

Sparkling 'Up With People' show slated Saturday

A talented group of young people, ranging from 17 to 25 years of age, will bring their sparkling "Up With People" musical program to the stage of the Naval Weapons Center theater on Saturday night at 8.

As musical entertainment for the entire family, the "Up With People" show is upbeat, alive, and invites the audiences to join in with a spirit that can't be ignored.

There are songs from foreign countries, with dancers clad in costumes from each country represented, songs from the '20s up to the '70s, songs and dances for all ages. A 12 piece band travels along with the group to add to the excitement.

The 75 singers, dancers and musicians who will be responsible for presenting tomorrow night's program here are just one of five such groups totaling approximately 425 young people in all who are currently traveling with "Up With People." The entire group of "Up With People" performers come from 18 countries and represents a cross section of economic backgrounds and ethnic origins.

The show itself is an entertaining two hours of music and dancing which includes a broad range of original, contemporary and traditional vocal material backed by an instrumental section of guitars, percussion, piano and brass.

Professionally arranged, directed and choreographed, the production has been acclaimed for its unique combination of high energy and the natural appeal of the young performers.

Traveling with each cast is an educational coordinator who is responsible for making sure that during each tour advantage is taken of the wide variety of learning opportunities that may be available, such as guest speakers and tours of historical, cultural, and artistic interest. In addition, students can work for college credits through the University of Arizona.

"Up With People" has taken casts worldwide for performances in such settings as the White House in Washington, D.C.; Royal Albert Hall, London; Carnegie Hall and Lincoln Center in New York City; the 1972 Olympic Games in Munich, Germany; and during a recent global tour to the People's Republic of China, where a group of "Up With People" representing nine nations spent three weeks visiting six cities. For every paid performance, each cast

California Lutheran College orchestra, choir to perform

A concert choir and orchestra program featuring vocal and instrumental music students from California Lutheran College (CLC) in Thousand Oaks will be held tonight, starting at 7:30, at the Burroughs High School lecture center.

The 90-member traveling group will present varied selections that represent the school's Christian tradition, as well as many popular and contemporary numbers.

Vera Daehlin, a nationally-known marimba player, is accompanying the CLC concert tour, which will be concluded by a program at the Music Center in Los Angeles.

The 50 voice concert choir is directed by Dr. C. Robert Zimmerman, chairman of the CLC Music Department, while the college's concert orchestra is led by Prof. Elmer Ramsey.

Choral music selections on the program will include Gabriel's "O Magnum Mysterium" and "Go Tell It On the Mountain," while the orchestra will play Dimitri Shostokovich's "Festival Overture" and George Gershwin's "American in Paris."

Tickets will be available at the BHS lecture center box office prior to this evening's program. They are priced at \$2.50 for adults and \$1 for students. Children under 6 years of age will be admitted free.

This program is co-sponsored by the Burroughs High School Music Department and the Grace Lutheran Church.



COMING TO CHINA LAKE — The cast members perform a Venezuelan folk dance during the international medley from the "Up With People" show, which will be staged tomorrow night at the Center theater. Tickets to the "extravaganza" may be purchased at several locations in Ridgecrest, including the office of the Daily Independent newspaper on No. China Lake Blvd.

gives approximately six free performances in schools, hospitals, inner-city areas, prisons, elderly people's homes, and at a number of Indian reservations in the southwestern part of America.

With the cooperation of the Naval Weapons Center, arrangements for Saturday night's presentation of the all-new 1979 "Up With People" show were made by the Daily Independent newspaper in Ridgecrest.

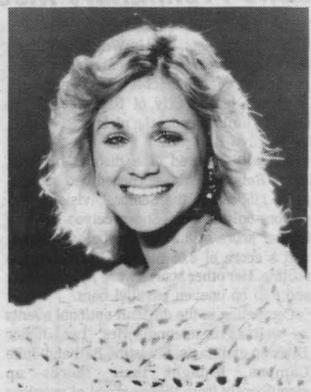
While on tour members live with host families in the communities they are visiting. The show is presented at All Faith Chapel Sun.

A vocal music program featuring well-known religious songs from various countries, as well as the United States, will be presented at 3 p.m. Sunday in the Naval Weapons Center's All Faith Chapel.

The vocalist will be Marjorie Groshart, a lyric soprano from San Diego, who recently returned from a tour of the Philippine Islands, where she sang in military chapels and clubs.

Her piano accompanist for this program, sponsored by the Protestant Congregation of the All Faith Chapel, will be Cynthia McMillan.

Miss Groshart is a 1973 graduate of the



Marjorie Groshart

Conservatory of Music at the University of the Pacific in Stockton, Calif., where she received a BA degree in opera performance. At the present time, she is involved in graduate studies at San Diego State University.

Miss Groshart has been studying singing and opera performance for the past 10 years with some of the finest voice teachers and vocal coaches in the United States.

Her program, called "Moments in Song," is open to the public free of charge. An offering will be taken to help defray expenses of her visit here.

scheduled to appear, which will also be the case here. Tickets for the "Up With People" show are priced at \$4.50 for general admission and \$3 for children, students, enlisted military personnel and senior citizens. They are on sale in Ridgecrest at the Daily Independent newspaper office, Deboni's Ice Cream Parlor, the Vinyl Disc record shop, and at the Gift Mart.



Commissioned Officers' Mess

There's another gala "Membership Night" coming up on Friday, Feb. 9, at the Commissioned Officers' Mess.

Dancing and listening to the music of the "Sounds of Time," a country and rock music group from the local area led by Tony Scanlin, will be on the agenda for the evening.

The main entree for the "Membership Night" dinner will be steamboat round of beef.

The cost for the evening of dining and dancing will be \$3 for members and their spouses, and \$4 for guests.

Those planning to attend are urged to make their reservations early.

Coming up Tuesday is barbecue night at the COM featuring a platter of pork spareribs and chicken, country potatoes, corn on the cob, and hot biscuits and honey.

Thursday, Feb. 8, will be Indian night at the COM. Patrons may choose from a menu offering beef curry with all the condiments or Tandouri chicken.

CPO Club

Tonight the Chief Petty Officers' Club welcomes all members to come and listen to the "Sounds of Time," a local group led by Tony Scanlin, which will be performing from 9 to 1 a.m.

Earlier in the evening (from 6 to 9 o'clock) the CPO club dining staff will be serving prime rib of beef and Icelandic cod.

Coming up on Saturday, Feb. 24, will be the annual CPO Military Ball. This annual dinner dance, which will feature a six piece band, is in honor of all Chief Petty Officers.

On the menu for this special evening will be a full course dinner consisting of prime rib of beef, dinner wine, tossed salad, potato, and vegetable.

Tickets can be purchased at the CPO Club office. Attire for the evening will be semi-formal.

Enlisted Mess

On stage this evening from 9 to 1 a.m. at the Enlisted Mess will be "Hanley Page," a rock group from the Los Angeles area.

For those who wish to dine earlier in the evening, the menu will be Surf'n Turf.

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 2
"THE BUDDY HOLLY STORY"
Starring
Gary Busy and Don Stroud
(114 min., rated PG)

SATURDAY FEBRUARY 3
"UP WITH PEOPLE"
Music and Dancing
7:30 p.m.

MONDAY FEBRUARY 5
"THE GREAT SMOKEY ROAD BLOCK"
Starring
Henry Fonda and Eileen Brennan
(96 min., rated PG)

TUESDAY FEBRUARY 6
"DEATH DRIVERS"
Starring
Mike Allen and Earl Owensby
(99 min., rated PG)

WEDNESDAY FEBRUARY 7
"JAWS II"
Starring
Roy Scheider and Lorraine Gary
(116 min., rated PG)

FRIDAY FEBRUARY 9
"THE WINGS OF AN EAGLE"
Starring
Ed Durden and Kent Durden
(99 min., rated G)

SATURDAY FEBRUARY 10
"FREAKY FRIDAY"
Starring
Barbara Harris and Jodie Foster
(98 min., rated G)
1:30 Matinee-regular adm.
"BAKERS HAWK"
Starring
Clint Walker and Burl Ives
(97 min., rated G)

Southern fare to be served at Enlisted Dining Facility Tues.

As a part of the many local activities planned in connection with the observance of Black History (Feb. 5 to 11), a "Southern Soul Night" dinner will be served on Tuesday from 4:30 to 5:45 p.m. at the Enlisted Dining Facility.

Featured on the menu will be such entrees as southern fried chicken, barbecued spareribs, pork hocks, blackeyed peas, southern-style greens and cornbread.

All active duty military personnel, their dependents and guests are invited to eat at the mess hall on Tuesday night.

Cost of the meal, which will be collected at the door, will be \$1.30 each for active duty enlisted personnel on commuted rations; \$1.60 for military officers, dependents and guests; and 95 cents each for children under 12 years of age.

