

SPECIAL HONOR - Burroughs High School band members who have been chosen to play during one selection by the U.S. Navy Band are shown practicing for their part in next Friday night's program. They are (seated, front row, I.-r.) Bill Cabe, Jim Hall, Mary Frances Greenland, Lynette Lorch and Holly Dix. Seated behind them are (I.-r) Bruce Rockewell, Dan Burdick and Tim Gross, and (standing) Bruce McClung (at left) and Carol Boot. — Photo by Ron Allen

High school musicians to play with Navy Band at concert here

matinee or evening programs can be

the Music Man, Donna's Shirt Tales, and

Reagan's Hallmark Store in the Sierra

Due to the immense popularity of this

stellar musical organization, which played

to a full house at the Center theater two

years ago, those wishing to attend next

Friday's performances are urged to buy

The U.S. Navy Band is led by LCdr.

sequently promoted to the rank of warrant

officer after returning to the Navy School of

Since becoming an officer, LCdr. Phillips,

who was promoted to his present rank last

December, has been the leader of the

Commander in Chief Atlantic Fleet Band

and the assistant leader of the U.S. Naval

In March 1973, he became the leader of

the Naval Academy Band and prior to

assuming his present duties was assistant

leader of the U.S. Navy Band and Navy

nusic liaison officer in the Navy Office of

Gary Elliott, a percussion soloist, is chief-

two featured vocalists are accompanying

member of the Washington Ford Foun-

Norman, a career Navy man, has a

contemporary, classical, Broadway, and

All proceeds above expenses of the U.S.

music group, "The Superlatives."

by the Sea."

Buy Tickets Early

Vista Shopping Center.

their tickets early.

Academy Band.

Ten members of the Burroughs High and \$2.50 for enlisted military personnel and School band will have the thrill of playing a students. selection with the internationally-famous Arrangements for this second local ap-U.S. Navy Band from Washington, D.C. pearance of the U.S. Navy Band have been during an evening concert coming up next made by the Desert Community Orchestra Friday, March 2, at 7:30 at the Center Association, and tickets for either the theater.

Those chosen by Don Wilkinson, BHS purchased now in Ridgecrest at Loewen's, band director, to join the U.S. Navy Band for the playing of "Men of Ohio," a musical selection written by Henry Fillmore, and the instruments they will be playing, are:

Lynette Lorch and Holly Dix, flute; Jim Hall, clarinet; Mary Frances Greenland and Bill Cabe, saxophone; Dan Burdick, trumpet; Bruce Rockwell, trombone; Carol Boot and Bruce McClung, percussion; and Tim Gross, Sousaphone.

Youth Matinee Slated

The more than 50 members who make up Joseph Phillips, a former Navy enlisted the U.S. Navy Band (including vocalists, an man and petty officer, who was subaudio engineer and a combination stage manager / lighting technician) also will present a 1 p.m. youth matinee next Friday.

Tickets for the matinee are priced at \$1 each, while the price of admission to the evening concert is \$4 for general admission



Commissioned Officers' Mess Tonight will be theater-dinner night at the in-charge of the Navy Concert Band, and Commissioned Officers' Mess.

On the menu for this special evening will the band during its spring 1979 tour which be a variety of Mexican food starting with a includes a visit to China Lake. They are Mexican tossed salad and ending with Evangeline Taylor and Ronald Norman.

Following the meal, which will be served Ms. Taylor, the first woman musician in at 7 p.m., there will be a program by the Navy, auditioned for and was assigned representatives of the China Lake Players. to the U.S. Navy Band in 1972. She has a After the show, everyone is invited to stay varied musical background, having been a and dance to disco records until 1 a.m.

The price for this evening of dining, dation (a gospel music group), and a rock dancing, and entertainment is \$6.50. Next Thursday, March 1, will be Family

repertoire that includes sacred, secular, Night at the COM and dinner will be served operatic music. He appeared last year on

Main entrees on the Family Night menu will be beef Stroganoff and chicken the Perro Como Easter TV special, "Easter

CPO Club

The Chief Petty Officers' Club announced Navy Band concert program here will be this week that due to unforeseen cirused by the Desert Community Orchestra cumstances the CPO Military Ball, which Association for music scholarships to be had been scheduled tomorrow evening, has presented by the Desert Community / Cerro been postponed until March 24. Coso Community College Orchestra.

Young Ambassadors to bring popular show to Center theater on Monday

The Young Ambassadors, a highlyacclaimed variety show from Brigham Young University in Provo, Utah, will present an evening of fast-paced entertainment on Monday, starting at 7:30 in the Center theater.

Tickets are priced at \$1 each for children 12 years of age and under; \$1.50 for those 12 to 18 years old and for senior citizens; and \$3 for adults. The tickets are on sale in Ridgecrest at Loewen's Music Store, the Byrd Olds automobile agency, Todd's Mountaineering, and Dr. Brent Hansen's dental office.

The Young Ambassadors recently completed a six-week tour of the midwest and eastern parts of the U.S. and Canada where they performed before more than 29,000 people.

Marvin A. Lipman, motion picture and television producer for the United States Information Agency, has called this 30member troupe "as professional an entertainment group as you will hope to see."

Last year, the Young Ambassadors traveled through France, Belgium, Switzerland and Germany, performing 29 shows before an audience of over 16,000. The troupe plans to return to Europe this spring and will perform for six weeks in parts of Poland and Austria.

At that time, the Young Ambassadors will also visit Switzerland and Germany. following numerous requests for a repeat performance of their outstanding 1977 tour. Val Lindsay, artistic director for the Young Ambassadors said, "Through our

Courtroom drama to be presented by **Burroughs Players**

The Burroughs Players, under the direction of Alan Kubik, will present the 'Night of January 16th," a courtroom drama by Ayn Rand, tonight at 8:15 in the high school lecture center.

The performance will be repeated at the same time tomorrow night.

The cast is headed by Cheri Knight as the accused murderess, Karen Andre. Dave Craddock and Greg Ferguson are the prosecuting and defense attorneys, respectively. Julie Standard is seen as the victim's widow, while Brian Weathersbee portrays her wealthy financier father.

Others in the cast include Robert Schwarzbach, Noretta Barker, Shawn Dugan, Stan Caine, Meg Garrett, Terri Petach, Brett Battles, Gunnar Andersen, Juli Pinney, Diane Miller, Matt Doig, Trudy Anderson, Karyn Dorrell, Clay Babcock, Sue Wolverton, Kasey Coleman, and Bob

Student director for the production is Robert Schwarzbach, and the technical directors are Stan Caine and Gunnar An-

The most unique aspect of the production is that the trial verdict will actually be decided by "jurors" selected from the audience at each performance.

Tickets are priced at \$1.75 for general admission and \$1.50 for students, enlisted military personnel and senior citizens.

10 year reunion set by BHS class of '69

Members of the Burroughs High School graduating class of 1969 will hold their tenyear reunion on the weekend of July 6-8, 1979 in Ridgecrest, according to Jim Simmons, organizing chairman of the '69

He said getting the word out to graduates poses major problems. Simmons asks that classmates, parents, relatives and friends pass along information about the reunion.

Graduates planning to attend should send information now on their names, addresses and number of guests they will be bringing to the reunion to '69 Committee, P.O. Box 999, Ridgecrest, CA 93555.

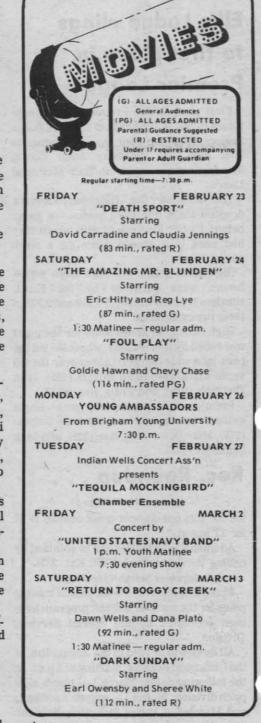
music we try to show the rest of the world that entertainment can be fun, clean and

The Young Ambassadors perform a wide variety of popular numbers including some of America's top hits, popular instrumentals, notable selections by LDS (Mormon) composers, comedy routines and entertainment of bygone days. Among songs in the group's new repertoire are "On a Wonderful Day Like Today;," "I Got Rhythm," a medley from Broadway musicals and a medley of Barry Manilow

The troupe consists of 15 dancers and singers backed by a 10 piece band and a five member technical crew.

"The Young Ambassadors try to illustrate that when you give of yourself you understand more about yourself," Lindsay said. "We try to show that what you are and what you become has a great deal to do with the family," he added.

The Young Ambassadors were organized as an international performing group in 1970 and began their international tours by performing at the 1970 World Expo in Osaka, Japan. Since that time they have traveled the world over, touring all 50 states, Canada, parts of Central and South America, and Europe.



U.S. Government Printing Office From:_ PLACE STAMP HERE nwc rocketeer

February 23, 1979

Vol. XXXIV, No. 8

Anechoic chamber is helpful

tool for checking design of

A silent, very silent, dark room filled with to 30 MHz are possible with slightly less

radars, antennas, missiles

slender pyramids jutting out from the walls accuracy.

seems the stuff of which nightmares are

Or seems to belong in the "Twilight

But such a room exists at the Naval

Weapons Center. And it is neither the stuff

of nightmares nor of the "Twilight Zone,"

but an extremely functional tool used by the

designers of radars, antennas and missiles

to check that the theory of design and the

actual measured performance are in

The dark room, of course, is NWC's

largest anechoic (echo free) chamber. This

facility is located in Area ER on the Center.

