3-part American **Heritage Celebration** to begin this evening

Tonight's the night when the entertaining, educational and even delectable American Heritage Celebration gets under way at the Burroughs High School lecture center.

At 8:15, Heritage '76 — the first part of this three-phase event - will combine music, dance and colorful costumes of various nationalities into a show representative of the traditions, customs and manner of dress that exemplifies the heritage of America.

On the next afternoon, Saturday, from 1 until 5 o'clock, the celebration will continue with Festival U.S.A. at Joshua Hall on the Desert Empire Fairgrounds.

There, for a 50 cent admission charge (redeemable toward the purchase of food) visitors can sample Bavarian pastry, Polish and Hungarian stuffed cabbage rolls, cheese blintzes, and ham hocks and grits, just to name a few of the many taste treats available. Live entertainment will add to the festive atmosphere.

At 8:15 that evening, back at the lecture center stage once again, Horizons '76 will conclude the American Heritage Celebration with a lively variety show featuring music, song, dance, skits and slides with the theme of America and her

All proceeds of the event will be donated to the Maturango Museum building fund. Tickets for the shows can be purchased individually or as a package at the door. The prices for individual performances are: adults \$2.50, students (through high school age), senior citizens and military (in uniform) \$1.25. The package prices are \$4 and \$2, respectively.



Jazz singer to perform at college tonight, tomorrow

Lisa MacGregor, a well-known singer and songwriter, will perform tonight and tomorrow night at the Mindshaft Coffeehouse of Cerro Coso Community College.

Tickets for both 8:30 p.m. shows may be purchased at the door. They are priced at \$1.50 for the general public and \$1.25 for holders of student body cards.

Miss MacGregor will sing many of her own songs in this weekend's performances, including "Coyote Moon" and "Buckwheat-Colored Jaguar Automobile." In 1974 she won recognition at the Pacific Coast Jazz Festival as top jazz vocalist, and several major recording companies are now bidding for her artistic services.

Ballet class signups still being accepted

Registration is continuing for ballet classes offered by Special Services. The classes, divided into six-week sessions at a cost of \$15 each (to be paid in advance), are for youngsters 8 through 14 years of age.

Students will be taught classical ballet and develop coordination, grace, poise and agility. Instruction is under the direction of Terrie Jacks, a professional ballet dancer and member of the American Guild of Musical Artists.

Further information about these classes can be obtained by calling the China Lake Youth Center, NWC ext. 2909, weekdays from 12:30 - 4:30 and 6:30 - 9:30 p.m.





OPENS TONIGHT - Shown in rehearsals for this weekend's local American Heritage Celebration are a number of young participants in the program's finale wearing their costumes representative of clothing styles in Japan, Holland and the Ukraine. Practicing the finale song entitled "Let There Be Peace on Earth" are (I.-r.) Kim Matsuda, Nina Afendykiw, Tracy Okamoto, Audrey Way, Leslie Lloyd, Tammy Black, Melissa Compton and Ken Wyatt. In the lower photo, Maria Tongate models an authentic Luxemburg costume (made by Donna Baker) to accompany her talk - also part of the program concerning the close ties between Luxemburg and the U.S. One example of this relationship was the arrival of Gen. George Patton's tanks in that country during World War II, and the fact that that famous American is

Desert Community Orchestra slates first concert of new season Sunday

offered this Sunday at 3 p.m. in the Cerro Coso Community College lecture hall, when the Desert Community Orchestra opens its 1976-77 season with its traditional "Pops Concert."

Under the baton of Lauren Green, the orchestra will play the overture from "La Belle Helene" by Offenbach, "Carmen Suite" by Bizet, "Divertissement" by Jacques Ibert, and Sousa's ever-popular "Stars and Stripes Forever." Featured in the Carmen number will be soprano Rosemary Matthews, who will also sing selections by Ginastera.

Because music for this occasion is sponsored by a grant from the Music Performance Trust Funds of the recording industries, no admission is charged for this concert. Low-cost season tickets for the remainder of the season will be sold by members of the Orchestra Association's board of directors at the door on Sunday.

4 More Concerts Scheduled

For only \$10, an entire family may attend the coming season's concerts, which include "Menages Musicales, or Passionate Pairs in Musical Literature" on Dec. 5, a Winter Concert on Feb. 27 with guest soloist, the annual Youth Concert on April 17, and a Choral Concert on May 22. Single memberships for the season are \$5, while a student or an enlisted member of the Armed Forces may purchase a season membership

Funds collected through sale of concert tickets are used to obtain guest soloists for the orchestra's concerts. In addition, the board of directors annually authorizes a committee of local musical experts to pick deserving recipients for a music scholarship, which is presented at the Youth Concert in the spring.

"We're already looking ahead to this concert and planning the method of choosing talented youth soloists to appear on the program," said William M. Cornette, board president. Cornette said that all young musicians who wish to audition for the Youth Concert should begin planning and rehearsing now.

Applications for auditions must be sub-

A free concert for the entire family will be mitted by Dec. 1 in order for student musicians to be considered for this chance to perform as soloists with the Desert Community Orchestra. Auditions will be held in January, and judges will evaluate all performances. Further information may be obtained by calling Cornette at 446-4279.

COM slates dance tonight Sea Breeze, a country and western group from Ventura, will play for the listening and dancing pleasure of Commissioned Of-

o'clock.

Dinner special for the evening will be a choice of either prime rib or the captain's plate, served from 6 until 10 o'clock. Tomorrow night's specials will a German dinner or king crab legs during the same



WINNING QUARTET - Winner of the recent Far Western District competition of the Society for the Preservation of Barbershop Quartet Singing in America was the 139th Street Quartet of the Indian Wells Valley Chapter of the organization. Shown above are Jim Kline and Jim Meehan, back row, and Doug Anderson and Pete Neushal (I. to r.) in front

The objective of the ratings is to nform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED **General Audiences** (PG) - ALL AGES ADMITTED Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian CS - Cinemascope STD - Standard Movie Screen

Regular starting time-7:30 p.m. Program subject to change without notice - please check marquee.

> 22 OCTOBER "BADGE" (116 Min.)

Robert Duvall, Verna Bloom (Crime Drama) This story is based on one of many true life experiences of former New York city detective Eddie Egan ("French Connection") and centers on uncovering a conspiracy to deliver rifles for a revolution. (R)

"LIFEGUARD" (97 Min.)

Sam Elliott, Anne Archer (Drama) This is the story of Sam Elliott, a 32year-old lifeguard, who experiences a reevaluation period in his life. He must decide between a full-time job as a car salesman and throwing in his towel as a lifeguard. The explicit language used in this film may prove offensive to

"ODE TO BILLY JOE" (106 Min.)

Robby Benson, Glynnis O'Connor (Romantic Drama) What really happened tha tragic day on the Tallahatchee Bridge? Bobbie Gentry's song about a pair of star-crossed lovers whose love affair ends tragically serves as the basis of this romance-drama in Mississippi where it all happened in 1953. (PG) 25 OCTOBER

"SHARKS' TREASURE" (95 Min.)

Cornel Wilde, Yaphet Kotto (Adventure) A sea captain and his crew go after sunken treasure in shark infested waters. When most of the gold has been recovered, the ship is seized by five escaped convicts. (PG

26 OCTOBER "JAWS" (113 Min.)

Robert Shaw, Roy Schieder (Adventure) A summer resort is seized by fear when a white shark is attracted to swimmers. Beaches are closed and economic strangulation threatens the town, until three desperate men — a fanatical fisherman, a mild police chief and shark expert — set forth to kill the shark. (PG)

"CORNBREAD, EARL AND ME" (95 Min.) Moses Gunn, Rosalind Cash

(Drama) The story of three boys growing up in the ghetto and one's special brand of loyalty and courage when he must stand up against the ficers' Mess patrons tonight from 9 until 1 establishment and tell the truth in order to clear his friend's name. (PG)

IWV Concert Association presents SUSANNE SHAPIRO, HARPISCHORDIST

29 OCTOBER "THE HERO" (96 Min.)

Richard Harris, Romy Schneider (Drama) An aging soccer player is befriended

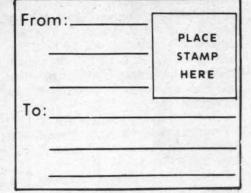
Blue Cross/Blue Shield rep to visit next Thurs.

Jeanine Sainsbury, a Blue Cross/Blue Shield Insurance representative, will be at the Community Center next Thursday, Oct. 28, from 10 a.m. to 3 p.m.

Enrollees in this medical insurance plan who wish to talk with her will be seen on an appointment-only basis. Beginning today, a sign-up sheet will be at the front desk of the Community Center.

Those interested in seeing Miss Sainsbury must come to the Community Center to sign up, since no appointments will be taken over the phone.

