Variety of events planned for American **Heritage Celebration**

"Heritage '76," "Festival U.S.A.," and "Horizons '76" are three names to remember, as are the dates of Oct. 22 and 23. The three names are separate parts which make up the American Heritage Celebration.

On Friday, Oct. 22, at 8:15 p.m. in the Burroughs lecture center, there will be a cultural program named "Heritage '76," which exemplifies the melting pot that America is through music, dance, and

On the following afternoon from 1 until 5 o'clock, all are invited to try the tasty cuisine of various nationalities and from various countries at "Festival U.S.A." Joshua Hall on the Desert Empire Fairgrounds will be the site for treats from France, Poland, Greece, Bavaria, Hungary, and the U.S.A. Admission is 50 cents at the gate, and that price is redeemable toward the purchase of food.

That evening at 8:15 in the Burroughs lecture center, there will be a gala Bicentennial program, "Horizons '76," to round out the festivities. An original script, written and directed by Elena Vitale, assisted by Elaine Mikkelsen, covers this nation's history through film slides, narration, skits, songs, and dance, from the Pilgrims' landing up to the year 2000.

Some of the songs that will be featured are "Birth of the Blues," "Battle Hymn of the Republic," "Sonny Boy" and "Brother, Can You Spare a Dime?"

Tickets for the "Heritage '76" and "Horizons '76" shows can be purchased individually or as a package. The prices for each individual performance are: adults \$2.50; students (through high school age) senior citizens, and military (in uniform) \$1.25. The package prices for both performances are \$4 and \$2, respectively.

The proceeds for all of the events will be added to the Maturango Museum building

Film-lecture program on Baja set at college Sat.

"Sea and Shore of Baja," the first filmlecture program of the 1976-77 community services series of Cerro Coso College, will be presented at 7:30 p.m. Saturday in the college lecture hall.

This full-color documentary film will be narrated by its creator, Dr. Ted Walker, well-known scientist and explorer, who is one of the world's foremost experts on the California gray whale. The film portrays the geography, economy, plant life, and culture of the Baja peninsula.

Tickets, which are priced at \$2 for the general public and \$1 for holders of Associated Student Body cards, can be Pharmacy at China Lake.



POPULAR PRESENTATION — Kindergarteners through third graders were given a real treat during Fire Prevention Week, which began last Sunday and will conclude tomorrow, as several agencies cooperated in presenting assemblies at local schools. In the photo, famous Smokey the Bear of the U. S. Forest Service, and Naval Weapons Center Fire Division personnel Skip Westfield and Dick Rivers (at right), occupy center stage at Groves School while two other participants, U.S. Forest Ranger Reid Hopkins and Bob DeBaun, Bureau of Land Management station foreman for the Chimney Peak Recreation Area, are out of camera range. Rivers, fire prevention chief inspector, is shown demonstrating the proper use of an alarm box in a skit emceed by firefighter Westfield. Local residents still have a chance to tour China Lake's Fire Station No. 1, located at the corner of Halsey Ave. and Lauritsen Rd., tomorrow between the hours of 9 a.m. and 8 p.m.

Black composers, musicians to be honored in program at Burroughs

Curtain time will be 8 o'clock tonight and tomorrow night at the Burroughs High School lecture center for "Sounds of Ebony," a Bicentennial tribute to black composers and musicians.

Admission to this program, which is being sponsored by the Indian Wells Valley Chapter of the National Association for the Advancement of Colored People, will be \$2.50 per person, and tickets will be on sale at the lecture center box office prior to each performance.

Written and directed by Every Jo Mc-Clendon, "Sounds of Ebony" will include songs and dances from the time of the plantation days of early America up until the present.

In addition to excerpts from "Porgy and Bess," sung by Every Jo McClendon and Alex Bellen, there will be a medley that will include "O Dem Golden Slippers" and "Carry Me Back to Ole Virginny" sung by Sandee Schwarzbach and Loren Dorrell.

Members of the Union Baptist Church choir will lift their voices in several southern Bible belt songs.