Free Space Environment Simulated

pletely lined with a material to absorb radio

waves or sounds over a particular range of

frequencies, thereby reducing reflections of

the waves to a minimum to permit sim-

NWC's largest chamber functions at

frequencies from 30 megahertz up to more

than 18 gigahertz. A very quiet reflection

free zone in the center of the room is

specified for 45 decibels of quieting. This

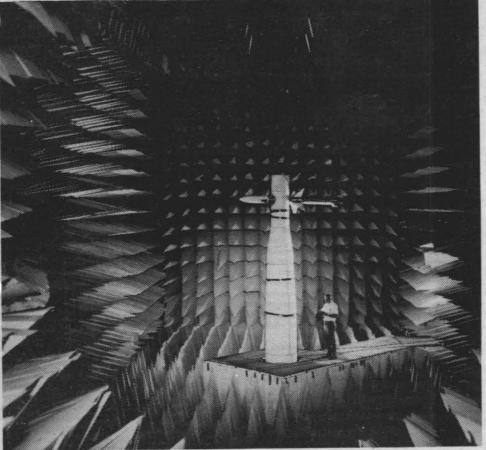
means that in the quiet zone that any

reflected waves from the walls are less than

ulation of a free space environment.

An anechoic chamber is a room com-

INSIDE ... VX-5 Sailor of Month Cost-of-Living Annuity Increase 4 Chamber Music Concert Scheduled 5 Young Ambassadors To Present Show 8



READY TO TEST - Full scale missiles can be tested in the VHF anechoic chamber, which is 105 ft. long by 40 ft. wide and 40 ft. high. The 12 ft. long polyurethane pyramids lining the chamber absorb both radio frequencies and

Employees of Parachute Systems Dept. begin arriving on Center

Employees who will make up two bran- are light in weight but are still strong ches and part of a third of the Parachute Systems Department (Code 64) are now arriving on board the Naval Weapons Center, following their move from the National Parachute Test Range (NPTR) at

The transplanted NPTR employees are, for the most part, now housed temporarily in Wing E of the old Dispensary. They are engineers and technicians whose work does not involve them with the range area on a day-to-day basis.

Advance Element of Move

At the present time, some 15 employees make up the advance element of the move to China Lake from El Centro, and another 15 are expected by the second week in April, according to John Crossley, the NPTR relocation manager assigned to the NWC Test and Evaluation Directorate.

The two branches of the Parachute Systems Department whose employees are arriving here are the Product Support Branch (Code 6412) and the Textiles Engineering Branch (Code 6414). In addition, two-thirds of the personnel of the Engineering Investigations Branch (Code 6411) are on board, including the branch head, Don Goodrich.

Code 6412 employees are involved in basic design, integrated logistics engineering, and product and quality assurance for parachute systems currently in use by the Fleet.

Primary Functions of Code 6411 The primary functions of Code 6411 are exploratory development, advanced design

and documentation of parachute designs. The personnel of Code 6414 are experts in parachute textiles, both from the engineering and test standpoint. Their work involves not only the materials used for the canopy but also the lines which extend from it, considering that various test vehicles which simulate payloads ranging from 50 to 20,000 lb. are dropped in parachute test work from altitudes up to 50,000 ft.

Constantly strived for are parachutes that

enough to withstand the forces exerted when they open. Highly sophisticated test equipment from El Centro is now being installed in Michelson Laboratory which will be jointly used by the Materials Engineering Branch and the Environmental Engineering Branch of the NWC Engineering Department and by Parachute Systems Department personnel. Awarded at Christmas time was a con-

tract for the construction of four new camera stations and the modification of two other camera stations in the G range area using equipment now at NPTR which will provide precise position data. This work is being done in preparation for the transfer here of the NPTR workload.

Completion of the work on the camera stations is expected in mid-June, which is the same time that construction of a parachute fabrication and assembly building located at Armitage Field is to be Inside this structure (a 50 by 220 ft. metal,

(Continued on Page 3)

1 30,000th of the energy entering the quiet zone directly from the transmitting source. Boresight measurements to better than one degree accuracy are possible from 120 MHz to above 18 GHz. Measurements down

Animal control activities in the and Security Department.

year, compared to 188 during 1977.

in 1978, which is down from the total of 694 put to death in 1977.

residential areas of the Naval Weapons Center decreased during 1978 in nearly all categories reported, according to information received from the NWC Safety The following comparison between 1978

and 1977 reveals that the number of dogs impounded by the Indian Wells Valley animal control officer dropped from 549 to 467. Of this number, 181 subsequently were released to their owners or adopted last

The number of dogs and cats picked up at China Lake that were destroyed totalled 466

Construction work underway on two buildings to be used by employees coming here from El Centro

Contracts have been awarded and construction work is underway on two buildings that will be used by personnel of the Parachute Systems Department (Code 64) when the move here from El Centro, Calif., is completed in mid-year.

Employees of the Stevens Co. in Lancaster, Calif., are in the initial stages of site preparation for the construction of a parachute fabrication and assembly building located a short distance northeast of Hangar 3 at Armitage Field.

This will be a pre-engineered metal building that will have approximately 11,000 sq. ft. of floor space. Its cost is \$248,800, and it is scheduled for completion in mid-June.

The work involved, in addition to erecting the building, includes the extension of utilities. Parachute packing tables and various types of sophisticated sewing machines brought here from the National Parachute Test Range at El Centro will be installed in this building.

A contract in the amount of \$284,270 was awarded to Bodi Buildings, of Gardena, Calif., for converting the dormitory at 73 Bard St. to office space that will be used as the Code 64 administration and engineering

A new lighting system is to be installed in courtyard that will be used for parachute inspection work.

This job is due to be completed by the end

and then clad with an additional layer of metal. The shielding prevents outside

This chamber is mammoth — 105 ft. long

by 40 ft. wide and high. The section that

contains the transmitting or source antenna

is conical in shape. The outer walls of the

chamber are solid metal lined with plywood signals such as TV, aircraft radar, surface radars, communications, etc., from penetrating the chamber and causing unwanted interference.

Anechoic Chamber Lining

Lining the chamber are giant pyramids made of polyurethane foam impregnated with carbon (like giant packing material, only filled with the carbon), according to Bill Johnson, an electronics technician in charge of the chamber. These vast pyramids, some up to 12 ft. long, are glued to the walls, ceiling, and floor with contact cement. The lower limit of the frequencies absorbed is a function of the size of the pyramids; roughly, the lower the frequency to be absorbed, the larger the pyramid

The polyurethane lining is crushable and does not function well if crushed. Protected within an air-conditioned room from both dust and from handling, this material will be functional for many years. While a longnozzle vacuum is used to pick up anything that falls to the floor between the cones, no attempt is ever made to clean any of the

Animal control activities at China Lake decreased in most categories

There were fewer cats impounded (142) in

1978 than during 1977 when the number totalled 331. The number of dogs and cats destroyed decreased from 694 during 1977 to More cats or dogs (70) were found dead at China Lake by the animal control officer

during 1977 than was the case in 1978, when there were just 36 such incidents reported. Persons with animal control problems

during weekdays from 8 a.m. to 5 p.m. can leave a message at the Ridgecrest Police Station by calling 375-5044. After regular working hours, on weekends or holidays, China Lake residents wishing to

report animal control problems can do so by calling the China Lake Police Division on NWC Ext. 3233. Involvement of China Lake police in

handling animal control problems resulted in 23 reports of dog bites in 1978, which was a decrease from 32 in 1977, and China Lake police received 37 reports of dogs creating a nuisance by barking, running loose or creating unsanitary conditions in 1978, compared to 54 in 1977.

During 1978, China Lake police picked up old Dorm 73, the locations of a few interior 32 stray or abandoned dogs, and issued walls are being changed, and the contract warnings concerning non-compliance with also calls for the construction of a 1,200 sq. the Center's Animal and Pet Control Inft. wood frame and stucco building in the struction (No. 5820.3F) to 69 residents. This latter number was 68 in 1977.

The IWV Spay and Neuter Program is still offering a rebate of half the cost up to

(Continued on Page 3)

Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



30 yrs. NWC & Fed'l Service Code 26774

Eugene H. Harrelson

30 yrs. Fed'l Service

Joseph N. Segler

35 yrs. Fed'l-Service

operating in January 1977.

at the Naval Weapons Center.

less than computer cards.

Over 100,000 tons of glass, 53,000 lbs. of

aluminum, and 69,000 lbs. of newspapers

have been collected at the China Lake

Community Recycling Center since it began

The recyclable material is sold with a

Aluminum is currently selling for about 26

cents per pound, while glass is worth \$14 per

ton. Paper varies in value according to

All Indian Wells Valley residents are

authorized access to NWC in order to

deposit recyclable materials at the

recycling center, which is located east of

the intersection of S. Richmond Rd. and

Recyclable items should be separated

according to type and placed in the ap-

propriate bins. Only glass jars, bottles and

grade, with newspapers worth considerably

percentage of the profits going to the

Employee Services Board recreation fund



Arthur E. Farrell 20 yrs. Fed'l Service Code 2351





20 yrs. Fed'l Service Code 2634



Melvin A. Keith 30 yrs. Fed'l Service Code 317



James A. Lawler, Jr. 30 yrs. Fed'l Service 30 yrs. Fed'l Service



Code 6237

James W. Williams 30 yrs. NWC Service Code 2642



Edgar A. McDuff 30 yrs. NWC Service

Code 3253



Many tons of reusable materials collected during

Community Recycling Center's 2 years of operation

John R. Crisler 20 yrs. Fed'l Service Code 3334

sanitation problem.