U.S. Government Printing Office:





Oct. 22, 1976

Vol. XXXI, No. 40

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American Heritage Celebration



HIT THE SILK! — The aerial portion of the Bicentennial Salute to the Armed Forces on Oct. 30 at the Naval Weapons Center will open with a demonstration of free-fall parachuting by the Navy Parachute Team West. Off-Center visitors are invited to join China Lake residents in observing the spectacular air show and viewing static displays of Air Force, Army, Navy and Marine aircraft at the Naval

Anyone who reads the newspapers could

wonder whether "terra firma" is really all

Disastrous earthquakes have hit China,

Japan, Russia, the Philippines and Italy

this year; a volcano is smouldering

ominously in the Caribbean, and one

CalTech scientist has warned that giant

quakes may soon increase as the relative

seismic storm lull ends. Another even made

a formal prediction that a moderate to large

temblor will hit Southern California before

the end of April 1977.

that firm.

Bicentennial Salute to Armed Forces planned Oct. 30 at China Lake

A spectacular Bicentennial Salute to the Armed Forces will take place at the Naval Weapons Center on Saturday, Oct. 30. Activities, which will be staged at the Naval Air Facility, will include such headline attractions as the famous Blue Angels, the Navy's flight demonstration team; and demonstrations by the Navy Parachute Team West and the Army's 10th Special Forces Group (Airborne).

The aerial portion of the program will get under way with a demonstration of formation free-fall parachuting by the Navy Parachute Team, originally called the "Leap Frogs."

The team's origin dates back to 1962 when frogmen from the Coronado-based underwater demolition and SEAL teams thrilled Armed Forces Day spectators with a parachute drop onto the Naval Amphibious Base. Deviating from their "strictly business" parachute training, the jumpers attached smoke canisters to their boots and

jolt that took place in Walker Pass in 1946

and was felt strongly at China Lake,

Over the years between 1934 and 1963,

traced multi-colored patterns against the

In addition, colorful nylon canopies have replaced the black parachutes that are used operationally. The resulting display of thrilling aerial maneuvers combined with multicolored smoke trails and precision landings has a genuine appeal to audiences of all ages.

So unique is their performance, that requests for parachute jumping demonstrations continue to be received from military and civilian organizations throughout the country.

Pinpoint Landings Stressed

Pinpoint landing accuracy is emphasized by these Navy parachutists from the Naval Amphibious Base at Coronado, Calif., who will provide visual proof of man's ability to control his descent earthward.

By utilizing his body, arms, and legs, the free-falling parachutist can accelerate from a relatively slow speed of 120 miles per hour to a head-down, breathtaking 200 miles per hour. Loops, rolls, spins, and formation drops are accomplished with a change in body configuration of the chutist.

"We can do almost anything an aircraft can do," says one veteran of the team.

"except go up." Each team member is superbly trained, making about 200 jumps a year of which 60 are in shows and demonstrations and all team members have graduated from a Halo course, jumping from 28,000 feet with

The Parachute Team will be followed by the Army 10th Special Forces Group (Airborne) demonstrating techniques of rapelling from a helicopter. The Special

(Continued on Page 5) 'Navy Appreciation Day' dinner coming up Wednesday night

The stage is set, preparations are made, and there's anticipation of a joyous occasion in the air as the date nears for a "Navy Appreciation Day" dinner that will be held Hall on the Desert Empire Fairgrounds in Ridgecrest.

An attendance of more than 400 persons (possibly approaching the 500 mark) is expected, the planners of this special affair have reported.

The underlying purpose of this unique event, which is being co-sponsored by the Ridgecrest and Invokern Chambers of Commerce, is to extend a genuine "thank you" from the residents of Indian Wells Valley for the multitude of services that have been contributed over the years by the Navy at China Lake to its neighboring communities.

This also will be an opportunity, according to Audrey Nelson, manager of the Ridgecrest CofC, for local area residents to gather together and express their appreciation to the Navy for providing an economic base for the area.

A no-host social hour starting at 6:30 p.m. will precede a roast beef dinner that is to be catered by Mr. P's Playhouse. Musical entertainment during the early part of the evening will be provided by the Burroughs

(Continued on Page 3)

The above prediction, be it noted, covered an area shaped like an irregular circle about 87 miles in diameter, extending as far south and west as the Hollywood Hills and downtown Los Angeles and as far northeast as Lancaster. What propects for the Indian Wells Valley? Is there any jolting news for residents of the China Lake / Ridgecrest in the immediate area was a 6.3 magnitude FRONTAL FAULT SIERRA NEVADA OF SIERRA NEVADA

energy equivalent to about 20 magnitude 3.0 potential for serious earthquakes in our earthquakes per 100 square kilometers has valley exists, but that the state of the art of been released in this valley. (Seismologists prediction does not allow us to pin them usually describe a quake as "moderate" if down closely in time. By extrapolating from it registers 6.0 to 6.9 on the Richter scale, the numbers and magnitudes of past "large" or "major" if it weighs in at 7.0 to quakes, however, it is possible to come to some helpful, if not comforting, conclusions.

Seismically Active Area

Possibility explored of earthquakes in this area

Dr. Pierre St.-Amand, head of the

Research Department's Earth and

Planetary Sciences Division, believes the

According to Dr. St-Amand, the Indian Wells Valley is one of the more seismically active areas of California. Although the valley itself has not had a truly destructive earthquake in historic times, numerous small quakes do occur throughout its whole extent and surrounding hills. The last earthquake of consequence which occurred

7.9, and "great or "giant" if it is 8.0 or The Indian Wells Valley is bounded on the west by the Sierra Nevada Fault; the Garlock Fault on the south; the Wilson Fault to the north; and the Argus Fault on the east. The valley floor is broken by three principal fault systems trending nor-

Ridgecrest and Inyokern.

theasterly, northwesterly and northly. It should be noted, Dr. St.-Amand points out, that many faults in addition to these (Continued on Page 3)

FAULT SCARP GRANITE , RHYOLITE DOMES

NEAR NEIGHBOR — In this aerial photo taken from above the mountain range. The fault scarp noted (a "fault" is a face or bank Sierran Fault is marked by the broken line at the base of the pre-existing fracture.

Coso Mtns. looking westward toward the Sierra Nevada, the of earth) was caused by repeated uplifts of the mountains along a

Honoring our Nation's military services **VETERAN'S DAY**

OCTOBER 25th



2 new members join Center's EEO Office, now fully staffed

Rear Admiral Rowland G. Freeman III, NWC Commander and Equal Employment Opportunity Officer, recently selected two new full-time members of the EEO staff. Karen Altieri, Federal Women's Porgram Coordinator (FWPC), and Joe Lopez, Spanish-Speaking Program Coordinator (SSPC), will assist Grant Williams, the Deputy EEO Officer, in developing and implementing important aspects of the

Now that the EEO Office is fully staffed, it is planned to further comply with EEO regulations by establishing both Federal Women's and Spanish-Speaking Program Committees.

The Federal Women's Program Committee will assist the FWPC in carrying out her part of the EEO program on-Center. It is expected that the duties of committee members will include helping to plan and carry out the popular Brown-Bag Seminars, Office, Code 0800, ext. 2348 or 2738.

assisting with the Center's annual Women's Week, and helping with other activities furthering the Federal Women's Program

The Spanish-Speaking Program Committee will perform a similar function for the SSPC, including helping with activities of Hispanic Heritage Week. These two committees, which formerly were subcommittees of the Center's EEO Committee, have now been established as separate entities and will each have their own distinct membership.

Any NWC employee may apply for service on either of these committees. Both seek representation from both sexes, and all organizational and occupational elements of the Center. Persons interested in volunteering for service on one of these committees, or in learning more about the work of the committees, may call the EEO

Vet's Day holiday business hours

Following are the hours of operation of business and recreation facilities at the Naval Weapons Center during the Veterans' Day holiday on Monday: Facility Hall Memorial Lanes and Snack Bar11 a.m. to 11 p.m. Golf Course7:30 a.m. to 5 p.m.

The remaining facilities will be closed on Monday. They are the Commissary and Navy Exchange, Barber Shop, Beauty Shop, Child Care Center, China Lake armacy, FEDCO Service Station Navy Exchange Service Station, Auto Hobby Shop, Camping Issue Facility, Ceramics Hobby Shop, Community Center, Hobby Store, Skeet and Trap Range, Youth Center, Laundromat, Navy Exchange Annex and Men's Store, and the Bennington Plaza, NAF and Michelson Laboratory Cafeterias. Neither will the catering trucks of the NWC Employee Services Board operate that day.