Musical accompaniment for the vocal soloists-a group that also will include Jan purchased at the college business office, Austerman, Patty Brown, Diane Edwards, Gift Mart in Ridgecrest, and the Station Ava McClendon, Pat Nolan and Virginia Wright-will be Susan Purcell and Beverly



SEAL TEAM TAKES A BREAK — On the small island of Guadelupe off the Baja coast, young elephant seals stay close to their mothers in a rocky nursery. After weaning, they'll be abandoned by their mothers and left to take care of themselves. This is just one of the scenes from the film-lecture program entitled "Sea and Shore of Baia" which will be presented by its creator, Dr. Ted Walker, at the Cerro Coso Community College lecture hall tomorrow night at 7:30.

Bell at the piano. Instrumentalists who will have a part in the program are banjo players Tim Breedlove and Ben Huff, and Tom East on the trumpet.

Ava McClendon is in charge of choreography for the program, which will run the gamut of selections by such well known black composers as James A. Bland and Henry T. Burleigh, opera selections of the type sung by Marian Anderson, Paul Robeson and Leontyne Price, and music made famous by such well-known black entertainers as Louis Armstrong, Duke Ellington, Pearl Bailey and Lena Horne.

Rehearsals which have been held at the old Kern County Building in Ridgecrest, as well as at local schools, have involved a group of some 60 persons including singers, dancers and backstage help.

Navy Wives Club reports success of recent fund-raiser

Officers of Desert Flowers Chapter No. 125 of the Navy Wives Club of America were pleased to be able to report this week that the recent Las Vegas party held at the Enlisted Club was a big success.

A total of \$475 was raised that will be used in part as the local contribution to the NWCA Scholarship Fund, for regular assistance to Sunshine House, activity center for the handicapped, and for other charitable purposes in the local area.

Appreciation was expressed by Mrs. Linda Fleeger, Navy Wives Club president, to all those who attended the Las Vegas Night party, as well as to Capt. Conrad B. Olson, Commanding Officer of the Naval Air Facility, and to Cdr. Richard M. Weber, who served as master of ceremonies and auctioneer, respectively.

Other recent activities of the Navy Wives Club have included the presentation of a club plaque to Edith Haley, who retired, for all the work she has done during the past seven years. Polly Walsh, director of the Child Care Center, joined the NWCA as an associate member.

Next meeting of Desert Flower Chapter No. 125 will be held on Thursday, Oct. 14, starting at 7:30 p.m. at the group's clubhouse, 415 McIntire St., China Lake.

Wives of all active duty or retired Navy, Marine or Coast Guard personnel are eligible for membership, and are invited to attend. Additional information can be obtained by calling Mrs. Fleeger at 446-4233, or Jan Quinn, at 446-4614.

The objective of the ratings is to inform 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 . Cinemascone STD - Standard Movie Screen

Program subject to change without notice please check marquee.

Regular starting time-7:30 p.m.

8 OCTOBER "CRESCENDO" (90 Min.)

Stefanie Powers, James Olson (Mystery Drama) A young woman, doing research, gets involved in a tangle of weird happenings in a remote French villa. (PG)

"NASHVILLE GIRL" (90 Min.) Monica Gayle, Glenn Corbett (Drama) A 16-year-old farm girl yearns to be a country-western star. After being raped by a neighbor, Monica leaves home and hitchhikes to Nashville where she experiences a series of illfated events, starting with employment in a massage parlor and leading to a juvenile detention camp. While at camp, she befriends wordly Shirley Jo Finney, who starts Monica off into the world of country and western singing which gets her into sexually-compromising situations as she

relies on agents to help her in her growing career.

"ALL THE PRESIDENT'S MEN" (138 Min.) Robert Redford, Dustin Hoffman

(Historical Drama) This story is of the events leading up to President Nixon's resignation, beginning with the arrest of five men on June 17, 1975, for breaking into Democratic National Headquarters in the Watergate Bldg., Washington, D.C. The film focuses on the tracing and uncovering of the connection between the Watergate break-in and the Committee to Reelect the President by the Washington Post

11 OCTOBER "CAPONE" (101 Min.)

Ben Gazzara, Susan Blakely

(Action Drama) An episodic re-enactment of the major incidents in gangster Al Capone's reign as head of the Chicago underworld in the '30s. (R)