Closed for repair work

The Special Services Division has announced that the Woodworking and Electronics hobby shops will remain closed through about Thursday, Feb. 8, while Public Works employees complete heating system repairs.

The Hobby Store, which has been closed for inventory, will reopen and remain open during regular hours beginning Tuesday.

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From: _____

To: _____

PLACE
STAMP
HERE

nwc rocketeer

Naval Weapons Center
China Lake
California

February 2, 1979
Vol. XXXIV, No. 5

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OUTSTANDING EFFORT RECOGNIZED — This past Monday, four Centerites were the recipients of Technical Directors Awards that were presented by Bob Hillyer (at right), NWC Technical Director. Commended for their outstanding technical accomplishments in connection with Phase 1 of the PAVE PRISM tests, were (l.-r.) Donald W. Cooper, Gary Ozunas, LCdr. William R. West and Albert C. Koch. — Photo by Ron Allen

Four Centerites receive Technical Director Award for PAVE PRISM test work

Three civilian employees and a Navy project pilot assigned to the Naval Weapons Center's Weapons Department on Monday were presented the NWC Technical Director Award for outstanding technical accomplishment.

Those chosen to receive this special form of a Superior Achievement Award were Donald W. Cooper, Albert C. Koch, Gary A. Ozunas and LCdr. William R. West.

According to Bob Hillyer, NWC Technical Director, who presented the awards during the weekly Commander's meeting, all four men were responsible recently for a series of PAVE PRISM tests that will have a significant effect on future short range, air-to-air warfare.

"This test series was handled very professionally — from data collection and data reduction to the presentation around the country of information about the tests," Hillyer stated prior to presenting the Technical Director Awards, which include a

letter of commendation, an engraved paperweight and a \$200 stipend.

Cooper, an electronics technician, is head of the Short Range Air-to-Air Missile (SRAAM) Program Office in Code 39; Koch, a mechanical engineer in the Weapons Department's Laser Guidance Branch (Code 3942), is the NWC project engineer; Ozunas is an electronics engineer in Code 3942; and LCdr. West, who is assigned to Code 39's Advanced Medium Range Air-to-Air Missile (AMRAAM) Support Office, is the project pilot.

PAVE PRISM is a joint Navy / Air Force seeker test and infra-red measurements program which was established with a threefold objective. The first phase of the program was a series of ground-to-air seeker tests conducted by the Naval Weapons Center for the purpose of (1) resolving apparent discrepancies of seeker behavior in the Air Intercept Missile Evaluation (AIMVAL) Program, and (2) assessing state-of-the-art seekers to determine the feasibility of achieving the performance required to meet the draft Advanced Short Range Air-to-Missile Joint Service Operational Requirements.

Notable Accomplishments

The achievements of the NWC team in Phase 1 of this program were reported to be "virtually unprecedented in the area of missile seeker test and evaluation." Accomplishments included:

1. Developing a technique for unambiguously determining acquisition of a target by a seeker.
2. Developing instrumentation for evaluation of multiple seekers (up to nine) simultaneously against the same target background.
3. Resolving the apparent AIMVAL discrepancies with data that has been accepted by both services, by the Office of the Secretary of Defense, and by industry.

(Continued on Page 3)

January '79 rates as wettest month on record here

January 1979 has gone down in the book as the wettest month on record at China Lake, John Gibson, of the Naval Weather Service Environmental Detachment at Armitage Field, reported Wednesday.

By Wednesday morning six inches of snow was on the ground with another four inches due before the Arctic storm ended. The northerly flow of Arctic air was expected to keep temperatures down throughout the rest of the week; consequently, not much melting of the snow cover was anticipated at press time for THE ROCKETEER.

Gibson said the January 1979 record moisture amounted to 2.68 inches as of 8 a.m. on Wednesday. There is about one inch of moisture in about 10 inches of snow. The previous record was 2.65 inches set in January 1970. Last January there was 2.10 inches of rain. The average precipitation for January is a half-inch.

Roads leading to the Center were slippery and mushy with snow on Wednesday morning. A liberal leave policy was set for civilian employees who were unable to drive safely to work.

Varied activities scheduled as part of local observance of Black History Week, Feb. 5-11

Black Progress in America will be the theme of NWC's observance of Black History Week from Feb. 5 to 11. Planning for the week's events was coordinated by the Equal Employment Opportunity office staff.

A variety of activities is being planned in order to include as many local area residents as possible in this week-long



Dr. Kenneth Maloney reminder of contributions of black people to this nation's history.

Activities will begin on Tuesday, Feb. 6, with a series of seminars that will continue through Thursday, Feb. 8, at the Community Center. This will be followed by one of the highlights of the week's events — a banquet on Thursday night at the Enlisted Mess.

Black History Week will be climaxed by a commemorative service honoring the memory of Dr. Martin Luther King, Jr., at the All Faith Chapel on Sunday, Feb. 11.

Dr. Kenneth Maloney, manager of the Materials Analysis Area for the Xerox Corp., Rochester, N.Y., will be the featured speaker during Tuesday's program from 9 to 11:30 a.m. His subject will be "Progress, What Is It?" and "Technology and the Black Peoples' Influence on World Economy."

Dr. Maloney will analyze the impact of technology on world economy, and discuss the influence black Americans have had in both of these areas. He will be addressing this topic both as a scientist and as a senior manager of one of the nation's leading corporations in advancing technology.

Tuesday afternoon's session from 1 to 3 will be a panel discussion on "Black Careers in the Trades and Crafts." A group of NWC artisans and craftsmen will discuss their own experiences in competing in a world of advancing technology. They will discuss their achievements, the opportunities afforded them by technology, the problems they have encountered in their careers, and how they resolved them.

To Discuss Black Education

Dr. Clyde Aveille, associate director of the Educational Testing Service in Washington, D.C., will speak on "The Education of Black Americans" at Wednesday's seminar from 9 to 11:30 a.m. in the Community Center.

He will re-examine the status and

potential of the education of Black Americans. In addition, he will discuss the level and quality of education of the black population, comparative relations between black and white populations, the value of education in the total American situation, and future projections regarding education in general and that of blacks in particular.

Dr. Aveille is well-qualified to talk on education for not only have his writings been published in several professional journals, but he serves regularly as an associate professor at George Washington University.

Panel Discussion on Thursday

"Black Progress in a White Environment" will be reviewed by a distinguished panel on Thursday from 9 to 11:30 a.m. in the Community Center. The panelists will look at the recent progress of black Americans with a discussion concerning the question of when race becomes secondary to one's credentials and achievements.

(Continued on Page 3)



MILITARY SNOWMAN — Navy personnel at China Lake put the finishing touches on a snowman created in front of the Military Administration Building on Wednesday morning. It is all decked out in shore patrol gear, including night stick, hard hat and police badge. — Photo by Ron Allen



NEW OFFICERS INSTALLED — Past president Donna Hunker passes the gavel of office to her successor, Karen Fielder, during installation ceremonies held by the Chief Petty Officers' Wives' Club at the CPO Club last Saturday night. From left to right are Mrs. Hunker; Mrs. Fielder; Patti Henderson, vice president; Sue Gillen, secretary; Elizabeth Cook, treasurer; and Mrs. Jean Harris, installing officer. — Photo by Ron Allen

New officers installed during CPO Wives' Club dinner meeting

The Chief Petty Officer's Wives' Club installed new officers at a dinner meeting held at the CPO Club last Saturday night.

New officers, installed by Mrs. Jean Harris, wife of RAdm. William L. Harris, NWC Commander, were Karen Fielder, president; Patti Henderson, vice president; Sue Gillen, secretary; and Elizabeth Cook, treasurer.

Outgoing officers were Donna Hunker, president; Loretta Barrett, vice president; Carolyn Hendry, secretary; and Bonnie Tucker, treasurer.

Officers of the CPO Wives' Club are elected for one year. They are part of the active membership of the club, which is made up of wives of active duty members of the Armed Forces in pay grades E-7 through E-9.

Mrs. Fielder, who arrived here from Lemoore, Calif., in August 1978, has been a past president of squadron wives' clubs, a squadron ombudsman, and chairman of the ombudsman council.

After arriving here from the Air Force Base, Calif., in February 1978, Mrs. Henderson became the secretary of the El Ranchito School in Ridgecrest and, in addition, writes a plant care series for the Daily Independent.

Mrs. Gillen arrived at NWC from Treasure Island, Calif., in June 1978, while Mrs. Cook arrived at the same time, but from Whidbey Island, Wash.

The club meets on the first Monday of each month at 8 p.m. in the CPO Club. In addition there is usually a monthly social that includes husbands and/or families.

A non-profit organization, the group will aid, assist, and promote functions and entertainment of members. In so doing, the wives encourage friendship and assist in other Center activities or welfare work within their means. This is the 20th anniversary year of the China Lake CPO Wives' Club.