The Rocketeer

Official Weekly Publication **Naval Weapons Center** China Lake, California

RAdm. Rowland G. Freeman III

NWC Commander

Dr. G. L. Hollingsworth

Technical Director

C. E. Van Hagan

Technical Information Department

Don R. Yockey James J. Stansell Associate Editor Terri Jacks **Editorial Assistant**

Staff Photographer



DEADLINES **News Stories** Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information

published in the Rocketeer does not necessarily

reflect the official views of the Department of 3354, 3355, 2347 **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 Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 656 or 657). 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. num qualification requirements for all GS positions are defined in CSC Handbook X-118, while thos for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Electrician, WG-2805-10, JD No. 457, Code 26431 - Off Center applicants with Civil Service status may apply Duties include the lay out, planning, construction, installation and test of electric equipment. Incumben repairs electrical and industrial components intended for use in experimental and developmental equipment. Job Relevant Criteria: Knowledge of electrical theory, use of electrical test equipment, knowledge of electrical equipment and technical practices, trouble-shooting, electrical drawings, hand and power tools, safety and dexterity, ability to do the work of the position without more than normal supervision.

ROCKETEER

Boiler Plant Operator, WG-5402-7, JD No. 326, Code 26417 - Controls the operation of numerous individual boilers physically situated at separate locations, ranging in capacity from 200,000 BTU/hr. to 2,5000,000 BTU/hr. a steam pressure up to 75 psi. Controls the operation of one gas or oil fired boiler in a central heating plant. Typically each boiler ranges in capacity from 12,000 to 20,000 lb. per hour evaporation rate and is operated at 100 to 135 lb. per sq. in. gauge steam pressure. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; technical practices, handtools and measuring instruments, instructions, specifications, etc.; ability to work safely. Previous applicants need no

Clerk-Typist, GS-322-3 / 4, PD No. 7470033, Code 26403 -

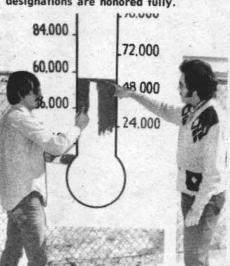
Total of \$51,000 raised thru midpoint of '77 CFC

At the half way point in the Combined Federal Campaign, a total of \$51,000 has either been pledged through payroll deductions that will begin in January or has been contributed in cash, the CFC treasurers reported.

"It's not quite half way to our goal of \$120,000, but we are solidly ahead of the collections at this point in prior years," added CFC co-chairman Eleanor

"In these final few days of this year's campaign all solicitors should talk with anyone in the organization who has not yet turned in a pledge card so everyone will have the opportunity to contribute. With the variety of organizations represented by the campaign, at least one will touch the life of every person, and this is a once-a-year chance to contribute through payroll deduction,"

The Combined Federal Campain represents the local United Way Agencies, the National Health Agencies, and the International Service Agencies. Money given can be designated for any individual organization within these groups, for one of the three groups of agencies, or can be given without designation. All designations are honored fully.



HALF WAY POINT - Research Department coordinator for the Combined Federal Campaign John Dancy shows painter Don Waldron how far the "thermometer" of contributions has risen. At the half way point in the 1977 fund drive, \$51,000 had been pledged, not quite half of the \$120,000 goal. Solicitors are urged to talk with anyone who has not yet turned in his or her pledge card since the CFC officially closes on Oct. 29.

is for the maintenance and control of all work reques records. Duties include filing, logging, typing and repor preparation. Job Relevant Criteria: Ability to work under pressure, to type efficiently and accurately, and to get along with others in work groups; reliability and deper

manual labor involving skill in the use of common tools and simple power equipment. Typically these jobs involve work incidental to the refrigeration and air-conditioning craft (i.e. loading equipment and assisting a journeyman) Job Relevant Criteria: Reliability and dependability as a laborer; ability to follow directions; knowledge of related ines of work, equipment and tools; dexterity and safety; ability to do the work without more than normal super vision. Promotion Potential: WG-3502-3.

Elevator Mechanic, WG-5313-11, JD No. 537, Code 26431 - Position is located in the Electric Section, Public Works Department. Duties include inspection, test, overhaul and repair of various automatic, semi-automatic or manually operated freight or passenger elevators, making mechanical and electrical repairs and adjustments. Job Relevant Criteria: Ability to do the work of elevato mechanic; knowledge of elevator systems and service practices; ability to use elevator technical knowledge of elevator information parts and equipment; ability to find and eliminate elevator troubles.

Bldg. 34, Rm. 212, Ph. 2032. Secretary (Typing), GS-318-4, PD No. 7633063N, Code 3342 — This position is that of secretary to the Phoenix ordnance components manager, Code 33402, and Fuze Project Branch II. Code 3342 of the Fuze Department. The incumbent receives and screens incoming mail, receives incoming calls and visitors, composes and reviews correspondence, establishes and maintains files, makes travel arrangements for all members of branch and the program manager, and performs a variety o miscellaneous administrative and clerical duties per taining to the official activities of the program manager

Job Relevant Criteria: Must be a proficient typist, have

knowledge of Navy and civilian correspondence

File applications for the above with Ginger Hamaty

procedures, and have ability to work independently and to use own judgement and initiative Supervisory General Engineer, GS-801-12/13, PD No. 7633011E, Code 3343 - This position is that of head, Fuze Project Branch III in Development Division II of the Fuze Department. The branch is responsible for the design and development of proximity fuze systems for guided missiles from design inception to the production of finished hardware. The incumbent will organize branch activities; plan and coordinate the direction of contractor efforts in area; provide consultation and assistance in area of fuzing applications to both on-and off-Center personnel; and plan the budgetary requirements of branch. Job Relevant Criteria: Experience in the design and development of

guided missile fuzes; ability to deal effectively with Center

management, off-Center contractors and governmen

sponsors; and the ability to manage and coordinate the

efforts of scientists and engineers engaged in developm

activity. Promotion Potential GS-14.

Sunday Worship Service

Sunday School - All Ages



DIVINE SERVICES

Wednesday Noon Bible Study Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant Communion Service first Sunday of the Monti ROMAN CATHOLIC 1700 fulfills Sunday obligation BLESSED SACRAMENT CHAPEL CONFESSIONS 1115 to 1130 0800 to 0825 RELIGIOUS EDUCATION CLASSES Pre-school thru 6th grades 1530 Kindergarten thru sixth Seventh & eighth

Above classes are held in Chapel Annexes across from Center Restaurant. Ninth thru 12th grades

"In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

(Junior High)

JEWISH SERVICES EAST WING - ALL FAITH CHAPEL sabbath Services every Friday

> UNITARIANS CHAPEL ANNEX 95 Services — (Sept. May)

Burros to play . . .

October 22, 1976

(Continued from Page 6)

Burroughs still very much in the ball game, but trailing 13-7. A run of 32 yds. by Jones for the Spartans led indirectly to the next score in the game, but even after giving up a first down on their own 38, the Burros' defense held and forced the Spartans to punt. The ball was downed by the visitors just inches short of the end zone, and on the next play from scrimmage, Charlon was dropped behind the goal line for a safety that gave Kennedy 2 points and a 15-7 lead.

Forced to kick from their own 20 after giving up the safety, the Burros defense gave ground grudgingly until Jones was stopped well shy of a first down on the Burroughs High 26. Two plays later, however, a fumble recovery by the Spartans on the Green and White 40 yd. line set in motion the series of plays that led to the third and final touchdown of the night for Kennedy.

Jones started things off with a 16 yd. run to the Burroughs 24. The Spartans were set back temporarily by a 15-yd. penalty, but this was offset when Saul Leonard broke loose for a 24 vd. gain and a first down on the Burros' 11 yd. strip. A 5-yd. penalty against Burroughs moved the ball to the 6 and two plays later Jones was in for the touchdown. A pass try for 2 extra points failed and the final points of Kennedy's 21-7 win over Burroughs were on the scoreboard.

Close race for top spot highlights action in Premier League

Two teams are tied for the lead and a third is just one game off the pace as a result of Monday night's action in the Premier Bowling League at Hall Memorial

Both the Saddleback Sales and Raytheon Sidewinders have won 15 and lost 3, while the Hideaway keglers have a 14 and 4 mark for the season

This week, the Saddleback Sales squad came through with both the high team series and high team game for the night by posting totals of 2,947 and 1,065.

High rollers this past Monday were Dick Furstenberg, whose 638 series led the pack, followed by Jack Herbstreit and Art Karrer, both with scores of 620; Chuck Cutsinger, 615, and Earle Roby, 602.

Cutsinger also had the highest single game for the evening (231), as well as an even 200 game. Others over the 200 game mark, and their scores were: Bill Jordan (230), Chuck Rouland, Jr., (226), Allen Smith (225 and 203), Herbstreit (225 and 213), Ray Freasher (221), Furstenberg (222 and 219), Bill King (222) and Ron Williams

Wilt's Corner . . .

(Continued from Page 6)

p.m. (10 lanes) and 3 to 6 p.m. (10 lanes); Friday, (red pin) 11 a.m. to 6:30 p.m. (10 lanes); Saturday, 11:30 a.m. to 1:30 p.m. (4 lanes) and 6 to 11 p.m. (10 lanes); Sunday, 11 a.m. to 5 p.m. (10 lanes) and 10 to 11 p.m. (10 lanes).

Basketball Plans

Representatives of 12 teams were present at the first organizational meeting for the 1976-77 basketball season last Tuesday night at the Community Center.

