

**File applications for the above with Leah Reusch, Bldg. 34, Rm. 204, Ph. 2723.**