"SKY RIDERS" (91 Min.) James Coburn, Susannah York

(Action Drama) The story is about the kidnapping of a wealthy American businessman's family by political terrorists. His wife and two children are held in an abandoned monastery. Most of the story concerns the two separate rescue attempts planned by a friend of the captive family and an avenging police inspector. (PG) 13 OCTOBER

Charlton Heston, George Kennedy

(Action Drama) Relates the effects of a major earthquake in Los Angeles on the lives of the principal characters: an engineer, his spoiled wife, his mistress, his father-in-law and a suspended policeman. (PG)

14 OCTOBER

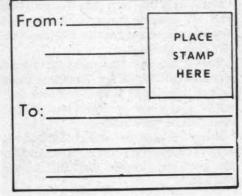
"STAY HUNGRY" (103 Min.) Jeff Bridges, Sally Fields

(Comedy Drama) Jeff Bridges is a wealthy young man who inherits his parents' mansion after their deaths. Instead of engaging in the family steel business, he embarks upon a real estate venture - the building of a high rise on the site of an Olympic spa. He abandons this aim when he becomes involved with an Austrian bodybuilder in training for the Mr. Universe contest and his receptionist/girlfriend (Sally Field). (R) 15 OCTOBER

"KING OF THE MARVIN GARDENS" (104 Min.) Jack Nicholson, Bruce Dern

(Drama) The game of Monopoly is the key to the plot of this drama which concerns a radio monologist who is taken in by his smooth-talking, high-living brother and his fantastic scheme to build a gambling casino on Waikiki Beach. (R)

U.S. Government Printing Office:





October 8, 1976

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Pay increase bill approved by Pres. Ford

A pay increase for an estimated 2.6 million Federal civilian employees and military personnel was approved on Wednesday of last week by President Gerald Ford.

Effective Oct. 1, military personnel will receive a 4.83 pay raise, while the pay boost for Civil Service employees will begin with the first full pay period in October (Oct. 10 through Oct. 23) and show up on paychecks that will be distributed on Oct. 29.

Those who handle the preparation of the military payroll at NWC weren't certain earlier this week, but doubted that the changes to be made can be accomplished prior to the next military pay day on Oct. 15. The pay increase for military personnel will, however, be retroactive to Oct. 1.

Under a provision of the Fiscal Year 77 Department of Defense Appropriations Act. the President is authorized to reallocate up to 25 per cent of military basic pay to the non-taxable basic allowances for quarters (BAQ) and subsistence (BAS). This year, the President elected to reallocate the full 25 per cent to BAQ. Military Pay Changes Outlined

As a result, basic pay for military personnel, will increase 3.62 per cent; BAQ will increase from 9.64 to 16.33 per cent (depending on grade), and BAS will increase to 4.83 per cent.

For the first time, a partial BAQ, equal to to the amount reallocated to the quarters for allowance from basic pay, will be paid to military personnel without dependents who are on sea or field duty, or reside in military bachelor quarters. The partial BAQ may be computed by substracting the amount of the 4.83 per cent BAQ increase from the total BAQ increase for a particular grade.

The reallocation procedure is an attempt to correct BAQ and BAS levels in order to bring them closer to the housing and food costs they are intended to offset. In the future, pay raise reallocations for military personnel will be based on assessment of the compensation structure, the value of (Continued on Page 3)



this McDonnell Douglas concept of a central receiver system to be a turbine on the ground to generate power. McDonnell Douglas developed and tested by the Energy Research and Development Astronautics is one of four companies selected by ERDA to Administration (ERDA). Mirrors reflect sunlight to top of tower prepare designs for a 10-megawatt power plant.

NWC lends assistance in tests of advanced technology in new field of solar energy

The Naval Weapons Center is assisting in and to test subsystem hardware for a 10promising new field of solar energy.