The mistress of ceremonies for the installation dinner was Mrs. Carolyn Hendry, wife of AFM John Hendry, NWC leading chief.

Cdr. Rod Wallace was the chaplain for the evening affair, which began with a social hour at 6:30, installation at 7 and dinner at 7:30.

Mountain climber to present talk at Sigma Xi dinner

Dr. F. Duane Blume will be the guest speaker at the China Lake Branch of Sigma Xi fall/winter dinner meeting which is to be held at the Chief Petty Officers' Club on Wednesday, Feb. 14.

The public is invited to hear Dr. Blume speak on "Mount Everest . . . A New Approach." Tickets to the events must be bought before tomorrow.

Dr. Blume, professor of biology at California State University, Bakersfield, was a member of the 1971 United States Mount Everest Expedition. He served as oxygen officer. In 1981 he will again be going to Mount Everest as deputy expedition leader.

The Sigma Xi dinner meeting will begin with a social hour at 6, and a dinner featuring a main entree of chicken conder bleu served at 7. The program by the guest speaker will follow at 8. Tickets, priced at \$6 each, may be ordered by calling Ken Pringle at NWC Ext. 2206 or Ken Bischel at Ext. 2425.

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 972, Ext. 2064. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-116, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Clerk (Typing), GS-301-3, PD No. 7923002N, Code 2302 — This position is located in the Operations Management Office of the Technical Information Department. Duties include providing clerical support to the contract administration function and the staff office. Also, operates a courier service for the department. Job Relevant Criteria: Ability to type; ability to maintain office files; knowledge of clerical operations; ability to drive a Navy pickup.

Security Clerk, GS-301-5, 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 from the employees. 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 personnel security instructions and regulations; knowledge of Naval correspondence format and policies; ability to work independently; ability to communicate effectively with people.

Electronics Technician, GS-856-9, PD No. 7923003N, Code 2321 — This position is located in Video Projects Branch, Presentations Division, Technical Information Department. Principal duties are the maintenance and calibration of electronic equipment used in studio and field production and test equipment. The incumbent also provides technical studio and field production assistance. Job Relevant Criteria: Ability to install, maintain, and calibrate television equipment such as cameras, switches, video tape recorders; knowledge of television theory; knowledge of logic and digital systems; ability to read and originate schematics; ability to drive a light truck; ability to distinguish colors; ability to lift weights up to 70 lb.

Clerk-Typist, GS-322-3/4, PD No. 7284008E, Code 3433 — This position is located in the Classification Program Office of the Safety and Security Department. The incumbent types official correspondence, memoranda, reports and other documents. He/she acts as receptionist for the office and collects and prepares information for the supervisor's use. The incumbent maintains the contract logs and overall classification project cards which correspond directly to project files and gives current status of contracts involving this Center. The incumbent also maintains files for the office. Job Relevant Criteria: Ability to type accurately and efficiently; knowledge of the rules of grammar, punctuation, and spelling; ability to work independently; knowledge of Navy correspondence policies and procedures; knowledge of mail handling procedures for classified and unclassified correspondence; have a working knowledge of Security Regulations, Manuals and Classification Guides.

File applications for the above with Charlotte Sleskowski, Bldg. 34, Rm. 208, Ph. 2318.

Procurement Clerk (Typing), GS-1104-4/5, PD No. 7025005, Code 2522 — This position is located in the Purchase Branch, Contracts Division, Supply Department. Incumbent will type purchase documents such as delivery orders, requests for quotation, change orders, blanket purchase agreements, insuring that appropriate clauses and conditions are cited. Will also maintain branch records and other associated clerical duties. Job Relevant Criteria: Knowledge of procurement methods; ability to interpret instructions; ability to meet and deal effectively with others; ability to meet deadlines under pressure.

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

Mechanical Engineering Technician, GS-802-9, PD No. 7921024, Code 3184 — This position is located in the Survivability/Lethality Facilities Branch of the Systems Development Department. The incumbent assists in the design, development, and testing of facility improvements. He assists with and to some extent independently designs special test support structures and modifies aircraft structures, powerplants, fuel systems, hydraulic controls, fire extinguishing systems, and aircrew environmental control and escape system. The incumbent directs testing operations in accordance with standard operating instructions. He reviews and or recommends changes to test plans for test programs performed at the facility. He is responsible for the review of test data to insure the technical validity of tests conducted and to identify any test modification required prior to further testing. He provides technical assistance to test program managers during the development of a test program. Job Relevant Criteria: Primary knowledge of testing procedures; materials handling procedures; skills in fabrication and equipment operation. Promotion potential, GS-11.

Secretary, GS-318-5, PD No. 7928005, Code 385 — This position is located in the Chemistry Division, Research Department. The incumbent provides a variety of personal and private secretarial/clerical services to the division head, branch heads, administrative officer, and consultants assigned to the division staff office including review and referral of incoming correspondence and the preparation and release of outgoing correspondence; composing replies for those items of a routine nature; reception and routing of official visitors; scheduling arrangements for, and announcing division meetings, seminars and colloquiums; keeping an accurate calendar of events for the division staff; and handling office telephone traffic for staff members; and typing of personnel action requests and position descriptions.

Relevant Criteria: Must be able to deal effectively and tactfully with all members of the division and people of all types who make contact with the division; must be able to spell and type accurately.

Electronics Engineer, GS-855-12, Computer Scientist, GS-1550-12, PD No. 7931013, (6 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 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 weapon/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.

Clerk-Typist, GS-322-3/4, PD No. 7831001-3, Code 31509 — This position is that of a word processing secretary. The incumbent's duties involve typing of all correspondence, memoranda, official letters, reports, technical and statistical reports and narratives. The incumbent is required to proof all output. Job Relevant Criteria: Basic knowledge of formats of all types of correspondence and reports; a basic knowledge of DoD and NWC regulations, correspondence and report format; ability to work under pressure. Previous applicants need not reapply.

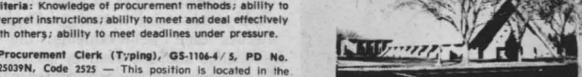
File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Aerospace Engineer, GS-841-12, PD No. 7923005, Code 3243 — Located in Aerodynamics Branch, Advanced

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DEADLINES
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
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Phones 3354, 3355, 2347



DIVINE SERVICES

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

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

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation 0830-1130
Sunday 0815-1245
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel.

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

RELIGIOUS EDUCATION CLASSES
Sunday First thru 6th grades 1015
Sunday Pre-school & kindergarten 1115
Sunday seventh & eighth (Junior High) 1900
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday evening Ninth thru 12th grades
As announced "In Home" Discussion Groups Youth Rallies
Contact Chaplain's Office for specifics.

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

China Lake golfers defeat team from Antelope Valley

In weather not ideally suited for playing golf, a 16-man team representing the China Lake Golf Club defeated visitors from the Antelope Valley Country Club in Palmdale by a score of 34-14 in a partner's best ball match played Sunday at the local golf course.

This was the first in a series of round robin matches between four teams from the high desert area that are entered in Southern California Golf Association competition.

The partners of John Faron-Bob Beck and Jim Smith-Jack Mussler led the China Lake team by each picking up 6 points — the maximum number possible.

A dinner for the golfers was held on Sunday evening at the Enlisted Mess following the day-long competition.

This weekend, the China Lakers will travel to Palmdale for a return match with the AV Country Club golfers.

Nelson wins senior men's golf tourney

Ed Nelson, head of the Metrology Branch in the NWC Engineering Department, last Saturday won the China Lake Golf Club's first senior men's golf tourney.

This event, which was open to all male golf club members 50 years of age and over, drew a field of more than 40 golfers.

Nelson won the tourney and the first place low gross prize with an 18-hole score of 79, while Dick McLaughlin placed second with a score of 81.

Low net winners (gross score minus handicaps) were Ernie Stevens (62), Paul Higgins (66), Hank Dover (71) and Al Hoyem and Doug Hopkins (71 each).

Intramural League . . .

(Continued from Page 6)

The Night Stalkers, who had little difficulty defeating the T.P.Q. squad, were led in the scoring department by Dave Taylor (18), Ted Neideigh (16) and Mike Lopez (14). Top scorers for T.P.Q. were Henry Attansio (14) and A. O. Chesney (12).

Mike Hansen tallied 21 points and Perry Kimmman 14 for the Low Doze in their lopsided win over The Heat. Mike Thomas broke into the double-figure scoring column for The Heat with 12.

BHS hoopsters defeat Palmdale . . .

(Continued from Page 6)

varsity's final margin of victory to 83-63. Burroughs guard Ricki Drake was the game's high point man with 17; two of his teammates, Mike Wirtz and Steve Motte, tallied 15 points each, and Ron Garrett pitched in 11.