As a result of the meeting, there will be no mileage limit on players eligible to participate in the league, and roster limits were changed to 15 players, only 12 of whom can dress to play in one game.

All participating teams must submit a \$30 deposit to the gymnasium office no later than 2 p.m. next Tuesday. The last organizational meeting will be held that evening at 5 o'clock at the Community Center, at which time rosters, practice schedules and copies of the rules will be distributed.

Swim Club Practice Practice has started for the Over-the-Hill

Swim Club on Tuesday and Thursday nights from 8 to 9 o'clock.

Persons interested in participating may contact Sue Dick at NWC ext. 2334.

Employee in the spotlight

Jerry Reed, a recipient last month of the L.T.E. Thompson Award - the Naval Weapons Center's highest recognition for individual achievement - credits "a lot of fine associates of mine who had a hand in the work the award represented, because I was just the 'up front' guy."

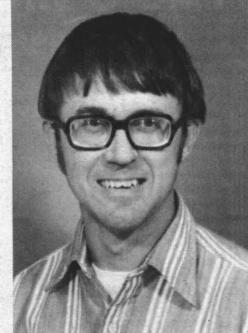
At the time he received the award, Jerry was a supervisory general engineer heading the Test and Evaluation Department's Project Engineering Division. In the citation that accompanied the presentation of his Thompson Award, he was commended for "his outstanding technical and administrative leadership in furthering the goals of the Center's Test and Evaluation

In light of his previous accomplishments, just a few weeks ago Jerry was made head of the Test and Evaluation Directorate's Long Range Planning Office. This group is coordinating the Project 21 program, a 25year plan designed to prepare NWC's T&E facilities for the 21st century.

Exciting New Job

"I'm very excited about this work because it has a lot to do with our future as a Center," says Jerry, who adds that the project has gotten favorable responses already from officials representing the Naval Air Systems Command, the Chief of Naval Material and the Chief of Naval Operations.

When completed, the project will represent a total capital investment of over \$100 million, but the immediate goal is to win Washington approval for the funding required. "Rear Admiral R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, NWC Technical Director, are pushing hard to see Project 21 succeed,



and we all hope to see the first input of money coming to China Lake in the FY 79 budget," Jerry said.

Jerry grew up in Ft. Worth, Tex., and it is striking to hear him speak without that inestimable variety of the Southern drawl. "I worked at not having a Texas accent," Jerry explains, "because I decided at an early age that I didn't want it - it's just not my style, although there's certainly nothing wrong with it."

In 1960 he received a bachelor's degree in aeronautical engineering from Texas A&M College, and soon afterwards entered the Army as a second lieutenant under the Reserve Officer Training Corps program. He spent most of his active duty time at the

TRAINING EXERCISE HELD - In preparation for emergencies where they will

be called upon to assist, ten members of the Indian Wells Valley Search and

Rescue Team recently took part in a training exercise involving the use of a

helicopter. Emphasis during the drill was on proper entry and exit procedures

from the aircraft, as well as the correct use of landing signals by the Search and

Rescue team members in the event they are in a situation that calls for them to

direct a helicopter to a landing zone. In the top photo, several members of the

volunteer group are shown running to get aboard a Navy helicopter piloted by Cdr.

J. W. Ehl, Naval Air Facility Administration Officer, while in the lower photo the

Search and Rescue Team members are being briefed prior to takeoff by ADJ3

Alfred P. Ortiz (back to camera), the plane captain. The training exercise was

-Photos by Sam Wyatt

conducted in the B Mt. area.

U.S. Army Aviation Material Laboratories in Ft. Eustis, Va., and returned to work there as a Civil Service employee in 1962 Jerry's job at Ft. Eustis put him in contact with a number of people at the Nava Weapons Center, and in 1965 he accepted & position here with the Infrared Countermeasures Group in the (former) Tes Department. A year later, while still working with this group, he received the Army's highest award given to civilians the Research and Development Achievement Award - for work he had done previously on aircrew protection systems. "I've always been high on en-

trepreneurial activities - finding a need and filling it," says Jerry, "and in 1970 sort of shifted gears and started the Aircraft Survivability Program at China Lake." In doing so, he designed the scale model of the Aircraft Survivability Range on his kitchen table at home as part of a successful fiveyear effort to convince the Naval Air Systems Command to build the Aircraft Survivability Facility here.

In 1971, while still running that program, he became head of the Aircraft Guns Systems and Survivability Branch while it conducted research on high-energy lasers and some advanced missile systems. Three years later, he became head of the Project Engineering Division with the responsibility of seeing that the workload for the air and ground ranges at NWC was planned

Public Speaking Enthusiast

Jerry developed an interest in public speaking while in college, and credits his ability to "articulate my views in front of large or small groups" with some of the success which he has had in his Civil Service career. He does a good deal of public speaking at his church, and describes separate one-hour briefings which he gave to four admirals in Washington recently as "the zenith of my speaking career."

Jerry says his ambitions are twofold. Within the government, he wants to take on "increasing levels of responsibility," and, on a more personal level, he plans to expand the business which he and his father, Jack Reed, have in Ridgecrest designing, fabricating and installing wrought iron railings and fences.

Jerry and his wife, Linda, and their children Leslie, 14, and Jack, 11, are obviously a very close family. Dad was the coach of Jack's Little League baseball team last summer, and the whole clan enjoys vacationing together.

When asked to describe himself in a few words, Jerry immediately responded, "I am very happy to be a Christian and I feel blessed in having a good job and a good family."

Special dinner to be served at Enlisted Dining Hall Oct. 30

For as long as they last, tickets are stil being sold for a special dinner that will be served at the Enlisted Dining Hall or Saturday, Oct. 30, as part of the Naval Weapons Center's Bicentennial Salute to the Armed Forces.

Just 400 tickets are available for the prime rib steak dinner, and they must be purchased in advance since none will be sold at the door on the day of this event.

The tickets, which are being sold on week days from 11 a.m. to 2 p.m., can be obtained at the Food Service Office located just behind the main galley (next to the Police Station.)

The price for this full course dinner is \$1.40 for officers and civilians, \$1.15 for enlisted military personnel on Comrats, and 75 cents for children under 12 years of age Attendance is open to military personnel, their dependents and guests.

The main entree of prime rib steak will be accompanied by ample servings of soup, a variety of salads, baked potatoes, hot rolls or bread and butter, cake, ice cream and beverages.

The best showing ever by a Naval Weapons Center team in an 11th Naval District flag football tournament was made last week as the China Lake gridders placed third in the northern area playoffs held at the Naval Support Activity, Long Beach.

After posting a 34-16 win over their rivals from the USS Bronstein in their opening game last Tuesday night, the locals continued their winning ways the next evening by pounding out a 22-6 victory over the U.S. Coast Guard, Long Beach.

This game featured a strong offense, and just as tough a defense. In the first quarter, NWC quarterback Bob Jackson fired a 40yard scoring pass to Charles Barrows, and the team's defense came alive in the next period when Bob White and Ken Rodgers trapped the opposing quarterback in his own end zone for a two-point safety. Running back Gordon Gillie ended the first half's scoring by scampering 20 yards to paydirt, and the ensuing PAT was good.

The second half of play began with China Lake on top by a 16-0 score and gunning for more. Jackson soon hit Ian Refo on a fiveyard scoring pass, and a short time later the Coast Guard chalked up its only tally of the game on a long desperation pass. NWC's Jim Erdman and Kevin McSwain made key interceptions during this contest.

By virtue of this victory, the locals earned a berth in the championship game, in which

No chukar, quail hunting allowed in NWC range area

No hunting for chukar or quail will be permitted within the boundaries of the Naval Weapons Center during the 1976-77 season which opens tomorrow.

Although brood counts conducted last August on the NWC north ranges indicated a fair potential for chukar hunting, the counts of valley or Gambel's quail continue to show a declining trend. Mountain quail counts were slightly up from those of the last several years.

In notifying the NWC Natural Resources Advisory Board of his decision to suspend the hunting program on Center this season, Rear Admiral R. G. Freeman III, NWC Commander, called attention to several factors that had been weighed in deciding against permitting upland game hunting, such as overall game counts and the effect of recent heavy rains.

Paramount consideration had to be given, however, to information which indicates the increased possibility of efforts by individuals and organizations to gain access to the Center under the guise of participating in approved activities.

Because of the increasing number of project activities that NWC is supporting, it is in the best interests of the Navy not to approve the recommendation of the NWC Natural Resources Advisory Council to allow upland game hunting on the Center

this season. Admiral's Cup flag football play slated

Admiral's Cup competition in flag football is scheduled next Tuesday, Wednesday and Thursday nights, starting at 7, at Schoeffel

Seven-man teams representing the Naval Air Facility, Air Test and Evaluation Squadron Five (VX-5), and the Naval Weapons Center will be playing one another out, as of press time, the play-off schedule vasn't available.