20 yrs. NWC Service

other glass containers should be dropped

into the glass recycling pit, and they should

be reasonably clean in order to avoid a

ceramic or vehicle windshields should be

tossed into the glass recycling pit.

and jars to the recycling center.

No paper, pyrex, mirrors, plastics,

A dumpster is located near the pit to

provide a convenient place for residents to

leave paper sacks or cardboard boxes

which have been used to carry glass bottles

Nominees as 'Employee

in Spotlight' sought

Centerites who feel they have a co-

worker who would be a good subject for

the "Employee in the Spotlight"

column are asked to call Ernest Suttor

of The ROCKETEER at NWC Ext. 3354.

Final selection of an individual by the

editor is based on newsworthiness of

the person who is nominated.

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 Premotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 0% or 0%). Advertising positions in the portunities 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-118C.

Clerk-Typist, GS-322-3 / 4, PD No. 7939015N, Code 3951 -RF Division, Weapons Department. Incumbent acts as receptionist, screening visitors and incoming telephone calls for the branch; provides clerical and typing duties for branch personnel; maintains files; makes travel arrangements; performs timekeeping duties; procures supplies, equipment, repair and maintenance services, etc. through appropriate channels; performs other miscellaneous clerical/administrative duties as assigned. Job Relevant Criteria: Ability to type accurately and efficiently; ability to get along with others in the work group; ability to meet deadlines under pressure; knowledge of Navy correspondence and local filing

Secretary, GS-318-4/5, PD No. 7800014N. 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 icies; ability to deal tactfully with people; ability to work under pressure. Previous applicants need not

File applications for the above with Leah Reusche, Bldg. 34, Rm. 206 Ph. 2723.

Engineering Technician, GS-802-9/10/11 PD No. 7833056N, Code 33501 — This position is located in the technical staff of the Electromechanical Division, Fuze and Sensors Department. The incumbent will be responsible for the operation and maintenance of a complete environmental test lab. He will advise on plans and procedures for environmental and field tests of experimental and developmental models of electromechanical ordnance devices and will design test setups and special apparatus necessary for performing these tests. Job Relevant Criteria: Knowledge of instrumentation; knowledge of explosive ordnance devices; knowledge of electro-mechanical devices.

Supervisory Technical Publications Writer/Editor (PS&E), GS-1083-12, PD No. 7923005, Code 2311 — This position is head, Writing Branch, Publications Division, Technical Information Department. The branch head supervises and manages the branch activities, provides guidance in the preparation of technical reports and the marketing of articles, and performs cooperative planning with other Center organizations and contractors engaged NWC publications process. Supervisory duties include but are not limited to assigning, prioritizing and evaluating work evaluating performance training staff, effecting minor disciplinary measures and reco action in more serious cases, etc. Job Relevant Criteria: Ability to supervise a small work force; knowledge of scientific and / or technical subject matter; ability to write technical reports; ability to edit technical reports; knowledge of the principles and techniques of composition, illustration, layout, and printing; ability to

ecognize NWC publishing needs and problem File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 208, Ph. 2393.

Supervisory Supply Systems Analyst, GS-2003-12, PD No. 7825035E, Code 2511 — This position is that of associate head, Planning and Administrative Division, and head, Planning and Analysis Branch with the Supply Depart ment. As associate division head, assists the division head in the coordination of Supply Department plans and programs, organizes and controls research to develop improved data handling techniques and advises of management of information systems. As branch head, supervises Supply Department studies on automatic data processing operations, long range planning, budgetary requirements, contract liaison and systems analyses. Job Relevant Criteria: Knowledge of DoD supply systems; ability to analyze/design procedures/systems; knowledge of ADP systems / techniques; ability to design supervise an organization. Applications will be accepted

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

Clerk (DMT), GS-316-3 / 4, PD No. 7826053N, Code 26026 - This position is in the Administrative Services Center. Department Staff, Public Works Department. Incumbent dictation recordings and rough drafts. Composes routine correspondence such as transmittal letters, memos, and letters pertaining to personnel matters from minimum verbal information. Job Relevant Criteria: Ability to work independently; ability to work with others; ability to do

Supervisory Shop Planner (General), WN-6701-4, JD No. 470001, Code 26403 — The incumbent provides supervision of the shop planning staff. Plans the work of subordinates, makes day to day or longer range assignments. Monitors master schedule reviewing progress reports staying abreast of the status of scheduled work. Job Relevant Criteria: Ability to supervise shop planning and knowledge of different relevant lines of work; knowledge of pertinent materials, tools and equipment; ability to plan and organize work; ability to suggest and apply new methods; ability to work with others (includes ability to meet deadline date under pressure and adaptability.)

Bldg. 34, Rm. 210, Ph. 2032. Mechanical Engineer, GS-830-12, or Aerospace Engineer, GS-861-12, PD No. 7931041 Code 3183 - This position is in the Systems Survivability Branch, Survivability and Lethality, Air Targets Division of the Systems Development Department. The incumbent nducts design studies, experiments and analysis of aircraft systems and components, with emphasis on the Sunday

propulsion system, to reduce vulnerability to comba damage. Computer techniques will be utilized for analysis and design problems. The incumbent develops ements specifications and preliminary designs of new systems including all major propulsion system components. These include major considerations for ving the probability of combat survival of naval aircraft. The incumbent conducts tests of static and operating propulsion systems and components in both tes vivability parameters affecting susceptibility and vulnerability. Job Relevant Criteria: Experience in the design, analysis and testing of aircraft propulsion systems; experience with large scale computer systems and demonstrated proficiency in applicable compute languages, data and program file handling techniques tional knowledge of computer graphics techniques

February 23, 1979

File applications for the above with Pat Gaunt, Bldg. 34,

Secretary (Typing), GS-318-5, PD No. 7445110, Code 326 - Incumbent is secretary to the head, Conventional Weapons Division, Ordnance Systems Department Maintains supervisor's calendar; schedule and organize significant aspects for travel; screens and refers caller compiles data and emphasizes significant aspects fo review by supervisor; oversees and prepares required reports and memoranda; types a wide variety of data sets up and maintains files. Job Relevant Criteria nowledge of NWC organization and policies; ability to type with speed and accuracy; skill in interpersona relationships; ability to perform a wide variety of

tion is located in the Terrain Denial Weapons Branch Conventional Weapons Division, Ordnance Systems Department. Incumbent provides clerical support to the reports, documents, budget estimates, statistical tables etc; receiving telephone and office callers; routing mail making travel arrangements; filing; handling classified documents: and miscellaneous clerical duties. Job Relevant Criteria: Ability to type accurately and ef ntly; ability to work well with others; ability to work well under pressure; ability to perform variety of clerical functions; knowledge of IBM Mag Card.

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

Engineering Technician, GS-802-4, PD No. 7962015, 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 or erations. 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 litor personnel engaged in the operation of optomechanical data recording devices, electronic trajectory

(Continued on Page 4)



DIVINE SERVICES

PROTESTANT Sunday Worship Service Sunday School-All Ages 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.

Wednesday Noon Bible Study Thursday Men's Prayer Breakfast

> ROMAN CATHOLIC MASS 1700 fulfills Sunday obligation

> > 1615 to 1645

Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135, Blessed Sacrament Chapel CONFESSIONS 1115 to 1130

0800 to 0825 RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11th grade 1000 Above classes are held in the Chapel Annexes across from the former Center Restaurant. Sunday afternoon 12th grade 1630 As announced "In Home" Discussion Groups

Contact Chaplain's Office for specifics. JEWISH SERVICES

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

Basketball skill contest for youths to be held Sunday

The Optimist Club's Tri-star Basketball Contest for boys and girls ages 8 through 13 years of age will be held at the Naval Weapons Center youth gym on Sunday from 10 a.m. to 3 p.m.

Both boys and girls will compete in the same age brackets - eight year olds against eight year olds, 9 versus 9, and so on. Participants will be judged on passing, dribbling and shooting skills. Winners of each age group will receive a

Each participant will attempt three direct and three bounce passes at a target 12 in. in diameter and 36 in. from the floor. Afterwards he or she will dribble a basketball through an obstacle course while a stopwatch is used by the judges to time the entrants. Then each contestant will be tested for accuracy in shooting six free

Applications for the event have been distributed to schools in Indian Wells Valley or may be picked up at the youth gym. There is no entry fee and applications will be taken up to the start of the contest on Sunday.

Persons desiring further information may contact Dick Gould, chairman of the event for the Optimist Club of Ridgecrest, by calling 375-4386 after working hours.

Elks Lodge clings to first place in **Premier League**

First place in the Premier League continues to rest in the hands of the Elks Lodge keglers, following their win, two games to one, over the Hideaway team during Monday night's action at Hall Memorial

The loss by the Hideaway bowlers dropped them into third place - a game behind Fisher Plastering, with whom they had been in a second place tie a week earlier. High team game and high team series

honors were garnered by the E.R.I. Hustlers for their scores of 1,019 and 2,928 in

High individual series score for the night was rolled by Ken Dalpiaz, whose 685 led the pack by a wide margin. Others over the 600 series mark were Dean Meyers (625), John Therning (615), and Craig Rae (611).

Premier League bowlers with single game scores in excess of 220 were Dalpiaz (278), Mike Dowd (228), Rae (226), and Jack Leininger (223).

Rec. Roundup . . .

(Continued from Page 6) fee for this one-day-per-week session is \$7

Additional information can be obtained by calling the gym office, NWC Ext. 2334.