SUN FOLLOWER — Installing an assembled heliostat on its cone pedestal at

Randsburg Wash are McDonnell Douglas technicians and an NWC Public Works

Department crane operator and two riggers. In the background can be seen one of

the two 360-ft. north towers between which the target for the heliostat will be

A year ago the McDonnell Douglas Astronautics Co. at Huntington Beach, Calif., was selected by the Energy Research and Development Administration (ERDA) as one of four companies to prepare designs

-Photo by Tom Carter

tests of advanced technology in the megawatt solar thermal power plant to demonstrate the technical feasibility of the The contract covers the first phase of

what is known as a "central receiver solar thermal power system." A 10-megawatt plant is capable of serving the needs of a community of about 10,000 persons.

The system consists of a field of two-axis tracking mirrors that follow the sun and reflect sunlight to a receiver where it is steam is then passed through a conventional turbine located on the ground which then generates electric power for distribution through a utility network or to thermal storage.

Test Results Promising

One year ago, McDonnell Douglas constructed a 12-ft. model tracking mirror known as a heliostat - which was installed here at Randsburg Wash. Test results indicated that the device could be controlled very accurately, and could in fact hold its concentrated beam of sunlight on a target all day long.

The next step was production of full-scale 20-ft. heliostats and accompanying hardware which the firm, with the help of NWC personnel, is now installing at the same Randsburg Wash site. Three such devices have already been installed, and three more will be in place by the end of October. One mirror will be mobile, while the others are designed to be operated from permanent pedestals.

According to Code 0603's James Pryor, project engineer of the testing program, China Lake was chosen as the test site

because of its proximity to Long Beach and its accessibility to McDonnell Douglas, **ERDA** and University of Houston scientists who will be monitoring this, the firm's only multiple-mirror pilot arrangement in the

Each mirror will test a different type of coating material for its effectiveness. Their target will be a 40-ft. by 40-ft. flat steel collector plate which does not produce superheated steam. Collector testing will probably be conducted by McDonnell Douglas at another site, according to Pryor

Purpose of the array at China Lake, said Prvor, is to check the controls of the system, monitor any degredation of the mirrors over a one-year period, and measure the amount of heat produced on the collector.

A central receiver solar thermal power (Continued on Page 3)

Bicentennial salute to Armed Forces set Oct. 30

A flight demonstration by the Blue Angels will headline the program when NWC opens its gates to all visitors on Oct. 30 for a Bicentennial Salute to the Armed Forces.

Included also on the program will be demonstrations by an Army Special Forces team and the Navy Parachute Team West. The Third Marine Aircraft Wing Band from El Toro will provide music for the occasion.

Air Force, Navy and Marine aircraft and equipment will be on display at the Naval Air Facility.



FIRST CFC RETURNS — Aleta Wallace of Code 23 turns in the first of the Combined Federal Campaign pledge cards to Don Bridges. He and Bill Shaner, serving as co-treasurers of the 1977 campaign, remind all department representatives that payroll deduction pledge cards and cash collected during the week should be turned in on Fridays between 2:30 and 4:30 p.m. "If the early response is typical." said Bridges, "we should be able to reach our goal of \$120,000 by the end of the

Seminar on preparing for college slated Tuesday at Burroughs High

Business hours on holiday Mon.

Following are the hours of operation of business and recreation facilities at the

Hall Memorial Lanes and Snack Bar11 a.m. to 11 p.m.

Theaterregular hours

Fazio's Market9 a.m. to 9 p.m.

and Navy Exchange, Barber Shop, Beauty Shop, Child Care Center, China Lake

Propulsion Laboratories Cafeteria, Station Pharmacy, 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

News Stories

Photographs

Tuesday, 4:30 p.m.

3354, 3355, 2347

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

catering trucks of the NWC Employee Services Board operate that day.

The remaining facilities will be closed on Monday. They are the Commissary

Naval Weapons Center during the Columbus Day holiday on Monday:

will be held from 7:30 to 10 p.m. Tuesday in the Burroughs High School multi-use room.

This program is being sponsored by the Burroughs High School PTA in collaboration with the local high school's procedures for obtaining financial counseling staff and the counseling center at Cerro Coso Community College.

Subjects to be covered will range from how to select a college and college application procedures to financial assistance programs and concurrent enrollment

A checklist of questions that students should ask themselves prior to selecting a college will be provided at the meeting, and the matter of transfers between colleges

procedures will include information on formal basis.