Player-coaches of the three teams are Lt. Ian Refo, NAF; AK2 Rick Booth, VX-5, and DT3 Greg Pecheos, NWC.

With the results of two events-bowling and golf - already in the record book for the current year of Admiral's Cup competition. NWC is in the lead with 10 points, while NAF and VX-5 are tied with 4 points

For each event in the Admiral's Cup competition, the winning team receives 5 points, 3 points are allocated for second place and 1 for third.

their rivals were the undefeated gridders from the USS Denver.

The opposition scored 22 quick points on a combination of run and pass plays, but the NWC offense came right back as Jackson tossed a beautiful pass to Refo to make it USS Denver, 22, NWC, 8, at the halftime. The second half was strictly defense, however, and as neither team scored the China Lakers suffered their first loss and were dropped into the consolation bracket of this double-elimination event.

In the final and consolation round game, the NWC gridders met their earlier rivals, the Coast Guard, in a contest to determine

the No. 2 team eligible to compete in this week's all-11th Naval District flag football championships in San Diego.

The toll of playing for three straight nights was beginning to show in the locals' performance. The Coast Guard scored quickly and early by posting 14 points on pass plays, but the NWC team soon regrouped and scored on 20 and 4-yard runs by Greg Robbins.

The China Lakers, however, failed to make good on their PAT attempts, and this proved to be the difference in the game, as they bowed to the Coast Guard by a final score of 14-12.



CHALK UP 6 MORE - Larry Jones, elusive and speedy halfback for the Kennedy High varsity football team, heads for paydirt on one of two long touchdown runs he registered on the Burroughs High gridiron last Friday night. Shown in hot pursuit are (from left) Rudy Muro, Steve Cordle and Mike O'Brien of Burroughs. The local high school eleven lost to the visitors from Barstow by a score of 21-7.

Burroughs varsity takes 2-1 league record to Antelope Valley tonight

It's out of the frying pan and into the fire tonight for the Burroughs High School varsity gridders.

After losing 21-7 last Friday at home to the Kennedy High Spartans, the Burros will be traveling to Lancaster to take on the defending Golden League champs from Antelope Valley High School. Kick-off time for this third tilt of the 1976 Golden League season will be 7:30 p.m.

The Antelopes and Spartans battled to a 7-7 tie on Oct. 8, and the Burroughs varsity eleven is expected to have its hands full tonight at Lancaster.

In their game last Friday with the visitors from Barstow, the Burros, led by the hard running of Ken Charlon, got off to a fast start by covering 60 yds. in seven plays to score the game's first touchdown in less than 3 min. of playing time.

Charlon, who carried the ball four times on this drive, tallied on a 22 yd. run, and Jay Kovar booted the extra point to give Burroughs a 7-0 lead.

Fumble Thwarts Drive

Although that was all of the scoring in the first period of play, the Spartans threatened by moving the ball from their own 27 to the Green and White 18 before a fumble recovery by Kent Hill turned the ball over to

Burros' offense once again began to roll as outplayed the Atoms' inexperienced left the locals moved the ball from their own 17 defenders. to the Spartans' 26 where they came up a Walter Turner, left fullback of the Atoms, yard short of a first down on a fourth down

This set the stage for the first of two long Atoms defenders also helped to contain the touchdown runs by Larry Jones, speedy Stars' attack, the Atoms' lone goal, scored halfback for Kennedy, who rambled 74 by John Baldacci, was too little, too late. yards to paydirt and, when the kick for the PAT was good, the game was all even at 7-7 halfway through the second period.

There was no more scoring for the remainder of the first half, but the Burros were threatening and had the ball on the Kennedy 24-vd. line just before the intermission when a field goal try by Kovar fell short with just 6 sec. to play still showing on the scoreboard clock.

the second half, Jones put the Spartans out no favorite should be picked this early, in front for good as he ripped loose on an 80yd. kickoff return for a touchdown. The extra point try failed, making the score 13-7 in favor of the visitors from Kennedy High. 4-2 contest.

Three plays later, Rick Jaramillo,

pass to John Lowe for a gain of 36 yds. and a first down on the Kennedy 36, but the aerial game then backfired when a pass interception turned the ball over to the Spartans just inside their own 20 yd. line.

Three running plays combined with a 15yd. penalty against Burroughs gave Kennedy the ball on its own 45 at which point Les Yarber, the Spartans' quarterback, completed a pass to Charles Jarvis, who was finally hauled down around the Burros' 5-yd. line. The penalty bug then popped up to smite the Spartans and that, coupled with a staunch defensive effort by the locals, forced the visitors to settle for a fake field goal try which failed from the Green and

The fourth quarter got under way with

nwc rocketeer **SPORTS** Wilt's Corner

October 22, 1976

MDISL's minor sports carnival set this weekend

This season's final event in Mojave Desert Inter-Service League competition the minor sports carnival - will take place this weekend at Edwards Air Force Base, with four China Lake representatives scheduled to compete.

They are Lt. Col. Sam Puma, USAF, and Lt. Phil Fossum (racketball); Wilt Wyman (badminton) and Paul Seregow (handball).

Swim Instruction Swim instruction for four age groups of youngsters, from six months to five years of age, will begin at the indoor pool on Nov. 9, while instruction for women at least 16 years of age will begin Nov. 11.

Signups for these 8-week courses may be made with the gymnasium secretary between the hours of 9 a.m. and 2 p.m., Monday through Friday.

Open Bowling Hours

Questions have been raised concerning the lack of open bowling hours at Hall Memorial Lanes, and potential patrons have complained that league bowlers occupy too many lanes during the evenings.

Open bowling times have been tried in the past, but have resulted in substantially lower income on those nights. League bowling teams pay approximately \$16.50 per night, and two teams per league would be dropped if two lanes were left for open

Such a situation would result in a loss of approximately \$700 each week, and necessitate an increase in lineage fees for

Following are the open bowling hours: Monday, 11 a.m. to 6 p.m. (10 lanes) and 8:30 to 11 p.m. (2 lanes); Tuesday, 11:30 a.m. to 6 p.m. (10 lanes); Wednesday, 1 to 5:45 p.m. (10 lanes); Thursday, 11 a.m. to 1

(Continued on Page 7)

Stars atop National Div., American Div. led by Apollos in Youth Soccer League action

Early into the Naval Weapons Center's Spirits' goal keeper, was almost incredible Youth Soccer League season, the Stars are alone on top of the National Division, while the Apollos are the undisputed leaders of the American Division.

In action last Saturday at Davidove Field. the Stars defeated the Atoms by a score of 3-1 by banging in three goals in the first half. As the second quarter got under way, the All three were tallied by Andrew Lloyd, who

turned in a brilliant second half to keep the Stars totally in check. Although other

The other game in the National Divison ended in a 3-1 tally also as the Sounders defeated the Cosmos. The Sounders featured a strong attack on the right side by Zach Halop and Bobby Bruce, while Andy Haaland effectively controlled the field to get those two under way. The Sounders' David Murray scored two of his team's

Although the Cosmos are now 0-2 for the When the play was resumed at the start of season, the league is so well balanced that according to league officials.

In the American Divison, the first game of the year saw the Apollos beat the Spirits in a

Kjrsten Haaland scored both goals in the quarterback for Burroughs, completed a Spirits' losing effort, and Brian Haug, the as he repeatedly stopped the powerful Apollos' offense. Brian Lloyd tallied three times for the winners, and Will Gagliardi added one more goal.



TOP SCORER - David Murray (at right), left forward for the Sounders in the Youth Soccer League, is shown attempting to get around a defending Cosmos player on the way to a score during last Saturday's action at Davidove Field, as teammate Gregory Peake (in background), left wing, assists. Young Murray scored two goals during the game and fellow Sounders player Bobby Bruce, the right forward, scored 1, as their team defeated the Cosmos by a score of 3-1.

Quake possibilities probed . . . "although the only one available to us, is not

(Continued from Page 1) undoubtedly exist in this area. In an alluviated region such as the valley floor, not know when in those times the event surface evidence of faults can be rapidly erased by the forces of wind and water.

"The Garlock Fault is of considerable interest to us locally," he says, "because although it has had no earthquakes of consequence on it in historic times, evidence of recent movement along this feature is quite fresh and abundant. The fault is capable of producing earthquakes in excess of magnitude 8.0.

"Although no earthquakes seem to be taking place at present along its length, the absence of activity is not to my mind a cause for complacency. Rather, I feel that it merely indicates that a long time has passed since the last earthquake on that structure," Dr. St.-Amand said.

This view is strengthened, says Dr. St.-Amand, by a few bits of evidence that indicate the Garlock Fault has begun to show gradual movement in places. This is usually regarded as evidence that the fault is active and perhaps even ready to slip in an ear-

The second important source of trouble for the local area — the Sierran Fault — is an even more direct hazard than the Garlock fracture, according to Dr. St.-Amand

Hazard Difficult To Assess

"It is difficult to assess the hazard here in terms of earthquake magnitude, for no history on the behavior of the fault in the vicinity of Ridgecrest is available," he says. "However, based on the length and proximity of the fault, it is reasonable to expect that it would break between its unction with the Garlock Fault and, say, Little Lake. In doing so, it could produce an earthquake of magnitude 7.5 to 8.0."