Summer Softball Meetings Three meetings for the purpose of making

plans for the summer softball program have been scheduled by the Special Services All three will be held in the Joshua Rm. of

the Community Center, starting at 5 p.m. on the following dates: March 1 - men's slow pitch division; March 5 - women's softball; and March 6 - men's fast pitch division.

Aerobic Dance Class

Registration is now being taken at the Center gym for aerobic dance and Hatha Yoga classes that will be held at the Community Center on Tuesday and Thursday, starting on March 8.

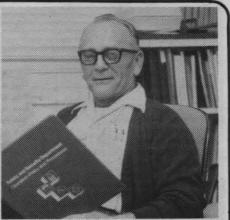
Aerobic dancing combines dance steps, calisthenics and conditioning exercises to stimulate the cardiovascular system. This man, and a teammate, Terry McRoberts, instruction will be offered from 5 to 6 p.m. at tallied 10 more, but it wasn't enough to a cost of \$15 for a six-week series of lessons.

employee

spotlight

"Someone came up to me and said I was AWOL from Inyokern . . . I didn't know what or where it was . . . "

Alvin D. Wiruth



When Alvin D. Wiruth enlisted in the Navy in September 1942, little did he know that he was beginning a family tradition, a tradition that would also include his future wife, who he had not yet met, and three of their four unborn children.

Wiruth, head of the Industrial and Range Operations Safety Division, came to the Naval Weapons Center in September 1944, when it was still the Naval Ordnance Test Station (NOTS). The Station had been in existence for less than a year. In those days, the main base of operations was from Harvey Field in Inyokern. NOTS was so new people had trouble finding it.

Wiruth found himself AWOL from Inyokern

"I had just returned from an overseas assignment with Utility Squadron 10 in the South Pacific and was sent to the Naval Air Station at Alameda, Calif., to await further assignment," Wiruth recalled. "After sitting around there for what seemed like forever, someone came up to me and said I was AWOL from Inyokern and they were looking for me."

Wiruth, an aviation ordnanceman first class, (AOM1), was unsuccessful in a map search for Inyokern, but a detailer discovered it was near Mojave.

"I got off the train in Mojave and went to a restaurant to inquire about how to get to Inyokern. I noticed someone eating breakfast who had on a U.S. Navy jacket. It was Al Specht, NOTS postmaster. It was lucky that I met him for in those days the closest the bus came was the top of the hill on Highway 14 and I would have had quite a walk to Harvey Field," Wiruth said.

His future wife arrived with first WAVES

Shortly after his arrival in the desert, the first contingent of WAVES, Navy enlisted women, reported to Inyokern, with Yeoman 2nd Class Theresa Kass, one of its members. She was assigned to the Ordnance Line to collect data on rockets undergoing testing at NOTS. AOM1 Wiruth was one of the first Ordnance Line crewmembers to welcome her aboard.

Al and Theresa were married in Los Angeles in January 1946. A year later son, Alvin Lynn, was born, a month after Wiruth had started another career as a civilian with the Navy Exchange, which would last for 16 years leading to his eventual promotion to merchandise manager.

"In those years everyone working at NOTS, military and civilian, could purchase things in the Navy Exchange and Commissary Store," Al said. "There weren't many other places here to buy food and clothing then.'

Meanwhile the Wiruths had three more children, Vicki - now 29, Nick — now 27, and Sue — now 24. All four children were born

The first three, Alvin Lynn, Vicki and Nick, have made service in the U.S. Navy a family tradition.

Alvin Lynn enlisted in the Navy following his graduation from Fresno State College in 1968. After completing Officer Candidate School at Newport, R.I., and the Supply Corps School in Athens, Ga., he was commissioned an ensign in the Navy. He is now a lieutenant junior grade and serves as a supply officer at the Naval Air Station, Miramar in San Diego.

Daughter Vicki enlisted in the Navy in 1973 and before her fouryear enlistment was up, had advanced to Communications Technician (CT) 2nd Class. Vicki was preceded in the Navy by brother, Nick in 1972, who spent six years in the nuclear Navy before getting out as an Intercommunications Technician 1st Class (IC1). Vicki met and married a Navy dentist and is now a Navy wife living with her husband in Adak, Alaska.

The Wiruths youngest daughter, Sue, was the only family member who did not join the Navy. She married a college professor and is now living in Bakersfield.

Wiruth begins 3rd China Lake career

In September 1963, Al started his third career at China Lake, becoming a safety officer in what is now the Safety and Security Department. It was at about this time that he started attending classes given by California State College, Bakersfield, at China Lake in business and public administration (BPA). He was graduated in 1974 with a bachelor of science degree in business

In his position as head of the Industrial and Range Operations Safety Division, Wiruth is responsible for the safety of half of the working population and all of the geographical land mass of the Center. He also serves as radiation safety officer and as an assistant to the disaster preparedness officer. He has a staff of three safety officers, one supply technician and a safety clerk.

During his 15 years with Safety, he has co-authored two technical publications, "Practical Risk Analysis for Safety Management," and "Safety Tests of Explosives Transport Trucks." Both publications are still being used throughout the Navy and private industry as reliable reference material.

Wiruth and his wife are also grandparents. Their children have given them five grandsons and one granddaughter. But, it is a little early to tell whether any of the grandchildren will be carrying on the family tradition.

The oldest grandchild is only seven and the youngest just a month old. But, there must be a lot of Navy in their blood already and the odds are in favor of one or more joining the Navy

Tourneys wrap up Intramural League . . .

(Continued from Page 6)

Loewen's B - Carl Hall, Rollin Jones and Dale Christensen — finished the game with 10 points each.

The TPQ cagers also posted a win, 49-43, over The Heat, but lost, 40-37, to the Night Stalkers, in two other Division B games played last week.

The TPQ cagers overcame a 20-16 dencit Al Chesney found the range for 20 points as tively. he led the TPQ attack, with assistance from Attansio and Rick Booth, who tallied 13 and Thomas were the leading scorers for The Heat, with 16 and 14 points each.

Night Stalkers, who trailed 19-18 at the half, at the half, since The Heat had two players edged the TPQ squad 40-37. Jud Neidigh in the double-figure scoring column. They (12) and Larry Dean (10) were the top scorers for the Night Stalkers, while Attansio and Chesney matched their scoring totals with 12 and 10 points, respectively, for

In the battle for third place in Division B, the Night Stalkers came out on top last week by a score of 52-46 over the Dispensary hoopsters. Brad Domine's 22 points for the Dispensary made him the game's high point offset the more potent offense of the Night Hatha Yoga instruction will follow from 6 Stalkers, who had three players in the to 6:50 p.m. and there is a charge of \$12 for double-figure scoring column. They were this class alone, or \$22 if individuals wish to Neidigh (12) and Danny Lopez and Mark Lehman (10 points each).

Prior to this third place showdown with the Night Stalkers, the Dispensary squad edged The Heat, 59-56. This was another close game as the Dispensary led 27-25 at the half and won by a margin of just 3

Mike Thomas had a hot hand for the Heat as he tallied 22 points. Leading scorers for at halftime in their game against The Heat. Taylor, who had 17 and 16 points, respec-

The Heat team lost one game last week by a forfeit to the Low Doze, and then turned 10 points, respectively. Tom Harb and Mike around and defeated this same team 44-39 in a game played on Feb. 15.

Tim Mullin's 19 points weren't enough to In a close game from start to finish, the do it for the Low Doze team, which led 17-14 were Michael Thomas (14) and Chris Smith

Little League baseball signups set Mon., Tues.

Signups for the China Lake Little League will be held from 6:30 to 8 p.m. at the Vieweg School auditorium on Monday and at the Las Flores auditorium on Tuesday. To be eligible, boys and girls must be 8 to available. 12 years of age as of July 31, 1979. Proof of age must be shown at the time of

player or \$25 per family is requested. The offset the cost of uniforms and equipment. Defense Authorization Act.

Travel allowance improved for junior enlisted personnel

A seaman, even if he has less than two years service, now is eligible to ship his family and household goods to, from, or between overseas duty assignments at

As a result of recent changes both single and married junior enlisted personnel (E-1 through E-4) can receive travel and transportation for their families in the same manner as more senior personnel when assigned overseas.

The new travel allowance was included in the Fiscal Year 79 Appropriations Bill recently passed by Congress and signed into law by the President. As a result, junior enlisted personnel including bachelors, who are assigned overseas, are now eligible for full travel and transportation allowances, including shipment of privately owned vehicles.

In the past, junior enlisted Navy people with dependents were assigned to unaccompanied tours when transferred overseas and did not have the option to choose an accompanied tour. This option is now

Further information on eligibility and procedures is contained in NAVOP 129 / 78. In another action, the Navy Bureau of A voluntary donation of \$15 per single Personnel authorized payment of the selective reenlistment bonus and enlisted money will be used by the Little League to bonus after the President signed the FY 79

The Rocketeer

Naval Weapons Center China Lake, California Rear Admiral William L. Harris

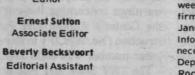
> **NWC Commander** R. M. Hillyer **Technical Director**

Technical Information Department Don R. Yockey

Ernest Sutton

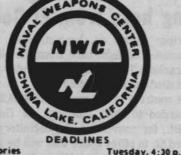
Staff Photographer







News Stories Photographs



Tuesday, 4:30 p.m Tuesday, 11:30 a.m.

Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercia firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritser Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.



The Rocketeer receives American Forces Press



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February 23, 1979

nwc rocketeer **SPORTS**

Recreation Roundup

Four sailors from NWC to compete in racketball tourney

Four enlisted men from China Lake will represent the Naval Weapons Center in the 11th Naval District's invitational racketball tournament which is to be held at the Naval Air Station, Miramar.