Top scorers for the Rebels were Al Tanner (13), Perry Husband (12), and Mark Mueller and Tom Wade (10 points each). The Burros hit on 33 field goals compared to 21 for Quartz Hill and made good on 17 out of 26 free throws (64 percent).

Another harrowing finish marked the BHS varsity cagers' 66-64 loss to the Antelopes in Lancaster.

Mike Wirtz, Burros forward and the game's high point man with 19, hit a field goal with 30 sec. left to play that reduced the AV lead to 66-63, and Steve Motte drew a foul while driving in for a shot at the basket.

Officials ruled that Motte was not fouled in the act of shooting, and he was awarded a one-and-one free throw try. He coolly hit the first charity toss to make the score 66-64 in favor of the Antelopes and strategy called for deliberately missing the second one so that a teammate would have a chance at the rebound and a field goal which would have given the Burros a 1-point lead.

Everything went as planned, except that the basket which was dropped in on a rebound by a BHS player was nullified when officials ruled that the player had entered the foul lane too soon. The game ended seconds later with the Antelopes clinging to

employee in the spotlight

By Ernest R. Suttton

Rocks and weapons have little in common except perhaps man between ancient unrecorded wars might have started collecting rocks to have them on hand for defense in case of attack.

About this time he might have noticed that one rock was prettier than the rest. Very possibly he put it aside to admire and to show to his friends and because of this he became the world's first rockhound.

Just like early man, Craig Rae found rocks first, then came weapons. Rae is an electronics engineer in the Engineering Department's Systems Evaluation Branch (Code 3635).

"When I was about 11 years old, my dad got me a little rock outfit and material from a store in Ann Arbor, Mich. It was then that I started collecting, cutting and polishing rocks as a hobby," Rae said.

Came to NWC as junior professional

In June 1966 on graduation from the University of Michigan, Ann Arbor, he was recruited at age 22 for the Junior Professional Program at China Lake. On completion he was assigned to Code 5522 in the old Engineering Department to work on the Shrike missile. Twelve years later he is still involved with Shrike.

"For two years the Shrike program — weapons — were about my only interest. Then, I saw one of the gem shows given by the Indian Wells Valley Gem and Mineral Society at the Community Center. Within a week, I was back in the hobby, becoming a member of the local club," he stated.

Since that time, Rae has served as treasurer of the Indian Wells Valley club, co-show and show chairman, and a sponsor. During the past nine years as a sponsor, he has been responsible for opening the club house, monitoring equipment to make sure it is used properly, and instructing beginning rockhounds in the use of rock cutting saws and related equipment.

Many good collection areas near NWC

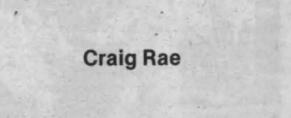
"This is an excellent area for a rockhound to live," Rae reports. "The rock club has a claim just south of Ridgecrest in the Black Mountain area, called Rainbow Ledge. That's one good collection area, but there are others, such as Sheep Springs and Honey Hill. As a matter of fact, there is good material throughout the desert and mountains from here to Barstow."

About three years after joining the Gem and Mineral Society in 1968, Rae also became a silversmith.

"I got into silversmithing because some of the stones I par-

Ancient weapon collector might have been world's first rockhound . . .

Craig Rae



ticularly liked were too valuable to cut to standard shapes. I found myself cutting and polishing a bunch of stones for which I had no settings. I decided that the only way I was going to be able to set my unusual stones would be to make my own settings," Rae said.

After some 20 years collecting "pretty rocks," Rae has become quite knowledgeable on the subject and can distinguish stones from different areas of the country.

Rae knows his rocks

"That's a Montana agate you have in that ring on your finger. It's one of my favorite stones," he told this Rocketeer reporter. "I like working with Montana agates best because of the pictures and scenery you get periodically. I have a stone that looks like a bear cub, another like a fish, and a slab which looks like Siamese cats facing each other." He also likes to work with fire opals and fire agates to make rings, necklaces, pins, and belt buckles.

Although he did a lot of collecting when he first joined the club, now with his silversmithing and other outside activities, Rae finds it easier just to go to a good rock shop and purchase the rough stones. "You get good quality material this way," he said.

"Over the years I have made a lot of jewelry and after spending many hours of time and labor, I've become extremely fond of what I'm making. Thus, I either keep what I make or give it as presents to my relatives and friends. However, I do sell some of my work but because it means so much to me I don't really try to sell it," Rae said.

With the cost of gold skyrocketing in price, Rae says he's glad that silver is staying at a moderate price. The typical gold setting alone could cost almost \$200 whereas the average silver setting is still only about \$25.

When he's not working with stones after working hours, Rae can be found either on the racketball courts or the bowling alley at China Lake. If he's not there, he has gone fishing or out managing the seven apartments he owns in Ridgecrest.

"One of my favorite past-times is fishing. I fish the Owens and Kern Rivers mostly but sometimes I hike into the back country of the Sierras, but this takes more time. I also like to go ocean fishing out of San Diego," he said.

Rae surmises that his rock collecting and jewelry may not always remain a hobby, it may become business. With a far away look in his eye as he gazed at the mountains bordering the Naval Weapons Center, he mused, "Agates are now selling for about \$4 per pound and with a real good find, you could make a lot of money."

Three Class II girl gymnasts do well in Zone Preliminary Meet at Westlake Village

The final Zone Preliminary Meet for Class II gymnasts, held in Westlake Village last weekend, saw three local girls make a good try for district-level competition. Members of the City of Ridgecrest's Hi-Desert Tumbleweeds, the girls are coached by Marilyn Ball.

Virtually ensured of a district berth is Betsy Babcock, who garnered two second-place ribbons in the Senior Division compulsory-only events. She received ribbons for her score of 8.25 on the balance beam and a score of 8.05 for her floor exercise routine. Her other scores were 7.75 for vault and 6.25 on uneven parallel bars.

Competing in the difficult optional events as well as in compulsories, two Junior Division gymnasts, Christine Ball and Julie Campos, brought their scores up significantly from those earned at previous Zone Prelims. Miss Ball, who earned an all-around total of 45.10, received her top score (8.2) in the compulsory floor exercise. Her optional score in this event, a 6.6, was also very respectable under new, more rigid rules for levels of difficulty in superior moves.

Miss Campos earned an all-around combined total score of 50.75. Strongest in compulsories, she kept her scores in these four events in the 7s and 8s, with a high score of 8.25 in vaulting. "Both Julie and Christine feel much better about how they did all-around," said Mrs. Ball. "They have a better feel for where they have to push to

improve for next time."

Mrs. Ball expects to be notified within the next few days on who the local participants in district-level competition will be. The district meet involves the top 14 girls in each age group for six Southern California zones that encompass a large section of the state.

Rec. Roundup . . .

(Continued from Page 6)

On alternating Wednesday nights, racketball court No. 2 is reserved for either men or women.

Women's Soccer League
A meeting to determine the amount of interest which exists in forming a women's soccer league will be held at 10 a.m. tomorrow at Schoeffel Field.

Female athletes of all ages are invited and urged to be present for both a soccer practice session and a discussion regarding plans to organize a soccer league for women.

Those interested, but unable to attend tomorrow morning's meeting, can obtain additional information by calling Carol Rindt at NWC Ext. 3214.

Golf Club Meeting Slated
A general meeting of members of the China Lake Golf Club will be held tomorrow, starting at 7:45 a.m., at the golf course clubhouse. The possibility of holding evening meetings at which movies will be shown will be discussed.



Recreation Roundup

Entries sought for 11th Naval District racketball tourney

The 11th Naval District's invitational racketball tournament will be held at the Naval Air Station, Miramar, during the week of Feb. 26 through March 2.

Military personnel from the Naval Weapons Center interested in participating in this event must contact Paul Baczkiewicz, NWC athletic director, no later than Monday by calling NWC Ext. 2334 or 2571.

Private Swimming Lessons

Private swimming lessons for adults, taught by a qualified water safety instructor, are now being offered at the Center's indoor swimming pool.

In order to be eligible for this instruction, individuals must either be active duty military personnel or Athletic Association members.

Prospective students may choose a time and day to suit their needs by selecting one, two or three 30-min. sessions per week. The schedule of classes follows:

Monday, Wednesday and Friday from 9 to 9:30, and 9:30 to 10 a.m.; and Friday at half-hour intervals starting at 1 and ending at 3 p.m. The charge is \$3 for each 4-week period of swimming lessons.

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

Racketball Challenge Night

Racketball court No. 2 will be reserved from 6 to 8 o'clock on Wednesday, Feb. 7, for women who wish to take part in the racketball challenge night program. This activity has been initiated in an effort to encourage more Centerites to use the racketball courts at the NWC gym.