The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake, California

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Dr. G. L. Hollingsworth

NWC Commander

Technical Director

C. E. Van Hagan

Technical Information Department

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James J. Stansel

Associate Editor

Terri Jacks

Editorial Assistant

Ron Allen

Staff Photographer

Facility

A seminar on how to prepare for college when to apply to a college for admission, - a program for the benefit of local area tests required for college entrance, and high school students and their parents - dates for applying for and taking such tests. Deadlines for obtaining housing and information on applying for scholarships also will be covered.

In addition, sources and application assistance to attend college will be presented in detail, as well as specific information on eligibility and where and how

Also on Tuesday night, parents and students will receive information on the concurrent enrollment program, which permits high school juniors and seniors to take college-level courses at Cerro Coso Community College.

The evening will include a question and answer session and an opportunity for in-The presentation about application dividual counseling on a personal and in-

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 652, 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 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.

project status for subject programs. Job Relevant financial and manpower data and their utility for resource evels. Previous applicants need not reapply.

File applications for the above with Tina Lowe, Bldg. 34,

Rm. 206, Ph. 2676. Mechanical Engineering Technician, GS-802-7, PD No. 7645063, Code 3276 — This position is located in the Airbreathing Propulsion Branch, Propulsion Systems Division, Propulsion Development Department. The incumbent assists in the development of mechanical components for the development of experimental and prototype propulsion demonstration flight and test quipment; prepares layouts, assembly and installation drawings of experimental hardware and associated equipment; and assists with experimental test and test setups. Job Relevant Criteria: Basic knowledge of engineering principles and guides in the field; ability to work with individuals and groups; ability to draft. Promotion Potential: GS-11.

Management Assistant, GS-344-5, PD No. 7553022, Code 2302 — This position is located in the administrative office, Technical Information Department. The incumbent serves as a key staff specialist and special assistant to the head of staff. The incumbent operates in the areas of budget, training, management analysis and operations, and liaison with other departments. Job Relevant Criteria: Experience in finance, personnel management and management analysis; ability to communicate well both orally and in writing; ability to understand and interpret fairly complex regulatory and reference material used; and the ability to type. Promotion Potential: GS-7. File applications for the above with Mary Morrison,

Bldg. 34, Rm. 210, Ph. 2393. Mail and File Clerk, GS-305-3 / 4, PD No. 7470001, Code 2602 - The incumbent reviews all mail directed to the Public Works Department and, depending on subject matter and/or details, routes mail to all levels of management within the department for action and/or algorithms; ability to program in Fortran, assembly and nformation; is responsible for the official files of the department (instructions, notices, directives and etc.); compiles information for charts and graphs; will provide some typing assistance as needed, but does not require a full qualified typist. Job Relevant Criteria: Must have experience in maintaining a filing system; know how to facility and equipment procedures, and prepares budgets operate adding machines, calculators, office copying quipment; and be able to type

File applications for the above with Ginger Hamaty,

Bldg. 34, Rm. 212, Ph. 2032. Supervisory Mechanical Engineer, GS-830-13, PD No. 7050030E, Code 3352 - The position is head, Fuze Development Branch I in the Electromechanical Division of the Fuze Department. Incumbent plans, directs and administers overall branch activity. Branch work involves he design, development, product engineering, evaluation and pilot production of safety arming devices, electromechanical fuze systems and fuze components. Job Relevant Criteria: Demonstrated ability to deal efagencies and at the Systems Command level; ability to supervise at the branch level; knowledge of commercial production methods required for manufacture of fuzing devices and explosive components; electromechanica fuze and associated ordnance component design and development experience; and knowledge of governmen contracting and procurement procedures. Promotion

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



COMMENDABLE RECORD - Floyd Maxwell (at left), general foreman of the Public Works Department's Metal Working Shop, is congratulated by his department head, Capt. W. F. Daniel, upon receiving a certificate denoting 25 years without a lost-time accident by employees under his supervision. Maxwell, who served as a ship repair metalsmith at the Puget Sound Navy Yard during World War II, came to China Lake in 1948 and has occupied his present position for the last three years.