The local entrants in this singleelimination event are James Garrison, Jose Diaz, Frederick Schloesser and Terry

The tournament will begin on Monday and continue through Friday, March 2.

Volleyball Clinics Planned A meeting to discuss plans for organizing an intramural volleyball league and also provide instruction in the fundamentals of the game will be held on Wednesday, Feb. 28, from 7 to 9 p.m., in the Center gym.

Jerry Kissick and Jim Bevan will be in charge of the instruction for prospective players, as well as for a clinic at the same time on Wednesday, March 9, during which rules of the game and officiating will be

All interested persons are invited to attend either or both meetings.

Tennis Lessons To Begin

Registration is now being taken at the Center gymnasium office for a new series of tennis lessons that will be taught by Fred Hagist at the China Lake tennis courts.

Students have the option of signing up for a series of 12 lessons that will be offered on Tuesdays and Thursdays from 10 to 11 a.m. or 5 to 6 p.m., beginning on Feb. 27. The fee

In addition, there will be a class from 5 to 6 p.m. on Wednesdays starting Feb. 28. The (Continued on Page 7)

China Lakers lose MDISL hoop tilts to Nellis, Edwards

A basketball team from the Naval Weapons Center posted a first round victory over the Barstow Marines last Saturday, but was then eliminated from further Mojave Desert Inter-service League (Northern Division) competition as a result of consecutive losses to the cagers from Nellis and Edwards Air Force Bases.

The undermanned China Lakers (only seven players were available for the first two games of the MDISL play-offs at Edwards AFB) defeated the Marine Corps team from Barstow by a final score of 83-67.

High point man in this game was Barry Adams, center and forward for the NWC quintet, who tallied 22 points.

According to John Smith, coach of the China Lake squad, good team work contributed to this winning effort — including exceptional ball handling by guards Rick Ashby, Tony Bolden and Larry Dean, and outstanding rebounding by Connie Reeder.

After their mid-day game last Saturday against the Barstow Marines, the China Lakers hadn't recuperated enough by 5 p.m. when the tip-off time rolled around for their tilt against the Nellis AFB squad. The result was a 92-67 defeat at the hands of the airmen from Las Vegas.

Once again Adams was the China Lakers' the Hombres. main scoring threat as he tallied 28 points in this contest. Adams then chalked up 26 points on Sunday, when the NWC cagers lost to Edwards AFB by a score of 79-67.

Burroughs varsity cagers win Golden League crown

The Golden League's varsity basketball crown, which hasn't been captured by Burroughs High School since 1973, was secured firmly last Friday night as the result of a convincing 55-39 victory over the visitors from Palmdale High.

This win, No. 10 for the Burros in the 12game league season, assured them a home court appearance tonight in the CIF playoffs against their counterparts from Arroyo High School of El Monte, the No. 3 team in the Mission Valley League. Tip-off

The strategy of the Palmdale hoopsters, who had a 4-7 league record prior to last Friday's second loss of the season to BHS,

This style of play paid off initially for the visitors who, by playing "keep-away," drew fouls and connected on 4 out of 5 charity tosses and a single field goal to lead 6-4 at the end of the first quarter.

In the second period of what was still a close, low-scoring ball game, the score was tied twice and the lead exchanged hands four times before a slam-dunk by Steve Motte, center for Burroughs, a field goal each by Ron Garrett and Rob Tomaras, and a pair of free throws by Mike Wirtz enabled the Burros to build up a 23-16 halftime lead.

was to play a deliberate, ball control game Breaking fast from the starting gate at in order to slow down the potent Burros' the beginning of the second half, the Burros proceeded to take command of the game by outscoring the Falcons from Palmdale, 21-12, in the third quarter, and had a comfortable lead of 44-28 as the fourth period got underway.

Tomaras, the game's high point man with 14, tallied 8 in the third period to pace the BHS offense, while Garrett hit 5 and Motte and Richi Drake contributed 4 points each.

During the final 8 min. of play, the Burros built up a 21 point lead of 53-32 which allowed Coach Larry Bird to put in his reserves for the remainder of the game. At the final buzzer, a jubilant BHS varsity basketball squad and coaching staff was

> **Burros Varsity Cagers** Golden League Champs '79

Non-League (7-3) Burroughs 67 — East Bakersfield 62 Burroughs 73 - Bakersfield High 67 Burroughs 68 — Franklin High (Stockton) 65 Burroughs 54 - San Luis Obispo 42

Burroughs 62 - East Bakersfield 63 Burroughs 67 - North Bakersfield 55 Burroughs 68 - Fontana High 65 Burroughs 62 - Barstow High 68 Burroughs 70 — San Gorgonio 71 Burroughs 69 - Bishop High 63

Burroughs 64 - Quartz Hill 49 Burroughs 79 - Antelope Valley 45 Burroughs 54 — Canyon High 56 Burroughs 62 - Hart High 61 Burroughs 56 - Saugus High 55

Burroughs 67 — Palmdale 62 Burroughs 62 - Antelope Valley 64 Burroughs 83 — Quartz Hill 63 Burroughs 67 — Hart High 61 (OT) Burroughs 66 — Canyon High 47 Burroughs 40 — Saugus High 36 Burroughs 55 - Palmdale 39

oined by equally elated fans in celebrating the 55-39 win over Palmdale and sole possession of the Golden League basketball

In addition to Tomaras, who had 14 points, other Burros cagers in the double-figure scoring column were Garrett (11), and Drake and Motte (10 points each). Dave Roper, center, tallied 11 to lead Palmdale.

The Burros outgunned the Falcons 23, field goals to 14, while the visitors cashed in on 11 of 18 free throws compared to 9 out of

GAME BREAKER — Rob Tomaras, shown getting off a leaping shot at the basket, helped get the Burros' offense rolling against the game-delaying tactics of the Palmdale High varsity cagers in last Friday night's Golden League finale at the Burroughs High gym. Dave Roper (52), center for the visitors, leaps high in an attempt to block the shot. Waiting for a possible rebound is Ron Garrett (No. 40) of Burroughs. The local varsity squad shot down the Falcons 55-39.

Tourneys wind up Intramural Basketball League play

The Chukars, who have won their last

49. Drew Martin, who had 20 points, and

Tom Chapman, with 16, were the top

scorers for the Chukars, while Jerry Caf-

fery (15) and Parsons (14) led the Hombres.

tramural Basketball League's Division B

was settled last week, when the unbeaten

(Loewen's B) by a score of 51-45, and also

outscored the Dispensary team.

Turtles defeated their nearest rivals

The latter contest was called off by of-

ficials at the end of the half because a

record book as a 7-0 defeat for the

22) at the half, poured on the coal in the

second half of their game with Loewen's B

team to finish with a 6-point win, 51-45.

Gary Smith, of Loewen's B team, was the

China Lake Intramural

Basketball League

(Standings as of Feb. 16)

Championship of the China Lake In-

Regular season competition came to an place in Division A. end last week in Division A of the China Lake Intramural Basketball League leaving only this week's 3-team, single elimination tourney to ring down the final curtain on league play.

The Division A championship went to The Pride, an all-military team which posted a 9-2 record, while the Time Out squad was second (7-5) and Desert Motors (6-6) battled its way into third place by winning its final two games of the season.

In games played last week, Desert Motors outgunned the Time Out cagers, 62-50, and latched onto third place by virtue of a 48-45 win over the Homestead Hombres.

The Time Out squad trailed by just 3 points, 29-26, at the half, but couldn't match the Desert Motors team on offense for the remainder of the game and lost by a final margin of 12 points. The victors were led by Terry Mangrum and Gary Barnes, who scored 16 and 10 points, respectively, but the game's high point man was Garry Clark, of Time Out, with 17. Tim Cornelius added 13 points in a losing effort for the Time Out

In a "must win" situation in order to nab third place in Division A, Desert Motors had just enough to slip past the Homestead Hombres. Mangrum again hit 16 points for Desert Motors and Mick Rindt pitched in 10 for the victors, who had a 28-24 halftime lead and finished on top by a score of 48-45.

Bobby Parsons, of the Homestead Hombres, was the game's high point man with 21, and Mikel Tosti added 14 more for

Time Out . Desert Motors Homestead Hombres Loewen's Chukars Turtles . Loewen's B. Night Stalkers With an assist from the cellar-dwelling Loewen's Chukars, who defeated the Homestead Hombres on Thursday, Feb. 15, the Desert Motors quintet moved into third

The Pride

game's high point man with 18, while Rick Peterson tallied 16 to lead the Turtles. three games, knocked off the Hombres, 61-

The TPQ squad, which has won just two games this season, gave the Loewen's B team a run for its money before losing 49-41 in another Division B contest. The score was tied 22-22 at the half. Hank Attansio scored 20 points for TPQ. Three players for (Continued on Page 7)

8-mile run slated on Saturday by Over-Hill Track Club

player for the Dispensary, who had been The Over-the-Hill Track Club announced ejected from the game, refused to leave the last week that preparations are moving playing area. At the time, the Turtles were ahead for the fifth annual Washington's leading, 24-18, but the game went into the Birthday run on Saturday.