For this portion of the program, there will Believing that "the key to the seismic be spokesmen for the City of Ridgecrest, the future is at present through the past," Dr. community of Inyokern, the Desert Empire Clarence Allen of CalTech and Dr. St.-Fair, and the business, educational and Amand have created a graph which estimates the frequency and magnitude of Highlight of the evening will be the earthquakes to occur per 1000 sq. presentation of a plaque from the City of kilometers for several different regions of Ridgecrest, the Ridgecrest and Inyokern

CofCs, and the people of Indian Wells Valley Based upon this, they are able to say that, to Rear Admiral R. G. Freeman III, NWC using the behavior of Kern County as an Commander, who will accept it on behalf of example, we can expect that there will be, within a ten-mile radius of Inyokern or Bud Eyre, an automobile dealer in Ridgecrest, one magnitude 6 earthquake Ridgecrest, and Dorothy Stapp, viceevery 30 years, one of magnitude 7 every 200 president of the Inyokern CofC, are coyears, and a magnitude 8 shock once a chairmen of this "Navy Appreciation Day"

This procedure," warns Dr. St.-Amand,

near as much activity as do other regions of the state, and yet we know full well that it has had the most and biggest earthquakes in historic times." Of little consolation is the fact that a period of quiescence has preceeded some large shocks. For example, he says, the Chilean quake of 1960 occurred, in part, over an area in which the oldest inhabitants could not remember having felt even a

to be taken at face value, because one does

might occur, or, indeed, if it will occur at

all. By way of caution, furthermore, the San

Andreas Fault zone does not show anywhere

slight temblor. In the future, will there ever be a science of "earthquake modification" as there are now "weather modification" efforts which artificially induce rain and disperse some

Several Proposals Made

Several proposals in this line have already been made.

Dr. Edward Teller, popularly known as "father of the H-bomb," has proposed relieving the strain built up in rocks (which is associated with earthquakes) by setting off smaller, controlled quakes with atomic bombs. It has been observed during tests conducted by the Atomic Energy Commission in Nevada that quaking which accompanies atom bomb blasts there is greater than should be expected from the size of the bombs themselves. This "extra" quaking, though man-induced, is genuine earth-quaking.

Another method of relieving accumulated stress along fault lines has been suggested recently by researchers of the U.S. Geological Survey, who have proposed a system of deep injection wells drilled five kilometers apart and five kilometers in depth. By pumping water into them, and then allowing the fluid to flow back above ground, "miniquakes" might thus be induced, preventing a catastrophic displacement of the fault.

Lastly, Dr. St.-Amand has theorized that it may be possible to lubricate fault zones with sea water, for instance, and thereby let unavoidable slipping occur relatively

"It is a better idea, though, I think, to learn to live with earthquakes than to seek to avoid them," he concludes.

New monthly BAQ rates

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		Commission	oned Officers	
	0-10	\$297.00.	\$29.40	\$371.40
	0-9	297.00.	29.40	371.40
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New service BAS rates

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	separately\$2.65 per day
	When rations in-kind
	not available\$2.99 per day
	When assigned to
	duty under emergency
	conditions where no
	messing facilities of
	the United States are
	available\$3.97 per day

leave sell-back to basic pay. Military pay raise effective Oct. 1

will be Dr. Rex Shacklett, a long-time

resident of Ridgecrest and former mayor of

the city. During the evening, the emcee will

call upon a number of persons to recall

examples of the many and varied ways the

Navy at China Lake has been a good neigh-

bor to all of the residents of Indian Wells

PLAQUE RECEIVED - Professor Sir Hermann Bondi, Chief Scientific Advisor,

Ministry of Defense of the United Kingdom, receives a Naval Weapons Center

plaque from NWC Technical Director Dr. G. L. Hollingsworth on the occasion of

his recent visit here. Bondi and Minister Jack S. Shayler of the Defense and

Research Staff of the British Embassy in Washingon, D.C., were briefed by local

Valley.

medical fields.

the Center.

scientists and engineers about electro-optics guidance and seeker technology.

(Continued from Page 1)

High School Stage Band, and organ music

by Jerri Lee is planned while the dinner is

Master of ceremonies for this occasion

President signs DoD

appropriations bill

President Gerald Ford recently

signed the \$104.6 billion Fiscal Year 77

Department of Defense appropriations

The bill appropriates \$35.9 billion for

Navy and Marine Corps programs,

including funds for 15 new ships, the

conversion of the Belknap (Guided

Missile Cruiser-26), the modernization

and conversion of the USS Long Beach

(Guided Missile Cruiser, nuclear

propulsion-9) into an Aegis platform,

and long-lead procurement items for a

Additionally, the bill continues ap-

propriated fund support for military

commissaries, reduces the number of

Naval Districts to four and limits future

fourth Nimitz-class aircraft carrier.

being served.

Navy Appreciation Day' dinner slated . . .

The new increase in pay for military personnel at the Naval Weapons Center was reflected in paychecks distributed on Oct. 15.

PAY GRADE	YEARS Under 2	Over 2	Over 3	Over 4	Over 6	Over 8	Over 10	Over 12	Over 14	Over 16	Over 18	Over 20	Over 22	Over 26
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E-6	534.00	582.30			655.50	679.80	704.40	741.00	764.10	788.40	800.70	800.70	800.70	800.70
E-5	468.90	510.30			594.60	618.90	643.80	667.20	679-80	679.80	679.80	679.80	679.80	679.80
E-4	450.60	475.80			564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30	564.30
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417.30 41 * The rate of basic pay for members of the Uniformed Services is limited to the rate for Level V of the Executive Schedule, or \$3,300 per month.



ART SHOW, AUCTION SLATED SUNDAY - Sharon Boyer (at left) and Cheryl Nalley, two members of Xi Omicron Mu chapter of Beta Sigma Phi sorority, display art work typical of the kind that will be on exhibit and sold during an auction on Sunday evening at the Community Center. Prospective buyers will have the opportunity from 7 to 8 p.m. to look over the variety of art work ranging from oil paintings, lithographs, watercolors, etchings and serigraphs before the auction gets under way at 8 o'clock. A dessert buffet will be served during the art show and auction, and donations for admission to this affair have been set at \$2 per person. Special event passes will be available at the NWC main gate to enable all interested local area residents to attend. All proceeds from this event will be contributed by the sorority to various charitable and service programs in the Indian

Harpsichordist Susanne Shapiro to present concert here Oct. 28

London and the Juilliard School of Music in

New York has prepared Miss Shapiro for

her concert career, which includes regular

appearances at Lincoln Center in New

York, at the Kennedy Center in Washington,

D.C., and at the Hollywood Bowl in Los

The noted musician recently completed a

European tour and added to her laurels

during 1976 by playing all of the multiple

concertos by J. S. Bach in partnership with

harpsichordist Anthony Newman at the Los

Angeles Music Center and at UCLA's Royce

Miss Shapiro has spent much of her life

concentrating on the harpsichord - both as

a soloist and ensemble player. Her ability

has drawn praise from critics and the public

alike as she has been commended for her

"I like," Miss Shapiro adds, "the process

of interpreting a new piece of music -

following the composer's frequently sparse

notations. I want to share the excitement

this music holds for me with my audience."

During her appearance here next Thursday

night, she will perform works of Bach,

Haydn, Scarlatti, Scott Joplin and others.

Shapiro, who heads the harpsichord

departments of Pomona College and

California State University at Northridge.

conducts seminars at colleges throughout

Her harpsichord is an unusually fine

instrument that is modeled after 17th and

18th century instruments of the "Northern

European" school. Its depth and clarity of

tone enable the artist to fully express her

reserved. Prices, depending on seat

location, are \$5, \$4 and \$3 for general ad-

mission. There is a half-price rate for

youths under 21, enlisted military personnel

Reserved seat tickets can be ordered at

any time by calling the Indian Wells Valley

Concert Association at 375-5600, or pur-

chased at the Center theater box office next

Wednesday, Oct. 27, between 4:45 and 6

p.m., or on Thursday, Oct. 28, between 4:45

All seats for the Oct. 28 concert are

southern California.

excitement with the music.

and senior citizens.

In addition to concert performances, Miss

delivery and virtuoso technique.

A varied musical program by Susanne Shapiro, an accomplished harpsichordist, will be presented next Thursday, Oct. 28, at 7:30 p.m. at the Naval Weapons Center theater as the second program in the Indian Wells Valley Concert Association's 1976-77

Study at the Royal Academy of Music in

Happenings around NWC

Ballet Arts Theatre's classes for the Maturango Museum building fund will begin next week. Adult classes at a special rate of \$20 for six weeks (with all money going to the museum) will be taught by Ballet Arts Theatre's director, Bette Jacks.