Budget Analyst, GS-560-5 / 7, PD No. 7608075, Code 0803 No. 7655156, Code 3631 — This position is that of section - This position is located in the Plans and Programs head of the Electronic Circuits Technology Section in the Office of the Office of Finance and Management, The Guidance Branch, Product Design Division, Engineering ncumbent collects and assembles basic financial data for Department. Incumbent has the responsibility of main resource analysis. This includes assisting senior analysts taining Sparrow guidance system design baselines, n workload reviews, analyses and projections, and is determining design deficiencies, and facilitating the leavily concerned with manpower and dollar experience redesign to improve the producibility of the system. In and projection. The incumbent prepares a major program cumbent also provides technical and administrative information report which provides historical funding inormation as well as current objectives, approach and electronics technicians. Job Relevant Criteria: Current technical knowledge that can be applied to semi-active RF Criteria: Knowledge of financial and analytical topics; guidance system design and signal processing techniques. mowledge of fiscal management processes; knowledge of background in electronic circuit design; knowledge technical documentation requirements; ability to analysis; and the ability to work well with people at all supervise people and work across organizational lines.

October 8, 1976

Quality Inspection Specialist, GS-1960-11 / 12, PD No 7655157, Code 36403 — This position is located in the Quality Control Group, Engineering Prototype Division Engineering Department, Incumbent plans, directs, and in cases requiring specialized expertise, performs in spections and tests of electronic hardware to verify con formance to applicable specifications; and also is responsible for preparing and accomplishing complete electronic systems tests and documenting the results. Job Relevant Criteria: Knowledge of quality contro techniques and associated test and evaluation equipment; working knowledge of the theory of operation of transistor circuits and all passive electronic components; ability to provide technical supervision to subprofessional and crafts employees performing test, alignment and qualifications functions.

File applications for the above with Janet Thomas, Bldg 34, Rm. 204, Ph. 2925.

Electronics Engineer, GS-855-9/11/12, or Computer Specialist, GS-334-9 / 11 / 12, PD No. 7635095, Code 3523 -This position is located in the Avionics Branch, RF Development Division, Electronics Systems Department The incumbent is responsible for the design, developmen and evaluation of complex software programs for use in various airborne computers - not only performing these tasks but also directing and evaluating contractor efforts in accomplishment of them. The software programs will be utilized by ARM and RWR processors. The duties in volve software activities encompassing the entire system life from inception through Fleet support. The incumbent will be required to utilize computer programming languages such as Fortran and lower order languages such as assembly and machine in the development of the programs. Job Relevant Criteria: Knowledge o minicomputer design and architectures; ability to design large complex programs utilizing complex equations and machine language.

Administrative Assistant, GS-5, PD No. 7635100, Code 3507 - Located in the Standard Arm Program Office, incumbent provides support in the areas of financial management, contract administration, personnel and and status reports for Center management and sponsors Job Relevant Criteria: Must have knowledge of Center management, administrative and accounting procedures and ability to express self well both orally and in writing

(Continued on Page 4)



DIVINE SERVICES

Wednesday No	on Bible Study	1130					
Sunday School Classes are held in Chapel Annexes 1, 2							
(Dorms 5, 6, 8)	located opposite the Center	Restaurant.					
Communion Se	ervice first Sunday of the	Month.					
	ROMAN CATHOLIC						
	MASS						
Saturday		unday obligation					
Sunday		0700 0830 1130					
Sunday		0700 0630 1130					
BL	ESSED SACRAMENT CHA	PEL					
	MASS						
Daily except S	aturday	1135					
	CONFESSIONS						
Daily		1115 to 1130					
Saturday		1530 to 1645					
Sunday		0800 to 082					
		1,0 3450000					
REL	IGIOUS EDUCATION CLA	SSES					
Sunday /	Pre-school thru 6th grades	1015					
Wednesday	First thru sixth	1530					
	seventh & eighth	1900					
	(Junior High)						

JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL

UNITARIANS

CHAPEL ANNEX 95

Services - (Sept.-May)

Ninth thru 12th grades

Monthly Youth Rallies

"In Home" Discussion Grou

Above classes are held in Chapel Annexes across from Center Restaurant As announced Contact Chaplain's Office for specifics.

holes will be the winner.