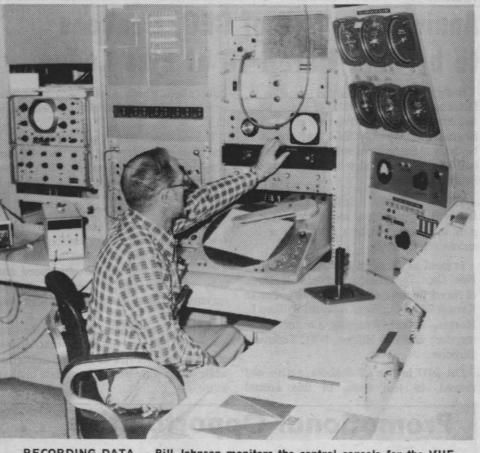
Check-in time at the Desert Empire Fairgrounds in Ridgecrest is 9:30 a.m., and The Turtles, who led by just 2 points (24 the race will begin at 10:30. It will be an 8 mile run, two laps around a well-marked, flat, paved road course.

The popular Portsmouth start system will be used which allows sizable handicaps (head starts) for joggers and slower run-

A large number of out-of-town entrants from throughout Southern California is expected to compete in this event. The course record for men, (41 min., 30 sec.), was set by Mike Harrie of San Bernardino in 1976. Regina Schuetze of Long Beach set the women's record, (52:21) in 1977.

Engraved medals will be presented to the first 10 fast time finishers, first 10 handicap finishers, first 3 women fast time finishers and to the first 3 husband and wife teams, based upon their combined times.

The entry fee will be \$2 per individual and \$5 per family unit.



RECORDING DATA — Bill Johnson monitors the control console for the VHF anechoic chamber. Telemetry data received from a small spiral antenna in the ceiling of the chamber is recorded here, and the chamber itself is controlled from - Photo by Ron Allen

Anechoic chamber useful tool. . .

(Continued from Page 1)

pyramids.

An expanded vinyl mat walkway leads to the middle of the chamber where the test stand is located. The test stand is a cylinder of styrofoam; RF waves travel freely through the styrofoam. The missile or antenna to be tested is mounted on this test stand, which can accommodate a 10-ft., 400pound item, permitting the testing of fullscale antennas or missile sections. The test stand allows rotation of the missile or test item through different orientations.

In the ceiling of the chamber is a small spiral antenna to receive RF telemetry data for the console in an adjoining area. The test data is transmitted from the test tower at frequencies in such a way that there is no interference with frequencies being tested. Also no wires or cables trailing from the missile are required that could degrade the simulated free space en-

The chamber is used to determine guidance system performance as well as system response to unwanted signals. These latter signals in a real environment might be of enemy (jamming) or friendly (electromagnetic compatibility) origin. The majority of work conducted in the VHF chamber is with direction-finding antennas. Typical measurements include pattern in-

Animal control . . .

(Continued from Page 1)

\$25 rebate per animal to pet owners who have had their cats or dogs spayed or neutered. Because of the overwhelming response to this offer, local residents may call the Animal Control Shelter between 1 and 5 p.m. week days to place their name on the waiting list for a rehate

The Spay and Neuter Program volunteers are gearing up for their rummage sale extravaganza on Saturday, March 31, in the old Kern County Building, 230 W. Ridgecrest Blvd. Anyone who has salable articles to donate may call 446-2671 or 375-5390 to arrange to have them picked up.

As a reminder to all dog owners living on Center, all dogs over 4 months old are to be licensed once a year to comply with the Kern County ordinance. Spayed or neutered dogs are charged only \$1 for a license, compared to the yearly fee of \$4 for other

WASTE N 業 「

formation, boresight error, sidelobe performance, polarization characteristics, bandwidth, or gain.

The VHF chamber was designed and built by engineers from B. F. Goodrich Co. At the time it was built, its low frequency performance capability was state-of-the-art; although more than 10 years old, the VHF chamber is still one of the highest performance low frequency facilities in the

The VHF chamber, like the other smaller anechoic chambers at NWC, is primarily a research and development rather than a production tool. Approximately 80 percent of anechoic chamber use at the Center is for Navy research and development, with the remaining time divided among Air Force, Army, and contractor use. Outside users of the facilities come from throughout the

Water storage tank covers being replaced

The Temcor Corporation of Torrance, Calif., has been awarded a contract in the amount of \$685,000 to replace the covers on four underground water storage tanks serving the Naval Weapons Center. Each reservoir holds 11/2 million gallons of water.

The wooden covers which are rotting out are being replaced with aluminum covers that should be permanent, according to Bob Easley, NWC Public Works Department construction representative.

Easley, said the work was progressing

The contractor is using a perimeter

Replacement of the covers on a reservoir located midway between China Lake and Inyokern will be completed after the work is finished at Harvey Field. The remaining storage tank at China Lake is expected to be

VX-5 Sailor of Month honor for January goes to ADAN Albert Lopez

Aviation Machinists Mate Airman Albert D. Lopez was selected as Sailor of the Month for January by Air Test and Evaluation Squadron Five.

The letter of commendation to ADAN Lopez, signed by Capt. P. D. Stephenson, VX-5 Commanding Officer, noted that "you have consistenly demonstrated superior professionalism in all aspects of your assignments."

The letter continues, "In your primary duty as an A-7 Plane Captain, you have displayed unlimited potential and established a reputation as a top-notch performer. The trust displayed in you by your supervisors has resulted in frequent assignment to those jobs requiring initiative, intelligence, speed, and originality.

It stated that his extensive knowledge of the A-7 aircraft combined with his positive attitude had been instrumental in training newly assigned personnel. "Your constant drive to improve yourself both as a sailor and an individual has placed you head and shoulders above your contemporaries. Your self-motivation and obvious pride in your work are commendable. My congratulations and 'Well Done,' " the letter from Capt. Stephenson concludes.

ADAN Lopez has been at China Lake since September 1977, when he was transferred to VX-5 from the Naval Air Station, Lemoore, Calif., where he attended power plants and plane captain schools. Prior to that he attended aviation machinists mate "A" school at the Naval Aviation Technical Training Command in Memphis, Tenn.

The VX-5 Sailor of the Month's hometown is Pico Rivera, Calif., where he was graduated from El Rancho High School in June 1974. He entered the Navy in January 1977 in Whittier, Calif., after working for about two years as a fork lift operator for a company in Pico Rivera.

In VX-5, ADAN Lopez is responsible for the safe launch and recovery of the A-7 aircraft. He is also involved with training new line personnel. "Normally we have about three people in a training status, but right now there are five," he said.

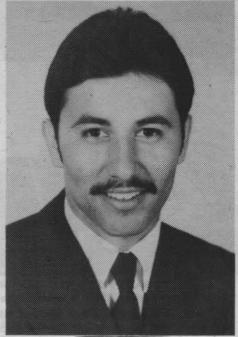
He was surprised he was selected for the

place, instead of the central tower method previously used for the wooden panels.

The cover for the water storage tank in the compound near the traffic circle on the Center is now ready to raise, while the one at Harvey Field in Inyokern is under



WATER TANK COVERS REPLACED - Bruce Holdnick (left) and Ron Hutchinson, ironworkers from the Temcor Corporation in Torrance, Calif., work on the dome of the underground water storage tank located near the traffic circle at the Naval Weapons Center. The wooden covers to four NWC reservoirs are being replaced with aluminum domes at a cost of \$685,000.



ADAN Albert D. Lopez

honor. "I have just been doing my job," he said. Lopez admitted that he has always tried to do the best job he could and to put in that extra effort when it was called for.

As a result of his selection as VX-5 Sailor of the Month, ADAN Lopez will enjoy one month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar.

He will also receive a plaque, and his photo will be displayed along with those of other squadron Sailors of the Month.

TV boosters thank high school group for helping hand

Members of the Burroughs High School Chapter of the Future Business of America rate a special "thank you" from the community for their recent volunteer assistance to the board of directors of the Indian Wells Valley TV Booster, Inc.

According to Henry Weisbrich, board president, the business class students taught by Darleen Bewley, took on the task of sending receipts for contributions to the local TV and FM radio booster system and, at the same time, stuffed envelopes with leaflets containing information on the operation of the system and useful data on various types of antennas.

"We can always use additional help," Weisbrich noted, including assistance with the technical work at booster stations on Laurel and B Mts., record keeping and in other areas. Persons interested in offering help are asked to contact Shauna Wooley by

A goal of \$10 per household from residents of Indian Wells Valley who benefit from the operation of the TV and FM radio booster system is the goal of this year's board of directors.

Contributions, which are tax deductible, should be sent to IWV TV Booster, P.O. Box 562, Ridgecrest. Make checks payable to "TV Booster."

New employees . . .

(Continued from Page 1)

industrial-type building) will be done the work of fabricating, inspecting and packing of parachutes. In addition, this building will house the Navy personnel who are parachute test jumpers.

Also underway now is work on the remodeling of the dormitory at 73 Bard St., which is to served as the Parachute Systems Department's administration and engineering building and be ready for occupancy in June.

The disestablishment of the National Parachute Test Range at El Centro and the transfer of its workload to the Naval Weapons Center will result in the addition of 110 fulltime permanent civilian billets to NWC, as well 6 military officers and 65 enlisted personnel.

and Christoph W. Gluck - an Austrian,

Franz Joseph Haydn, and a Hungarian, E.

Concert tickets are priced at \$5 for

general admission and \$3 for those over 65.

under 21, and enlisted military personnel.

the Music Man, Medical Arts Pharmacy,

Gift Mart, Sports Etc., and Lilly's Dress

On Tuesday, tickets will be sold at the

Center theater box office from 4:45 to 7:15.

concert goers at both NWC gates. Those

who do not have NWC passes should be

prepared to show their tickets or season

membership cards to the guard in order to

New books listed

at NWC library

A complete list of new books is

available in the NWC library. Library

hours are 12 noon to 9 p.m., seven days

Centerites are reminded that all

employees or military personnel,

regardless of their place of residence,

are welcome to use the NWC library.

a week (excluding holidays).