(Continued on Page 7)

China Lake Soccer Club defeated 5-1 by George AFB

Fielding a 10-member team made up of five experienced adult players and five students from Burroughs High, the China Lake Soccer Club suffered a 5-1 loss last Saturday in a game played against the George Air Force Base squad on the Hesperia Junior High School athletic field. The weather (a strong, cold wind was blowing throughout the game) and the superior performance of the George AFB team, whose members included several NATO pilots who are in this country on training assignments, combined to result in the worst loss of the 1978-79 season for the China Lakers.

The host team scored twice in the first minutes of the game and added two more goals before the halftime intermission.

Trailing 4-0 as the second half got underway, the China Lakers produced their only goal when Russ Birkhead, left wing, eluded his defender and worked the ball in close enough to boot it into the net.

This lone second half tally by the local team was matched by the George AFB squad — resulting in a final score of 5-1.

In addition to Russ Birkhead, China Lake soccer players who braved the elements and then played a man short of the 11-player limit for a soccer game were Ross Miller, George Miller, Ross Heimdahl, John Piri, Mark Burnmeister, Karl Kauffman, Steve Lee, Roy Birkhead and Guy Kinley.



RACKETBALL TOURNEY WINNERS — The winners and top runner-ups in last weekend's racketball tournament for women received trophies for their efforts from Gene Simpson (at left), the tourney coordinator, and Paul Baczkiewicz (at right), NWC athletic director. The trophy winners are (l.-r.) Colleen McKenzie, Peggy Robison, Kelly Moulton and Dorothy Saitz. McKenzie and Saitz placed first and second, respectively, in the advanced division, while Robison and Moulton placed one-two in the novice division. — Photo by Ron Allen

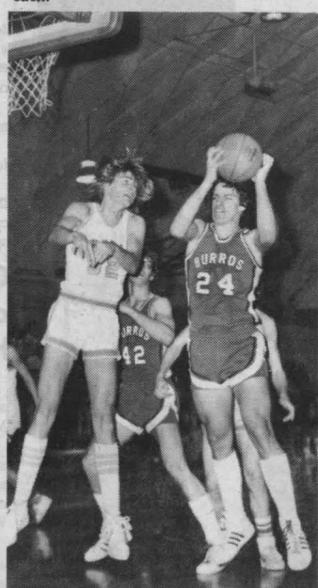
BHS varsity cagers defeat Palmdale, face rugged test against Hart High

The Burroughs High School varsity basketball team, coached by Larry Bird, faces an uphill battle tonight in an effort to stay in the race for the Golden League lead. On tap this evening for the Burros is a game against the league-leading Hart High School Indians in Newhall — a team which the BHS varsity edged 62-61 in a game played within the friendly confines of the Burroughs High gym on Jan. 12.

Since that time, however, the Burros were upset 66-64 last Friday night in Lancaster by their opponents from Antelope Valley High — a team which they trampled 79-45 in a game played at home on Jan. 13.

This past Tuesday night, however, the Burros got back on the winning track by posting a convincing 83-63 win over the Quartz Hill Rebels, who are at the low end of the totem pole in the Golden League standings.

The game against the Rebels was pretty much a routine affair, compared to the nail-biters in which the local high school cagers have won two league games by a 1- or 2-point margin and lost two games by 2 points each.



LOTS OF HUSTLE — Mike Wirtz (No. 24), forward for the Burroughs High varsity basketball team, grabs a rebound under the hoop in Tuesday night's game against Quartz Hill. Tom Wade is the nearest opposing player. The Burros won the game, 83-63.

The Burros, whose 83 point total was the highest of the 1978-79 season, trailed only briefly in the opening moments of the first quarter in the game against Quartz Hill, but then moved steadily ahead — building up a 22-13 lead after the first 8 min. of play.

During the second period, a rally by the visitors cut the BHS varsity cagers' lead to 30-28 with 2½ min. left to play before the half. During that interval, however, the Burros outscored the Rebels 12-6 to go into the locker room at the half with a 42-34 lead.

In the final two periods of play, it was all Burros as the locals built up a 22 point lead in the latter part of the third quarter, and led by as much as 25 points (81-56) in the closing moments of the game before a brief surge by the visitors reduced the BHS

(Continued on Page 7)

All-military team continues to lead Div. A in China Lake Intramural Basketball League

First and second place standings in Division A of the China Lake Intramural Basketball League remained unchanged last week as the two top teams — the Pride and Time Out — each won another game.

The Pride, an all-military team which is in first place with a 7-1 record, defeated Desert Motors, 67-63, while the Time Out squad knocked off the winless Loewen's Chukars, 61-52.

In its win over Desert Motors, the top scorers for the Pride, who led 37-30 at halftime were Tony Bolden (15) and James Carr (11). The game's high point man, however, was Mike Rindt of Desert Motors with 17. Other leading scorers for Desert Motors were Vic Jensen (13), Gary Barnes (12) and Jack Eisel (10).

The Time Out hoopers were led by Tim Cornelius and Gary Clark, who tallied 23 and 19 points, respectively, in their team's win over Loewen's Chukars. In addition, Bob Bailey chipped in 11 for the Time Out team.

The Chukars, who trailed 28-24 at the half, had three players in the double-figure scoring column. They were Gary Ziegler (18), and Mike Machowsky and Al Sorenson, who had 10 points each.

In Division B competition, the second place Loewen's B team had a struggle on its hands, but pulled out a 56-52 win over the Dispensary, while the front-running Turtles had an easy time of it as they trounced the last place T.P.Q. squad 61-34.

Terry Roberts of the Dispensary squad was the high point man with 19 in the Dispensary vs. Loewen's B team game, and Dave Taylor, a teammate, added 12 in a losing cause. Garyl Smith led the Loewen's B team with 16.

In the Turtles vs. T.P.Q. contest, the

Women's racketball tournament held; results announced

Colleen McKenzie, head of the Communications Division in the NWC Military Administration Department, last weekend emerged as the winner of the advanced players' division in the women's racketball tourney staged by the Special Services Division.

In the finals of the advanced division competition, McKenzie defeated Dorothy Saitz, the tourney runner-up, by scores of 21-16 and 21-5. In previous tourney matches between these two players, McKenzie won the first, 21-9, 21-9, and lost the second to Saitz by scores of 21-12 and 21-15.

McKenzie and Saitz each received trophies for their efforts in the women's racketball tourney.

Third place in the advanced division of the tournament went to Lynn Becker, who lost her first match to McKenzie by scores of 21-5 and 21-7. This dropped her into the consolation bracket of the double elimination competition where she outscored Chris Schneider, 21-5, 21-17, before being eliminated as the result of a loss to Saitz by scores of 21-19, 21-3.

Other entrants in the advanced division of the women's racketball tournament were Pat Johnson and Vicki Munro.

The novice class competition was won by Peggy Robison, who defeated Kelly Moulton (the runner-up), in a match that was extended to three games. Robison won the first game, 21-3, lost the second 20-21, and won the third, 11-3.

Moulton, dropped into the consolation bracket by an early-round loss to Robison, bounced back by defeating Donnie Wood, 21-5, 21-5, and Wood, who garnered third place in the novice class, outscored Beverly Clavet, 21-15, in their first game, lost the second, 17-21, and then won the third game, 11-8.

Other participants in the novice class competition were Marry Ellen Ogren and Terry Kinney.

Duties of tournament coordinator were handled by Gene Simpson.

Technical Director Awards . . .

(Continued from Page 1)

4. Providing government laboratories and industry with data which gives them an accurate assessment of their state-of-the-art seeker capability.

5. Conducting a program in which there was close cooperation and mutual information exchange between the Navy, Air Force and industry.

6. Completing a new generation test program on schedule and under budget.

The Technical Director Award was presented to Cooper in recognition of his contributions as the NWC PAVE PRISM manager and also as the co-chairman of the national PAVE PRISM steering committee.

Formulated Broad Objectives

Cooper, it was noted in the letter of commendation which accompanied the award, participated with other steering committee members from the Navy, the Air Force and the Institute for Defense Analysis in formulating the broad objectives of the program. "Although many diverse points of view were expressed by other committee personnel and from participating members of industry, you (Cooper) were successful in dealing with all parties in assuring that the test goals were adhered to within the cost and time constraints of the program," it was stated in the letter of commendation.

As the project engineer, Koch was responsible for conducting the tests and coordinating the efforts of all government and industry personnel so that the hardware

integration and pre-test checkout could be accomplished and schedules met.

It was brought out in the letter of commendation presented to Koch that "this effort was particularly demanding since competing contractor personnel were working side-by-side and all had requirements peculiar to their systems. The respect that you earned from all participants is a testimony to your sense of fairness and your objectivity," it was added.

Ozunas was commended for his contributions to a program that was the first attempt to develop instrumentation for evaluation of multiple seekers (up to nine) simultaneously against the same target/background.