Anyone interested may still sign up for the Wednesday evening session by calling Mrs. Jacks at 446-4748.

Young Bowlers Needed

A few more young bowlers are still needed to round out teams competing on American Junior Bowling Congress teams Saturdays at Hall Memorial Lanes.

There are openings for Bantam bowlers (9 to 11-year-olds), who bowl at 9 a.m., and also in the Junior division (for youngsters 12 to 14 years of age), who bowl at 3:15 p.m.

Boys or girls interested in taking part in this recreational activity are asked to contact Dean Ray, manager of the bowling alley, by calling NWC ext. 3471.

Enlisted Club Slates Dances

The Pawntunes, a rock band from Pomona, will play at Enlisted Club dances tonight and tomorrow night from 9 until 2

Dinner special for tonight will be fried fish, while that for tomorrow night will be surf and turf. Both will be served from 6 until 8:30.

Square Dance Set Saturday

Gary Ortega, of Simi, Calif., will be the guest caller for Jim Dandies Square Dance Club members and guests tomorrow night from 7 until 11 o'clock at the Community Center.

All interested square dancers are welcome to attend.

CLOTA production of 'Prisoner of Second Ave.' to open on Oct. 29

Simon comedy about a couple trying to cope high school and college as well as with the with the stresses and anxieties of life in New Porterville Barn Theatre and the Long York City, will be the next production of the Beach Players. Among the many roles that Community Light Opera and Theater Association (CLOTA).

ROCKETEER

Scheduled for performances at the Burroughs High School lecture center on Oct. 29 and 30 and Nov. 5 and 6, "The Prisoner of Second Avenue" is directed by Alan Kubik, and will feature Len Finney, a professional actor, in the role of 47-year-old

Finney, who is employed as an engineer at Systems Consultants, Inc., has appeared many times before both movie and television cameras, but prefers performing before a live audience. He has taken part in more than 75 professional stage productions in the Hollywood and Los Angeles areas, including such hit shows as Steve Allen's "The Wake" (nominated for the Drama Critics Award as best show in 1971), "The Odd Couple," "The Impossible Years," "Take Her She's Mine," "Plaza Suite," and

Finney's television credits include "N.Y.P.D.," "The Defenders," "Cannon," "Emergency," a Carrol O'Connor special and Jerry Lewis Telethons, but he is best known for his recurring role as Capt. Whitman in the "Combat" series.

Words of Advice Offered

He offers this advice for aspiring actors: "If you want to be an actor, study engineering so you can make a living."

In "The Prisoner of Second Avenue." Finney (as Mel Edison) lives with his wife, Edna, in a high-rise "luxury" apartment house on Second Avenue. The building has paper-thin walls, trying neighbors, faulty plumbing and an air conditioning system that is on the blink.

The role of Edna Edison in the CLOTA production will be played by Jean Lehmann, who was most recently seen this past summer as Mrs. Morgan in the Cerro Coso College presentation of "Ten Nights in a

Mrs. Lehmann, who has only recently become active in local theater productions.

Civilian students accepted at Navy Postgraduate School

There has been a recent change in policy authorizing the Naval Postgraduate School (NPS) at Monterey, Calif., to accept civilian students. The Naval Weapons Center has been making use of this resource for long-term training for the past two years on an exception basis.

Attendance at NPS enables civilians to pursue graduate level studies in areas of significance to their careers, while permitting them to remain in close touch with the Navy and current Navy issues.

According to SECNAVINST 12410.17, dated Aug. 2, 1976, "The principal criteria for evaluating educational facilities to be used for civilian employees are ability to meet training needs effectively, economically, and in a timely fashion. Within the context of these criteria, it is Department of the Navy policy that the NPS be given first consideration for civilian

employees. NWC's Long-Term Training Committee will also review future applications for longterm training with this in mind. Further information about the NPS can be obtained from the Training Center by calling Terry Mitchell at NWC ext. 2675.

Promotions earned by five sailors from VX-5

Five Air Test and Evaluation Squadron Five sailors were recently advanced in rate.

They are AME1s Michael Woelk, of the Aviation Equipment Shop and Gerald Melcher, of the Quality Assurance Shop; PH1 Richard Grant, of the Photo Lab; AT1 Lloyd Plett, of the Aviation Electronics Shop, and AMS2 Louis Paul, of the Airframes Shop.

"The Prisoner of Second Avenue," a Neil acquired considerable stage experience in she has portrayed are those of Carrie Pipperidge in "Carousel," Annie in "Annie Get Your Gun," Muriel in "Ah, Wilderness" and Charlotte Corday in "Marat-Sade."

October 22, 1976

Rounding out the cast of "Prisoner" are Pat Schwarzbach, one of the local area's



most active actresses and directors; Ralph and Judy Vuono, who are both well-known from previous CLOTA and China Lake Players' productions, and Pat White, who also appeared in the most recent Cerro Coso College summer production

Tickets for "Prisoner of Second Avenue" are priced at \$3.50 for general admission and \$2.50 for students, enlisted military personnel or senior citizens.

They will be on sale at the Burroughs High lecture center before each performance, or can be purchased in advance at the Station Pharmacy or in Ridgecrest at the Gift Mart, Medical Arts Pharmacy or

Cerro Coso to begin 'Saturday College' program tomorrow

Cerro Coso Community College will initiate its "Saturday College" schedule beginning tomorrow with three classes.

Art 89, a course in the design and techniques of leaded glass window fabrication, will meet from 8:30 to 11:50 a.m. at the Cerro Coso City Center, 735-737 W. Ridgecrest Blvd., Rm. 2E. There will be a \$15 lab fee for this course.

Home Auto Diagnosis and Tune-up, Auto 69, will meet at the same time and building, in Rm. 2D. The course specializes in basic automotive electrical theory and fuel systems, engine diagnosis and tune-up procedures for popular American and light

P.E. 105t, Tennis Fundamentals, is being offered at the college tennis courts, also from 8:30 to 11:50 a.m. The non-credit course will help beginning tennis students develop proper techniques of playing the

Prospective students may register at the first meeting of each scheduled class. Further information may be obtained by phoning 375-5001.

Proficiency flying program terminated

Proficiency flying, the program which allows aviators to maintain basic flight skills while serving in billets which do not require operational flying, was terminated on Oct. 1.

The move, which results from financial constraints, is expected to save about \$6.5 million annually

Approximately 1,500 pilots and Naval flight officers, 0-5 and below, are affected. Termination of the proficiency flying program will have no affect on flight pay. Aviators who are eligible for flight pay under the provisions set forth by Congress will continue to receive it.



PREPARING FOR BAZAAR - A variety of stuffed animals will be offered for sale at the WACOM Christmas Bazaar by the United Methodist Women of Ridgecrest. Shown busy with their preparations for this event are (from left) Nancy Beasley, Edwina Spooner and Marge Benham. With Mrs. Benham is her

Christmas Bazaar sponsored by WACOM to be held Nov. 12-13

Preparations are well under way for the sixth annual Christmas Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers Mess, which is to be held on Nov. 12 and 13 at the Community Center.

More than 20 local organizations will be joining with WACOM by participating in this festive event, the proceeds from which will be used to support various charitable, civic and youth service programs.

Sue Byrd, chairman of the Christmas Bazaar for the past five years, will be serving in this capacity again this year. She reports that an unusually varied array of cleverly handcrafted items will be offered for sale at booths which will be manned by the organizations involved with WACOM in this annual holiday season fete.

"It can be very gratifying to complete one's Christmas shopping knowing that the money you spent has all been turned over to well deserving charities," Mrs. Byrd noted. "This is the feeling you can receive when you patronize the Christmas Bazaar," she

Included on the list of organizations and the types of items they will be offering for sale are the following:

The United Methodist Women of Ridgecrest will be selling their Winnie The Pooh animals along with other varieties of stuffed animals and dolls.

WACOM will be offering very attractive stationery, calendars, recipes and Christ-

The Maturango Museum will be selling Cloisonne jewelry and Cloisonne pictures on wood block, created by Margaret Roberts,

Orientation program slated Oct. 27 for Friends of Museum

An orientation for present and prospective Friends of the Maturango Museum will be held at the museum on Wednesday evening at 7:30.

The Friends are responsible for keeping the museum open on weekends and also for giving guided tours to visiting groups. The purpose of the orientation is to furnish informational material on the displays to those who are volunteers for this phase of the museum operation.

At the meeting, James Baird, one of the authors of the "Rock Drawings of the Coso Range," a book published by the museum, will discuss Indian petroglyphs. In addition, Lorraine McClung, president of the board of trustees, will give a guided tour of the museum emphasizing questions frequently asked by visitors.

nationally known for her exquisite enamel work. Regular items from the museum also will be offered for sale.