Special event passes will be available to

Shop, and also at the Inyokern Market.

Tickets are now on sale in Ridgecrest at



EX-ASTRONAUT VISITS NWC - Lieutenant General Thomas P. Stafford, USAF, presently Deputy Chief of Staff Research and Development for the U.S. Air Force, is briefed by Mark Stenger, NWC's Sidewinder AIM-9M (Air Intercept Missile-9M) Guidance and Control Technical Manager, on the operation of the AIM-9M tracking loop simulator which has been used extensively in the development of the AIM-9M tracking circuits. Lt. Gen. Stafford, a former astronaut and former Commander of the Air Force Flight Test Center at Edwards Air Force Base, was welcomed during a recent visit to the Center by Rear Admiral William L. Harris, NWC Commander, and Bob Hillyer, NWC Technical Director. While here, he also received briefings on night and all weather weapon systems and on the new Walleye missile, which included a two-hour Walleye flight.

Cost-of-living annuity increase to go into effect on March 1

increase shall be no less than it would have

been if started on the day before the ef-

fective date of that increase and had been

Thus, for employees who retire on or

before Feb. 28, 1979, a comparison will be

made between (a) the amount of earned

annuity through the date of retirement plus

the 3.9 percent increase effective on March

the high-three average pay through Aug. 31,

1978, plus the 4.9 percent COL effective last

August and the upcoming 3.9 percent COL

The annuity will automatically become

the higher of the two comparisons. Em-

ployees will be considered to have met the

age and service requirements for

retirement on Aug. 31, 1978, even if they

were not actually eligible to retire at that

For employees who retire on or after

March 1, 1979, and before Sept. 1, 1979, their

earned annuity as of the effective date of

their retirement will be compared with the

annuity based on their service and average

high-three pay that existed as of Feb. 28,

1979, plus the 3.9 percent increase of March

1, 1979, and automatically will be the larger

'Hail, farewell' fete

for military officers

planned Mon. night

Officers' Mess.

A hail and farewell party honoring in-

coming and departing military officers of

the Naval Weapons Center will be held on

Monday evening at the Commissioned

Following a social hour from 5:30 to 6:30

p.m., presentations will be made from 6:30

to 7 p.m. Those wishing to remain for dinner

at 7 are asked to make their own reser-

are invited to attend the festivities.

vations by calling 446-2549. Civilian guests

The recent arrivals at NWC who will be

introduced are LCdr. Robin Datta, MC,

USN, new flight surgeon at the Naval

Regional Medical Branch Clinic at China

Lake; and LCdr. James W. Kincheloe, head

of the Ordnance Division in NWC's Aircraft

The officers who will be leaving China

Lake are Cdr. Larry J. Chrans, A7E

projects officer in the Laboratory

Directorate; and Maj. Kenneth B. DeKay,

USAF, A7D software projects manager at

1, and (b) the annuity based on service and

added to the annuity.

The Civil Service Commission has an- starting after the effective date of a COL nounced that a cost-of-living (COL) increase in annuities of 3.9 percent will become effective on March 1, 1979. This increase will be reflected on April 1, 1979, annuity checks.

The amount of this increase in based on a comparison of the Consumer Price Index (CPI) published for June 1978 with the December 1978 CPI and is the actual percentage increase for this period.

The last COL increase was 4.9 percent in September 1978. The next annuity increase will become effective on Sept. 1, 1979. The amount of that increase will be determined by comparing the CPI published for June 1979 with the CPI published for December

If the June 1979 CPI reflects an increase over the December 1978 CPI, then the September 1979 annuity will be raised accordingly. If there is no change in the CPI or a percentage drop, there will be no change in the amounts of annuities.

The law guarantees that an annuity

Happenings around NWC

Beginning on Feb. 24, the Package Store operated by the Navy Exchange will be open on Saturdays from 10 a.m. to 4 p.m.

In addition, hours of operation on Monday, beginning Feb. 26, will be noon to 5:30 p.m. From Tuesday through Friday, the Package Store will continue to be open from 10 a.m. to 5:30 p.m.

The Package Store is closed on Sundays and holidays.

Metal Trades Council

The Indian Wells Valley Metal Trades Council will holds its next regular meeting on Thursday, March 1, at 65-B Halsey Ave., China Lake. The meeting will get underway at 7:30 p.m.

The Council is the representative of a unit composed of the Center's non-supervisory, ungraded civilian employees of the Naval Weapons Center who are located at China

Credit Union Meeting Set

The Naval Weapons Center Federal Credit Union will hold its annual meeting on Wednesday, March 7, at 8 p.m., in the Community Center.

The results of the election of board members and credit committee will be announced at this meeting which all Credit Union members are invited to attend.

Anniversary ball of CEC, Seabees to be held March 10 at Elks Lodge

Reserve Naval Construction Battalion 17, celebration, which is also open to anyone Detachment 0217 (Det 0217) of China Lake will mark the 112th anniversary of the Civil Engineering Corps (CEC) and the 37th birthday of the Seabees with an anniversary ball at the Elks Lodge in Ridgecrest on Saturday, March 10.

The annual CEC/Seabee anniversary ball will begin with a social hour at 6:30 p.m. to be followed by a prime rib or top sirloin steak dinner

Present as guests of honor will be "King Bee" Capt. Tom Maddock, chief staff officer of Naval Reserve Construction Brigades in Kansas City, Mo.; Rear Admiral William L. Harris, Naval Weapons Center Commander; and Bob Hillyer, NWC Technical

Det. 0217 invites all Seabees, active and while others may wear appropriate civilian retired, to join them in this annual attire.

who has been affiliated with the Seabees or

February 23, 1979

Tickets which cost \$8 per person for E-7 and above and for civilians, and \$6 per person for E-6 and below, may be ordered by calling Cy Ebersberger at 446-5866 after 5 p.m. Reservations for the ball must be made by Wednesday, March 1.

During ceremonies at the anniversary fete, an award will be given to the Seabee of the Year from Det. 0217. Also the oldest and youngest Seabees will be introduced and they will officiate at the cake cutting ceremony. Disco dancing will follow this

Military personnel attending the anniversary ball are asked to wear dinner dress blue or service dress blue uniforms,

Promotional Opportunities. . .

(Continued from Page 2)

plotting board data and compute preliminary trajectors 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 mathematic 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. Promotion potential

7962016N, Code 62203 - This position is located in the Range Operations Division of the Range Department. The purpose of the position is to perform contract technical pordination and representation for the Range Services Contract. The Range Services Contract is a 3 year, multiillion dollar contract primarily involving range in strumentation and equipment maintenance. The incumbent must be technically competent in the following areas: NWC Range Air Space Surveillance, camera and camera equipment, communications equipment, aspects of range meteorology operations, camera astrodome equipment. This knowledge will be used to make hardware disposition, repair, and procurement decisions in each area. The incumbent must also assure compliance with all technical aspects of the contract and negotiate with contractor management to resolve problem areas critical to range operations. The incumbent will interface with all levels of NWC management and contractor personnel. Job Relevant Criteria: Experience in an advisory, analytical, technical, professional, or trade capacity which provided experience with range equipment (cameras, power generators, communications equipment, instrumentation electromechanical equipment, etc.); demonstrated ability unicate effectively both orally and in writing

File applications for the above with Jan Nieberlein, Machinist, WG-3414-10, JD No. 169-4N, Code 3644 (2

Prototype Division, Engineering Department. Duties include setting up and operating various machine tools uding various types and sizes of lathes, boring mills, milling machines, shapers, planers, precision grinding machines, and specialized multi-purpose machines related to these. Makes complex set-ups and precise alignments of work pieces, in machines. Performs precision handwork to fit, finish, and assemble machined parts on bench or shop floor. Follows blueprints, figures nsions, selects and lays out appropriate metals to be machined and shapes metals by use of hand tools. Job levant Criteria: Ability to set-up and operate machine knowledge of trade theory and technical practices; ability to use shop drawings and measuring devices and to perform lay-out work; ability to perform hand metal working operations, fitting, and to use hand tools, including portable electric and pneumatic tools; knowledge of the characteristics of and the ability to work with materials used in the machinist trade; ability to work independently, make decisions, plan operations, show lob responsibility, exhibit independence, and exercise lative to do the work of the position without more than normal supervision. Supplementals are required and may be picked up in Rm. 204 of the Personnel Bldg. Promotion potential — GS-11.

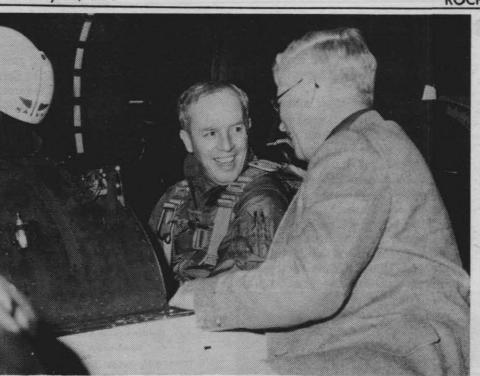
File applications for the above with Marge Stanton Bldg. 34, Rm. 204, Ph. 2925.

Voucher Examiner, GS-540-3 / 4, PD No. 7608040N, Code 0865 — This position is located in the Disbursing Branch, Financial Operations Division, Office of Finance and Management. Incumbent is responsible for preparation and / or typing of vouchers for settlement of travel claims for military and civilian personnel; reviews and deter mines eligibility and payment of expenses on travel claims presented for payment; aids claimant in preparation of itineraries. Job Relevant Criteria: Ability to type; abilit to work with figures; ability to work rapidly and ac curately. Promotion potential to GS-5. Status eligibles

Bidg. 34, Rm. 206, Ph. 2676.