"Due largely to your creativity and excellence in electronic design, a unique instrumentation design was developed to obtain the required simultaneous data on all seekers," it was stated in the letter of commendation to Ozunas. This design also permitted straight-forward and rapid data reduction which resulted in significant cost savings.

Test Pilot Commended

Presentation of the Technical Director's Award to LCDr. West was in recognition of his contributions in test planning and his work as test pilot.

The technical expertise provided by LCDr. West insured that realistic test methods were adopted for design and execution of the PAVE PRISM ground-to-air seeker tests at NWC and the air-to-air portions conducted at Eglin and Nellis Air Force Bases. He also prepared the countermeasures test plan for the program.

The letter of commendation which accompanied the Technical Director Award presented to LCDr. West stated, in part: "As project pilot for the target aircraft, your superior airmanship with nearly perfect adherence to pre-planned flight paths resulted in efficient collection and rapid reduction of data. Your superior airmanship and consistent professionalism won the admiration of all the test participants."

Mobile blood bank schedules visit to Ridgecrest Tuesday

Another of the regularly scheduled visits to Ridgecrest by the Houchin Community Blood Bank's mobile unit from Bakersfield will take place on Tuesday, from 1 to 6 p.m. Pints of blood contributed to the Indian Wells Valley Blood Bank's Advanced Fund will be collected at the Ridgecrest Elks Lodge, 200 E. Church St.

According to Kay Thoms, chairman, individuals may designate the person to whom their blood is to be given, or contribute a pint of blood to the IWV Blood Bank's Advanced Fund for whoever may need it.

Those who donate blood in a particular patient's name must, however, follow up and contact Mrs. Thoms by calling 375-4323, since she is the only person in this part of Kern County who can arrange for the release of blood from the Houchin Blood Bank.

On Tuesday, prospective blood donors will be checked by a nurse at the blood bank, and are asked not to eat any dairy products or fatty foods within three hours prior to the time they expect to donate blood. Even a cup of coffee during this time is a "no-no," Mrs. Thoms said.

Persons whose pulse rate is over 100 will be rejected as blood donors, and anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, or syphilis is banned from giving blood. In addition, prospective donors who are taking any kind of medications should let the nurse know what they are taking and the dosage.

During calendar year 1978, local area residents contributed 530 pints of blood during visits of the Houchin Community Blood Bank's mobile unit from Bakersfield — or an average of 100 pints per visit.



JOINT PROCLAMATION SIGNED — Rear Admiral William L. Harris, NWC Commander, and Don J. J. Chizee, Mayor of Ridgecrest, sign a joint proclamation declaring February as Black-American History Month for all citizens of Indian Wells Valley. Witnessing the signing are (l.-r.) Milt Ritchie, president of the Indian Wells Valley Chapter, National Association for the Advancement of Colored People; Bette Rivera-Sembach, head of the Desert Area Teachers Association's Human Relations Committee; and Beto Bernal, Deputy Equal Employment Opportunity Officer at NWC. — Photo by Ron Allen

Black History Week to be observed . . .

(Continued from Page 1)

The panel will be prepared to discuss with the audience projections regarding the role black Americans will play in the continued development of American technology, education, government and society.

Those making up the panel will be Drs. Aveilhe and Maloney; Major Rossetta

also be talking about the movement of the black population from cities to the suburbs.

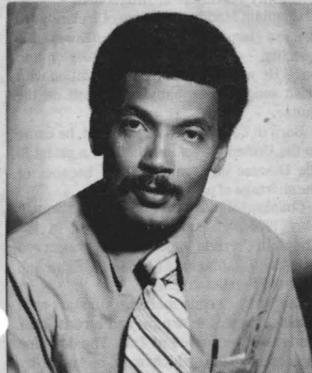
"Supervisors and managers who attend the scheduled programs will be extended EEO credit. This may be used in lieu of the regular four-hour EEO training session," Beto Bernal, Deputy Equal Employment Officer, said.

Banquet at Enlisted Mess

The banquet at the Enlisted Mess not only offers a good meal in the company of friends, but also a well-rounded entertainment program and two outstanding speakers.

The evening's events on Thursday, Feb. 8, will begin with a social hour at 6, entertainment at 7, dinner served at 7:30, and guest speakers at 9. Menu for the buffet-style dinner will consist of a salad bar, beef Stroganoff with noodles, tea and coffee.

Entertainment will include a medley sung by the Indian Wells Valley Barbershop



Dr. Clyde Aveilhe

Armour-Lightner, administrative officer at George Air Force Base; and Mayor Lionel Wilson from Oakland, Calif.

Maj. Armour-Lightner will be presenting the views of military men and women with regard to the issue of race, and how race impacts on military careers. Mayor Wilson, a frequent speaker at educational and human relations functions, will discuss a projection of the role blacks will be playing in more and more city governments. He will

Assessments due from GEBA, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association (GEBA) and the China Lake Mutual Aid Society (CLMAS) following the recent death of Chester Davis. This is assessment No. 461.

The deceased, an employee of Code 4552, died on Jan. 25, at a hospital in San Bernardino.

The collection of assessments is being handled by Larry Mason, GEBA and CLMAS treasurer. They can be mailed to him at 1812 Young Circle, China Lake, CA 93555.

NWC employees interested in joining can obtain information on GEBA and CLMAS membership by calling Mason after working hours at 446-4794.



Mayor Lionel Wilson

chorus, "Portrait of Sojourner Truth" presented by Nona Celestine, "Movin' on Up" a collage of poetry and music by Cindy Harris, and jazz dance by Diane Ryan. Tickets may be ordered through today by calling the EEO office, Ext. 2348 / 2738; or Mable Hawley, Ext. 3508; R. H. Booth, Ext. 3766; John Haywood, Ext. 2551; or Jim Thompson, Ext. 3880.

Drs. Aveilhe and Maloney's presentation "On Being Black" will be the highlight of the evening's program. They will speak about their own experiences as black Americans.

Calvin and Pat Taylor, well-known Christian musicians from Los Angeles, will



Maj. Rosetta A. Armour-Lightner

present a live concert of sacred music during the commemorative service honoring Dr. Martin Luther King, Jr., at the All Faith Chapel on Sunday, Feb. 11, from 2 to 4 p.m.

The commemorative service will also include anthems sung by the Union Missionary Baptist Church Young adult choir under the direction of Angelia Celestine.

In addition, Rev. Gordon Crider, pastor of United Presbyterian Church, will present a tribute to Dr. King, while Rev. Ezra Turner, pastor of the Union Missionary Baptist Church, will deliver a message entitled, "A View from Pisgah's Lofty Height."

Extra telephone number for taxi service added

Because of the significantly increased utilization of the recently established taxi service aboard the Naval Weapons Center, it has been necessary to install an additional telephone extension for the convenience of taxi users.

Unfortunately, it was not possible to obtain numbers on a rotary system, therefore, if one extension is busy, it will be necessary for callers to re-dial the other extension.

Telephone numbers for the taxi service are NWC Ext. 2280 and 2838.

The taxi service operates within all mainline areas inside the perimeter of the Naval Weapons Center and within the limits of the City of Ridgecrest. Service is provided each workday between 7:30 a.m. and 4:30 p.m.



SLOW GOING — Naval Weapons Center employees found driving very tricky and slow in the snow as they entered the main gate Wednesday morning. At that time there was six inches of snow on the ground with about four more inches expected before the Arctic storm passed through the area on Thursday.

Center Library to feature display on work of George Washington Carver

The subject of a visual and small book display in the Center Library during Black History Week, Feb. 5-11, will be the contribution to this nation's economy made by a black man born of slave parents.

Slavery played a major role in the economy of the southern states before the Civil War. At that time in history, a very unusual black man named George Washington Carver did a great deal of work with the peanut.

Details of the Carver story are very fascinating. The south was suffering because the land, exhausted from the many crops of cotton and tobacco, was producing less and less of these crops. The economy was declining and no one seemed to be able to provide a solution to this distressing

Cerro Coso extends spring registration through next Friday

Registration for spring semester classes at Cerro Coso Community College has been extended through next Friday, Feb. 9, and is being held on week days from 9 a.m. to 7 p.m.

Enrollment will be accepted at the Office of Admissions and Records for all classes that are not already filled to capacity.

All residents of the Kern County Community College District are eligible to enroll if they are a high school graduate, non-graduate 18 years of age and over, or a high school senior who has the written approval of his or her principal.

No tuition is charged to local residents and dependents of military personnel may be eligible for a tuition waiver.

A copy of the schedule of classes which lists more than 200 courses being offered in 47 subject areas may be obtained from many local merchants or ordered by calling 375-5001 and requesting that a copy be mailed.

Volunteers needed by special ed. swim class

Volunteers are needed to assist Richmond School special education class children during an hour-long session on Fridays at the Center's indoor swimming pool.