Members of the IWV Music Parents

Group will sweeten the day with their delicious homemade candies. The Burroughs Band Boosters will have

their popular critter plaques available again this year, plus attractive candles made with sea shells and driftwood. Desert Flowers Chapter No. 125 of the Navy Wives Club of America has a long list

of gift items which will be available at the bazaar, including Barbie doll clothes, crocheted work, book worms, and marble

Miss Ridgecrest-China Lake Pageant planned Oct. 30 at Center theater

for the annual Miss Ridgecrest-China Lake playing the drums. Pageant, which will be held on Saturday, Oct. 30, starting at 8 p.m. at the Naval Weapons Center theater.

producer of the show and treasurer of the Miss Ridgecrest-China Lake Pageant Association, the 10 entrants in this year's event have been involved in preparations Lake Pageant Association was able to raise for the pageant every Saturday since Sept.

In addition to practicing their various routines and talent numbers, a lot of other work has been done by everyone involved in developing what is expected to be a topnotch program.

The entrants, each of whom is sponsored by a local club, organization or business, are Shari Davis, Kathy Farris, Candy Francis, Bessie Johantgen, Denise Johnson, Susan Karlstrom, Lora McCahan, Donna McKernan, Lori Noland and Lisa White.

Former Miss America

Mistress of ceremonies for the evening will be Laurie Lea Schaefer, 26-year-old former winner of the Miss America Contest from Ohio, who will sing three or four selections during the evening. Miss Schaefer, who is a graduate of Ohio University with a degree in fine arts and music, is a lyric soprano who has played the female lead in productions of "Oklahoma," "The Sound of Music," and "Bye Bye Birdie," plus numerous other leading roles with the Ohio University Opera Co.

Another participant in this year's Miss Ridgecrest-China Lake Pageant will be Mary Lee Paine, 1976 winner of the local pageant, who will present a gymnastics routine to a musical number called "Machine Gun." This is the same talent number that Miss Paine performed during the Miss California pageant last June at Santa Cruz.

Musical accompaniment during the Miss Ridgecrest-China Lake Pageant will be provided by The Tempos, a local group composed of Dan Lydon, on the bass,

Rehearsals are entering their final stage Beverly Bell, pianist, and Michael Garrett,

Tickets for admission to the local pageant on Oct. 30, priced at \$3 per person, can be obtained from any of the contestants, from Under the direction of Lynn Bradberry, members of the pageant association, and also will be on sale at the theater box office on the evening of the big event.

Last year, the Miss Ridgecrest-China



Laurie Lee Schaefer **Mistress of Ceremonies**

\$3,000 in scholarships that were awarded to the winner and each of the other nine entrants, and hopes to do as well or better this year, Pete Petersen, the association's executive director, stated.

The scholarship fund results from the sale of tickets for admission to the pageant, from advertising and from donations that are

Salute to military . . (Continued from Page 1)

Forces Group has a wide variety of skills ranging from mountaineering to use of SCUBA techniques. "Rappelling from a helicopter is really much simpler than rapelling down a mountain," according to a spokesman for the group. Those watching might well disagree.

Climax to the aerial part of the program will be the precision flying of the Blue Angels. In the 30 years since their formation, the Blue Angels have performed before nearly 150 million people throughout the world.

Static displays of Air Force, Army, Navy, and Marine aircraft and equipment will be on exhibit before and during the air show. Music will be provided by the Marine Third Aircraft Wing Band.

The NWC main gate will be open to all off-Center visitors starting at 11:30 a.m. on Oct. 30. The formal program will begin with a welcome and opening remarks by RAdm. Rowland G. Freeman III, Commander, NWC, at 1 p.m.

Residents of the Center are asked to use the Lauritsen Gate for driving to NAF where the displays and air show will be held. No bus transportation will be furnished, but there will be adequate parking

Training class set for Help Line volunteers

A training course for local residents interested in joining the staff of volunteers of Help Line, the China Lake-Ridgecrest crisis intervention telephone service, will begin on Tuesday evening.

The class, which will meet each Tuesday for nine weeks, will be held from 7 to 9 p.m. in Rm. L-39B at Burroughs High School.

Those who attend will learn how to help people faced with a variety of problems and about the various kinds of assistance available in this area. Those who complete the course will be eligible to work with Help Line, serving one or two 4-hour shifts at the Help Line office each month.

Interested persons should pre-register at Cerro Coso Community College for Public Service 70, Help Line, or attend the first class. Further information may be obtained by calling Help Line, 446-5531, any day between 7 and 11 p.m.

Promotional opportunities...

(Continued from Page 2) Mechanical Engineer, GS-830-9 / 11 / 12, PD No. 7633072, Code 3351 - This position is located in the Product Engineering and Fleet Support Branch, Electromechanical Division, Fuze Department, Incumbent participates in the design, development and qualification of safety-arming devices, fuzes and fuze triggering production problems with contractors and analyses malfunctions reported by the Fleet or observed prior to or during production; prepares designs, conducts engineering analyses, and fabricates and evaluates experimental models. Job Relevant Criteria: Experience in the development of electromechanical devices; knowledge of testing procedures and of safety-arming devices; ability to present oral and written reports.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2371

Physicist, GS-1310-11, PD No. 7645034, Code 3241 - This position is located in the Explosives Branch, Propulsion Development Department. The incumbent will be responsible for conducting test programs for the support of a variety of weapon systems and applications; consults with other Center and branch personnel to develop safe and effective solutions to problems en countered in the test programs; and also insures that all data and descriptive information required for the completion of the programs is accurately recorded, properly filed and promptly reported. Incumbent will prepare detailed plans and estimates for test programs for use in both the proposal and implementation phases of the work. Job Relevant Criteria: Experience in the handling. development and testing of explosive materials and components; familiarity with the specialized strumentation techniques and equipment peculiar to this field (including high speed photography, flash X-ray, special mechanical test equipment); and a knowledge of the safety rules and requirements of this field of activity.

Bldg. 34, Rm. 210, Ph. 2393. Administrative Officer, GS-341-11, PD No. 7661067E, Code 6102 — This position is located in the department staff office of the Aircraft Department. The functions of this position are to provide staff services and advice to the Commanding Officer on budget and fiscal matters, liaison on public works and supply functions, to act as civilian personnel administrator for employees of the Air Facility, and to perform staff functions of forms and records management. Job Relevant Criteria: Knowledge of Navy budget formulation and administration; ability to communicate orally and in writing; knowledge of adninistrative procedures, of facilities planning and maintenance requirements and procedures, and of civilian personnel policies and administrative procedures.

Bldg. 34, Rm. 208, Ph. 2577. Supervisory Operations Research Analyst, GS-1515-14, PD No. 7612008-2E, Code 122 - This is a temporary

File applications for the above with Carol Downard,

position not to exceed one year. The position is program Planning Group. Incumbent plans, directs and administers on-going operations research analysis project work within his program area. Projects fall within broadl defined areas of warfare such as air-to-air, air-to-surface, surface-to-surface, etc. Job Relevant Criteria: Demonstrated operations analysis and warfare analysis ability mature judgment combined with an ability to redefine complex problems in terms of specific sub-studies; must be capable of leading a comprehensive program effort and of defining the various problems, allocating personnel, and integrating results into overall program planning.

Budget Clerk GS-501-3 / 4, PD No. 7608015-1, Code 083 — Incumbent will provide fiscal clerical support to the Budget Division or any of the departments it serves. In cumbent assists in preparing overhead and technical gets; monitors expenses on customer and job order numbers; prepares journal entries to correct misapplied costs; assists in processing travel orders, etc. Job Relevant Criteria: Ability to meet deadlines under pressure, to work rapidly and accurately, and to work with figures. Promotion Potential: GS-5.

Supervisory Operations Research Analyst, GS-1515-14, PD No. 7612008E, Code 121 — This is a temporary position not to exceed one year with the possibility of leading to a permanent assignment. The position is program director for Intelligence and current capabilities in the Weapons Planning Group. Incumbent plans, directs and administers on-going project work within program area This program area is responsible for managing the NWC STILO function; developing and maintaining the Center's ntelligence, Current Capabilities and R & D Planning Reference Center; conducting and supervising ad hoc studies relating to intelligence and threat analysis. Job Relevant Criteria: Demonstrated operations analysis and warfare analysis ability; mature judgment combined with an ability to redefine complex problems in terms of specific sub-studies. Must be capable of leading a complex program effort and of defining the various programs, allocating personnel, and integrating results into overall program planning.

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

Secretary (DMT), GS-318-4/5, PD No. 7555094N, Code 36301 - This position is located in the Sparrow Program Office, Product Design Division, Engineering Department. Incumbent provides secretarial assistance to the program manager by screening visitors and calls, making appointments, reading and distributing correspondence compiling and summarizing statistical and informative material, and editing and typing technical letters, papers and reports. Job Relevant Criteria: Knowledge of the Naval Correspondence Manual, security regulations, travel, supply and security procedures; dictating machine proficiency; ability to operate a magnetic tape typewriter, to use tact and diplomacy in dealing with people and to perate on own initiative without much supervision.

File applications for the above with Janet Thomas, Bldg.