REMODELING WORK UNDERWAY - Harold Stevens and Joe Stamback, employees of the Stevens Co. in Lancaster, look over plans for remodeling of the old Fazio's Market building in Bennington Plaza, which is to be converted into a combination Commissary Store and Navy Exchange. The contract for this work, which will cost nearly \$700,000, calls for the installation of refrigerated air conditioning in place of the former evaporative air conditioning system, and the construction of a connecting link from the Commissary Store to a warehouse in the rear. This connecting link will house mechanical equipment and new refrigerated, walk-in storage boxes for the Commissary Store's meat, poultry, dairy and produce items. One third of the available space in the old market building will be used by the Commissary Store and the remainder by the Navy Exchange. A convenience store and delicatessen which will remain open longer hours than the regular NEX will be provided, and there also will be an outdoor shop located ad-- Photo by Ron Allen



BRIEFED ON MISSILE GUIDANCE UNIT - Brigadier General Richard Phillips, USAF, visited the Naval Weapons Center recently for a firsthand look at the new guidance unit to be used in the Air Force's Maverick missile and also in the Navy's Walleye guided weapon. Prior to a night flight in a TA-7 (two-place version of the A7 Corsair II aircraft) Brig. Gen. Phillips was briefed by Bob Wilson, of Code 3936, who is NWC's project manager for the Walleye Guided Weapon System. The Air Force general is the Deputy Director for General Purpose Forces from the Office of the USAF Deputy Chief of Staff for Research and Development. The guidance unit permits the Walleye to operate at night in a fashion similar to how it now operates in daytime. A two-hour flight with LCdr. Mike Duncan at the controls of the aircraft followed this briefing. During his visit to China Lake, Brig. Gen. Phillips also was brought up to date on the work being done here in connection with the Sidewinder AIM-9M, HARM (high speed, anti-radiation missile), and night and all weather attack systems.

Partial eclipse of sun will be visible Monday in local area

the China Lake area starting at 6:59 a.m. on either watch the eclipse on television or Monday. Approximately 85 percent of the make a "Sunscope" according to the diameter of the sun will be covered by the directions below: moon at 8:02 a.m.

The sun will be totally eclipsed in Oregon, Washington and Canada. This will be the last eclipse of the sun in this century in the United States. The next eclipse in North America will take place in the year 2017.

During the eclipse which will last in the China Lake area until about 9:13 a.m., viewers are cautioned by the NWC Safety and Security Department to take proper precautions to prevent permanent damage

Looking directly at the sun for as little as 10 seconds can burn a spot on the retina. causing permanent partial blindness. The damage occurs without pain, and symptoms may not appear for several hours or days.

Neither sun glasses nor smoke glass offer adequate protection. It is especially dangerous to view an eclipse through binoculars, telescope or a camera lens, all of which concentrate the sun's rays.

Workshops planned in preparation for flower show

In preparation for the Hi-Desert Escapade flower show in May, a series of four flower show workshops will be held at the First Baptist Church, 1350 S. Downs St., Ridgecrest, beginning on Tuesday, Feb. 27. readers' suggestions regarding subject

All lectures and demonstrations, given at matter. this and subsequent workshops on March 6, 13 and 20, will be presented by flower show judges accredited by the National Council of State Garden Clubs, Inc.

The workshops will cover when and how to cut, harden and display horticulture The attention being given the problem at specimens to help win first places in flower

Agendas and registration sheets for the workshops are available at the Community Center and in Ridgecrest at the Kern County Library, Mean's Nursery, and at the Chamber of Commerce office.

There is a workshop enrollment fee of \$5 for California Garden Club, Inc., members and their local affiliates - the Desert number of these involved contract and Planters of Ridgecrest and the Oasis travel claim frauds. Other cases have in-Garden Club of Indian Wells Valley. For volved Navy Exchange related frauds, non-members, the enrollment fee is \$10. theft of small arms and ammunition, and

A partial eclipse of the sun will occur in For safe viewing, China Lakers should

1. Fasten a piece of white paper over the inside of one of the small ends of an oblong box, about 1 ft. by 2 ft. by 3 ft. in size.

2. Cut a 1 in. sq. hole in the opposite small end and cover the hole with aluminum foil. Make a pinhole in the foil. 3. Cut a hole somewhat larger than your

head in the bottom of the box so that you can slip the box over your head. 4. Seal all light leaks with black tape or

5. To use for viewing, stand with your back to the sun, the box over your head, and look at the image projected through the pinhole onto the white paper. Do not look at the sun directly or through the pinhole

footnotes

In a continuing effort to provide Naval

Weapons Center employees with the best

possible security education and awareness

program, this column will appear

periodically in The ROCKETEER ad-

dressing issues of general concern in the

security area. The Security Education and

Training Office, Code 24011, solicits

"Fraud"

levels was the subject of a letter recently

received by Command from the Chief of

During the second quarter of 1978 the

Naval Investigative Service, worldwide,

opened 157 new cases involving fraud

against the government. A significant

Naval Material.

Security

Tequila Mockingbird chamber music gp. to play at Center theater Tues.

A program of music spanning the 18th to the Tequila Mockingbird Chamber En-20th centuries that will feature the works of semble will perform musical selections by some of the classical masters of that time three German composers - George will be presented by the Indian Wells Valley Frederick Handel, Johann Sebastian Bach Concert Association on Tuesday, starting at 7:30 p.m., at the Center theater.

Guest artists for this, the fifth concert of the association's 1978-79 series, will be the Tequila Mockingbird Chamber Ensemble. Music critics agree that this group's unusual combination of the vibraphone, violin and lyric tuba has resulted in a totally new sound of contagious appeal.

Not only do these three classically trained musicians from the Julliard and Manhattan Schools of Music in New York make harmony with three normally disparate musical instruments, they themselves come from greatly differing national heritages - one being an American Arab, another an American Jew and the third a South African immigrant.

The trio are Michael Joseph, who plays the vibraphone; Burt Strompf, lyric tubist, and violinist Jurgen Schwietering. The three just happened to have moved into the same apartment building in New York City's Lincoln Center District, and all three took separate apartments because none knew the other.

However, as they began their individual daily practice sessions, they became acquainted and began looking for some music to experiment with together.

A discovery took place when they happened to look into the area of baroque composition as they found they had come up with a totally new sound in music. Leaving their apartments on a hot summer's day in New York, they went to Central Park to

That first rehearsal in the park led to appearances on radio and television, including a CBS-TV feature.

The Tequila Mockingbird Chamber Ensemble, now in its third season of active concertizing on the college circuit and playing for chamber music series throughout the United States, will be touring England and continental Europe in the not too distant future.

In addition to their chamber ensemble music, Joseph and Strompf happily play recording dates with leading rock music groups, as well as classical engagements, while Schwietering has performed as a guest soloist annually with leading symphony orchestras of South Africa.

For their program here on Tuesday night,

Nicholas Freeling — Sabine. Knut Hamsun - The Women at the Pump

expedite entry.

Peter Lear — The Golden Girl. Hardee Mumms - Federal Triangle. Ingrid Rimland — The Wanderers.

P.G. Wodehouse - Sunset at Blandings. NON-FICTION

Scott Blakey - Prisoner at War; the Six-Year Ordeal of Commander Richard

Charles L. Hughes - Goal Setting; the Key to Individual and Organizational Effectiveness.

Edwin C. Krupp — In Search of Ancient

Sheryle Leekley - Moments; the Pulitzer Prize Photographs.

George Liska - Quest for Equilibrium; America and the Balance of Power on Land and Sea

Mario Pei - Weasel Words; the Art of Saying What You Don't Mean.

Mountain climbers to tell about trip to Peruvian Andes

Members of the China Lake Mountain Rescue Group (CLMRG) will present a film slide show at the Burroughs High School lecture center on Wednesday night at 7:30, documenting a mountaineering expedition made last summer to the Peruvian Andes.

Four of the nine members who made the climbs will be on hand to narrate the slide show, namely, Dennis Burge, Diane Lucas, Bob Rockwell and Bob Westbrook.

Peruvian music will provide a background to the film slides and their narration. The climbers will relate their experiences with the people, places and things they encountered. Also to be discussed will be the mountaineering

Several peaks in the Cordillera Vilcanota sub-range of the Andes were climbed by various CLMRG members during the 16 cannot be over-emphasized. If you have days actually spent in the mountains. The two highest were Campo I (17,996 ft.) and

The most technically difficult climb was vestigative Service Resident Agent (Code Mariposa, whose uppermost 1,200 feet 2406) at NWC Ext. 2063 or the Director of consists of a snow-ice face with a 60 degree Safety and Security (Code 24), Ext. outward slope in places. A route had to be forced through icefalls and crevasses of the Only with your assistance can we ensure high mountain glaciers before the summit that every dollar allocated to NWC goes for was reached by three members of the

fraudulent hearing loss claims.

Fraud against the government is a con-A heightened alertness is called for by all tinuing drain on our tax dollars that managers and supervisors - military and requires the conscientious effort of each civilian — to sense weaknesses in methods and procedures, institute corrective action, aspects of the trip. and report instances of malpractice to the Presidential level and the cooperation proper authorities. required of managers and supervisors at all

Prompt reporting of suspected incidents knowledge of or suspect a fraudulent act has been committed, you should report the Mariposa (19,050 ft.). facts immediately to the Naval In-