The swimming session, which is a part of the physical education program for the special education students, is held from 8:30 to 9:30 a.m. and is directed by Mrs. Marion Colpitts, a retired nurse.

Parents, friends and neighbors who can contribute an hour of their time per week are asked to stop in at the swimming pool on Friday mornings. The youngsters, nearly 30 in all, range in age from 4- and 5-year-olds to those who are in the eighth grade.

problem.

George Washington Carver (1864-1943), a research scientist of genius caliber, provided the solution to this problem by showing how to rotate cotton and tobacco with legumes, peanuts and sweet potatoes.

The peanuts and sweet potatoes provided the nitrogen needed by the cotton and tobacco. But soon the warehouses were bulging with peanuts which were beginning to rot. Dr. Carver began to hear complaints.

In his very primitive laboratory made from bottles, old kitchen utensils and other materials gathered from scrap heaps, he produced, in the very first week, two dozen commercially valuable products that could be made from the peanut. They included a milk and cheese, feed for farm animals and other products which would form the basis of many profitable industries.

As he became recognized and his laboratory greatly improved, he went on to develop 325 different products from the peanut. They included cream, butter, milk, instant coffee, face powder, printer's ink, butter, shampoo, vinegar, dyes, soap and wood stains.

These items, together with his agricultural work, turned the economy of the South around and ushered in a new period of prosperity.

President Truman and the Congress officially designated Jan. 5 as George Washington Carver Day.

CNO welcomes nominations of '79 Sailor of Year candidates

Somewhere among the outstanding petty officers in the Navy today are three who are truly exceptional. They will become the next Chief of Naval Operations Sailors of the Year.

It's a worthwhile goal and may mean an extra chevron, or even a chief's hat for the winner.

Here's how it works.

The 1979 Sailor of the Year program is open to active duty men and women in paygrades E-4, 5, and 6, except that those first class petty officers selected for chief are ineligible for the competition.

Sailors of the Year will be chosen in the Pacific Fleet, Atlantic Fleet, and from the shore community. To be eligible in any of the three categories, the nominee must have been selected previously as a Sailor of the Month or Quarter during the 12-month period which ended on Dec. 31, 1978.

Units not having an on-going Sailor of the Month or Quarter program may nominate one individual citing the lack of such a

program in the Command's forwarding endorsement.

The Sailor of the Year will be selected primarily on the basis of professionalism and performance, although medals, awards, and civic involvement will also play an important role in the selection.

OPNAVNOTE 1700 of Oct. 31, 1978, which announces the program, states that its purpose is to recognize the very best all around sailor in any eligible pay grade, not to limit selection to first class petty officers.

Being selected as Sailor of the Year means a meritorious promotion to the next higher pay grade if minimum time-in-rate and time-in-service requirements are filled.

Additionally, the Fleet Reserve Association (FRA) will assume the costs of an expense-paid trip for the winners and their dependents to Washington, D.C., to receive official recognition. The FRA also will sponsor five days rest and relaxation for the Sailors of the Year and their dependents at any locations in the continental U.S.

Atlantic and Pacific Fleet winners may choose a year's duty with their respective Fleet Master Chief. The Shore Sailor of the Year may choose to serve a year with the Force Master Chief.

Catholic chaplain to be guest speaker at Navy League dinner

Lt. John R. Madden, Catholic Chaplain at the Naval Weapons Center, will be the guest speaker at the monthly meeting of the Indian Wells Valley Council of the Navy League on Thursday, Feb. 8, at the Hideaway restaurant in Ridgecrest.

Chaplain Madden, a native of Ireland, will discuss issues and try to answer the question — "Why the fighting goes on and on?" He will augment his presentation with Irish songs, accompanying himself on the guitar.

Born in County Galway, Ireland, he came to the United States in 1970 to be a priest in the Diocese of Savannah, Ga., because of the shortage of priests there.

Chaplain Madden became a U.S. citizen in May 1976 and was commissioned in the Chaplain Corps in June 1976. He has served with the U.S. Marine Corps on Okinawa and at Camp Pendleton, Calif.

The Navy League meeting will start with a social hour at 6:30 p.m. and a roast beef dinner will be served at 7:30. The deadline for reservations, which may be made by calling 375-1318 or 377-4276, is Sunday. Visitors are welcome.

Dr. McCue to be new president of Cerro Coso College

Dr. Raymond A. McCue, dean of instruction at Chemeketa Community College in Salem, Ore., will be the new president of Cerro Coso Community College beginning March 1.

Dr. McCue replaces Richard Meyers who left Cerro Coso in November to take over as president and superintendent of Pasadena City College. Richard Dodge, dean of instruction at Cerro Coso, has been serving as interim president.

Dr. McCue has served as dean of instruction at Chemeketa since 1975. Before that he was chairman of the division of general and technical associate degree studies at Indiana University Northwest in Gary from 1973 to 1975.

He previously was a project coordinator at the University of Missouri, Columbia, where he also graduated from college and obtained both a master's degree and a doctorate in education.

Dr. McCue is a member of the American Association of Community and Junior Colleges, the American Vocational Association of Community and Junior Research Association, and the American Association of Higher Education.

He also holds membership in the National Council of Local Administrators, Delta Sigma Pi, Kappa Delta Pi, and Phi Delta Kappa.

Dr. McCue and his wife, Nancy, have two children, Becky and Darren.

Promotional Opportunities

(Continued from Page 2)

Technology Division, Ordnance Systems Department. Incumbent is specialist in launch-dynamics and coordinates such efforts within the branch and with other DoD activities and contractors. Conducts analytical studies which are necessary in the aerodynamic design and aircraft integration of unique missiles and other weapon airframes. Advanced computer analysis and experiment methods are frequently used. **Job Relevant Criteria:** Ability to predict and analyze the static and dynamic aerodynamic stability requirements/characteristics of guided and unguided weapons; ability to calculate and experimentally determine aircraft flow fields; air loads on captive stores (weapons, pods, etc. attached aircraft), and store-aircraft separation characteristics; ability to write, understand, and use FORTRAN computer logic; ability to organize and manage exploratory development programs; ability to communicate correctly and concisely, both orally and in writing.

Explosives Worker, WG-6502-4, JD No. 618, Code 3272 — (Promotion potential) to Explosives Operator, WG-6502-8, two vacancies. Position is located in the Propellants Branch, Propulsion Systems Division, Ordnance Systems Department. Incumbent performs a variety of manual and mechanical tasks in plastics fabrication, solid rocket motor case lining, assembling, disassembling, mixing, casting, machining, inhibiting and general processing of plastics, ammoniums and propellants using several types of equipment. Receives, stores, and ships these items. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; technical practices (theoretical, precise, artistic); ability to interpret instructions, specifications, etc. (other than blueprints); knowledge of materials; dexterity and safety.

Physical Science Technician, GS-1311-4/5/6, PD No. 7932004, Code 3275 — Promotion potential: GS-8. This position is located in the Propellants Branch, Propulsion Systems Division, Ordnance Systems Department. Incumbent performs a variety of tests on explosives, solid

propellants, pyrotechnics, and raw materials. Determines proper tests, equipment and sample preparation required to meet the needs of the requester. Makes necessary calculations, tabulations or graphs and reports the data. Performs sampling tests of chemical raw materials, with special emphasis on obtaining samples which are representative of the material to be analyzed. Further insures that raw materials are maintained under proper storage conditions and monitors shelf life of materials. **Job Relevant Criteria:** Knowledge of algebra, physics, and chemistry; knowledge of safety procedures for working with hazardous materials; skill in interpersonal relationships; ability to work with a minimum of supervision.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 216, Ph. 2933.

Engineering Technician, GS-802-8/9, PD Nos. 7934014N, 7934017N, Code 3481 — This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent will assist in the conduct of exploratory development work on printed wiring boards, electronic assemblies, and soldering technology including materials investigations for fluxes and solvents, cleanliness tests, etc. **Job Relevant Criteria:** Knowledge of and ability to use physical, chemical, and electronic test procedures; knowledge of laboratory safety procedures; ability to use a variety of test equipment including microscopes, scanning electron microscope, resistivity meters, humidity chambers, ovens, thermal cycle equipment, solderability testing apparatus, and photographic equipment; knowledge of trouble shooting practices; ability to prepare written reports of test results; and knowledge of peel/bond testing procedures. **Promotional potential:** GS-9.

Reliability Engineer, GS-801-11, PD No. 7934015E, Code 3484 — This position is located in the Reliability/Maintainability Branch, Product Assurance Division, Engineering Department. The incumbent will develop plans for complete reliability assurance programs

responsive to the needs and constraints of weapons system project offices for any of the complex weapon systems and associated support equipment assigned to the branch. **Job Relevant Criteria:** Knowledge of engineering policies and procedures associated with the development of complex weapon systems; knowledge of reliability policies and procedures associated with the overall development effort; ability to persuade representatives of other functional areas, contractors, and program office managers of the importance of reliability engineering involvement in the overall development effort; knowledge of reliability statistical concepts used for sampling plans, reliability assessments and acceptance criteria; knowledge of reliability mathematical concepts used in system math modeling, reliability predictions and failure modes, effects, and criticality analysis; ability to analyze equipment failures from a reliability assurance point of view, and ability to communicate effectively both orally and in writing. **Promotional potential:** GS-12.

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

Secretary, GS-318-4/5, PD No. 7400014N, Code 003 — This position is that of secretary to the Public Information Officer. Incumbent performs such duties as maintaining all files; typing official correspondence, memoranda, etc.; opening mail, screening phone calls; greeting and assisting visitors; maintaining supervisor's calendar; maintaining control records on incoming correspondence and documents requiring action; handling inquiries from news media on general issues; editing and typing speeches, Congressional and business correspondence. **Job Relevant Criteria:** Ability to type efficiently and accurately; knowledge of Center's organization and policies; ability to deal tactfully with people; ability to work under pressure. Previous applicants need not reapply.

File applications for the above with Leah Reusche, Bldg. 34, Rm. 204, Ph. 2722.



NAVY COMMENDATION MEDAL PRESENTED — On behalf of the Secretary of the Navy, Rear Admiral William L. Harris, NWC Commander, recently presented a Navy Commendation Medal to Ltjg. John C. Messinger, SC, USN, who is the Food Service Officer at NWC. Present for the occasion was Ltjg. Messinger's wife, Stacy, Ltjg. Messinger, who has been at China Lake since November 1978, was commended for the high standards he set in carrying out the duties of Food Service Officer and Ship's Store Officer on board the USS Holland, a submarine tender, at Holy Loch, Scotland, from September 1976 to September 1978. The USS Holland served the undersea craft of Submarine Squadron 14. — Photo by Ron Allen

Navy divers to be at China Lake Feb. 9 to interview prospective 'frogman' candidates

About the last place a person would expect to find Navy divers would be the desert at China Lake, but they will be at the Naval Weapons Center — not to dive but to recruit prospective Navy divers.

Members of an Underwater Demolition Team / Sea Air Land, Explosive Ordnance Disposal, Navy Diving Recruiting Team from the Naval Amphibious School, Coronado, Calif., are looking the Fleet over for some "go anywhere - do anything"

sailors.

They will be at the NWC Training Center on Friday, Feb. 9, at 7:30 a.m. to give a presentation showing films and slides followed by a question and answer period.

"Many men desire the life of the Navy 'frogman' but only a few meet all the qualifications," a spokesman for the recruiting team said.

Each candidate must possess the highest qualities of endurance, aggressiveness, personal determination and ability to work as an integral member of a highly coordinated combat team.

Interested NWC military personnel with "the heart for adventure" should bring to the presentation, a swim suit, boondockers, a set of long pants, and a T-shirt for a screening test that will be given by the Motivation Team.

\$7,000 contributed in support of IWW TV Booster system

Contributions totalling nearly \$7,000 have been received since the first of the year from 650 households and other supporters of the Indian Wells Valley TV and FM Radio Booster system.

According to Henry Weisbrich, president of the board of directors of the IWW TV Booster, Inc., this is about 7 percent of what the board feels would be a reasonable return — based on the number of family dwelling units in the local area which benefit from the existence of the TV and FM radio booster system.

In the past, Weisbrich noted, local interest has been expressed in adding Bakersfield TV channels to the local system. This is still being considered among the improvements to the existing system, but it cannot be accomplished without more financial support from the community.

Board meetings, open to the public, are held on the first Monday of each month, starting at 5 p.m. at the Kern County library in Ridgecrest. Suggestions from interested local residents are welcome at any time, Weisbrich added.

Also welcome are tax deductible contributions of \$10 per household which should be sent to IWW TV Booster, P.O. Box 562, Ridgecrest. Make checks payable to "TV Booster."

Panamint pool hall now open to civilian workers

The Panamint pool hall in the Community Center is now open to NWC civilian employees. Both pool tables and table tennis tables are available for use at a charge of one cent per minute per person.

Museum lecture series to begin with illustrated talk on Galapagos Islands

A film slide-illustrated talk on the fascinating flora and fauna of the Galapagos Islands will begin the Maturango Museum's 1979 series of public educational lectures.

Scheduled for next Wednesday, Feb. 7, at 7:30 p.m. in the Richmond School auditorium, the talk will be given by Dr. Robert Berry, an employee of NWC's Systems Development Department. This event is open free of charge. Those who wish to attend but do not have an NWC pass can obtain a special event pass at gates to the Naval Weapons Center.

Dr. Berry will speak on a trip to the Galapagos Islands that he and his wife, Kristin, took last June as members of a University of Florida Extension class in natural history.

Treats in store for next Wednesday evening's audience will be some unusually fine film slides of the exotic fauna of the islands, including the 500-lb. Galapagos tortoise, the marine iguana, and land iguana. Endearingly tame bird life

photographed by the Berrys includes the Blue Footed Booby and the Waved Albatross.

The Galapagos Islands are located 600 miles off the coast of Ecuador. Their isolation from the rest of the world makes the islands a virtual evolutionary laboratory — indeed, it was here that Charles Darwin in 1835 made observations that led to his theory of evolution.

The class with which the Berrys visited these unusual islands was led by Dr. Tim Brown, well-known professor of zoology at California Polytechnic Institute in Pomona, and his wife, Pat, whose postdoctoral research on bats at UCLA has led her on occasion to the Coso Mountain Range.

An added incentive for local people to attend this program will be the presence at the meeting of the model created by Boston architect Verner Johnson as a preliminary plan for the new Maturango Museum building.

In his capacity as new president of the museum's board of trustees, Dr. Berry is anxious to let as many people as possible see and comment on the plan as a prelude to conducting an extensive fundraising campaign in order to raise money needed for construction of a new building for the museum.

Length of service to retain insurance benefits is reduced

Public Law 95-583, which was approved Nov. 2, 1978, reduces the length-of-service requirement for any Federal employee enrolled in Federal Employees' Group Life Insurance (FEGLI) and Federal Employees' Health Benefits (FEHB) Programs from 12 years to 5 years.

Employees can retain these coverages when they retire on an immediate annuity under the Federal retirement system provided they meet the criteria. The criteria is to have been enrolled for five years of service immediately preceding retirement, or to have signed up for this coverage at the first opportunity to enroll if less than five years.

Any employee who is eligible to continue his / her regular life insurance may also continue the optional life insurance (not accidental death and dismemberment) coverage into retirement.

Answers to questions, or additional information, can be obtained by calling Nancy Cleland on NWC ext. 2018 or 2592.

Suggestions offered for those considering acquiring pet animal

Because of the proliferation of stray and unwanted pets in the China Lake-Ridgecrest area, spokesmen for the Indian Wells Valley Spay and Neuter Program urge all prospective pet owners to take the following matters into consideration before buying or adopting a pet.

It may be that the needs of an animal outweigh an individual's willingness or ability to care for it. Consider the following:

Will someone be home to provide meals for the animal on a fixed schedule?

In the case of puppies or kittens, will someone be home during the day to look after them and train them properly?

Those considering having a dog for a pet should be willing to exercise the animal at least twice a day, according to a set schedule.

Pet owners also must be willing and able to pay for all inoculations, periodic veterinary examinations, and any emergency treatment that the animal may need.

There are community leash laws that must be obeyed.

Pet owners must be committed to caring for the animal for its lifetime.

This also is a good time of the year for those who already own pets to have their cats and dogs spayed or neutered before the spring breeding season is at hand.

Creative leadership course to be held here March 14-16

A three day course in Creative Leadership will be held from 8 a.m. to 4 p.m., March 14 through 16, at the Training Center. This course, which is designed for supervisors, managers and team leaders, will be conducted by Robert Adler, a private education and training consultant, from Woodacre, Calif.

The objective of this course is to assist supervisors and managers develop the skills helpful in creating climates within which creativity, team collaboration, and problem solving can flourish.

Employees interested in attending must submit a training request and authorization form via proper department channels in time for it to reach Code 094 no later than Feb. 28.



AIR FORCE OFFICER LEAVES SERVICE — An NWC plaque was presented last Friday to Capt. Hugh Helmick, USAF, whose more than two years of duty at China Lake ended on Jan. 31. Capt. Helmick, who is leaving the Air Force, received the plaque from Rear Admiral William L. Harris, NWC Commander. Since being transferred here in the fall of 1976 from Vandenberg Air Force Base (near Lompoc, Calif.), Capt. Helmick has been the Air Force project officer assigned to the Sidewinder Program Office in the NWC Engineering Department. He has served in the Air Force for 12 years. — Photo by Ron Allen