Three teams in tie for first place in Premier League

Three teams are now tied for first place following Monday night's action in the Premier Bowling League at Hall Memorial

The Saddleback Sales, Hideaway and Raytheon Sidewinders all have 9 wins and 3 losses apiece, while the NAF Hawks and Pollock Construction keglers are in a tie for fourth place with identical records of 6 wins and 6 losses.

The Raytheon Sidewinder bowlers swept all three games from the King Max squad on Monday night, while the Saddleback Sales and Hideaway teams won two out of three from their opponents—the Credit Union and Fisher Plastering, respectively.

High team series (2839) was posted by the Raytheon Sidewinders and The Hideaway bowlers came through with high team game for the night - a total of 1005.

Just one bowler, Dick Bauers, was over the 600 series mark this week, and he rolled a 613 that included single game totals of 236

Others over the 200 mark for individuals games were Doug Fisher (254), Ron Williams (230), and Jim Wright, Ken Dalpiaz and Dick Reymore, all with 222.

87 entries submitted for Haugen Memorial **Tennis Tournament**

A total of 87 entries have been received for this holiday weekend's Gary Haugen Memorial Tennis Tournament, which is being sponsored jointly by the Naval Weapons Center and Cerro Coso Community College.

Matches will be played at both the NWC courts and the new tennis complex at the college from 7 a.m. to 5 p.m. daily, Saturday through Monday.

According to Steve Lyda, tournament director, entries have been received not only from the local area, but from Mammoth, Bakersfield, Quartz Hill and Lan-

Proceeds raised from entry fees will be contributed to the scholarship fund established in the memory of young Haugen, a noted local tennis enthusiast and 1975 Burroughs High School graduate who died of leukemia last July.

The scholarship will benefit deserving Cerro Coso College students in order to stimulate their continued interest in tennis.

Results announced of OTHTC's third annual run at fair

A total of 43 competitors participated in last Sunday's 3rd annual Desert Empire Fair 4-mile run which was held over a twolap paved road course near the fairgrounds in Ridgecrest and sponsored by the Overthe-Hill Track Club (OTHTC).

Kevin Baxter, representing the Rialto Road Runners (RRR), turned in the fastest time of the day at 20 min., 57 sec. He was also tops in his division for boys 14 through 18 years of age.

Clocked at 21:53, OTHTC's Byron Richardson finished second place over-all and first in his class for men 19 through 29. Third place went to Brice Hammerstein of the RRR with a time of 22:09, while OTHTC member Tom McMahon finished fourth (and first among men 30 through 39) at

Championship tourney set

Members of the China Lake Women's Golf Club will compete tomorrow, Sunday and Monday in a tournament to determine the 1977 club champion.

Tee-off time for this individual medal play event will be 9:30 a.m. Saturday. Those entered will play 18 holes of golf each day, and the player with the lowest total after 54

Nancy Webster, the 1976 champion, will be back to defend her title in order to retain the perpetual trophy that the winner

Employee in the spotlight

Of course, it's not unusual for a woman to center her home life around her family. This Barbara Jackson — division secretary of Code 621 - does, but she has another important interest: parades.

"You have to be some sort of a ham, I guess, to like to be in parades," says Barbara, who adds, "but that's not the only reason I enjoy this sort of recreation. Parades are also a lot of fun - a chance to meet nice people - and provide an opportunity to keep active with horses."

Barbara's favorite horse, named Flight-O-Fancy, is a 15-year-old mare that has become pretty familiar to local paradegoers. She's a pinto, and, according to her owner, "The first horse I ever had happened to be a pinto, and I liked the spots so well that I've stayed with them entirely." Not surprisingly, Barbara is an enthusiastic member of the Pinto Horse Association.

Viewers of the Desert Empire Fair parade last Saturday may have seen Barbara, dressed as an Indian princess, riding Flight-O-Fancy as marshall of Division 4. She was wearing an authentic Ute Indian costume from Colorado, and she did all the bead work herself for her gaylycaparisoned mount. The saddle was authentic "McClelland" - a rare old U. S.

Barbara bought her first horse in the summer of 1966, and, what with all the publicity surrounding the local fair, she decided she had nothing to lose by signing up for the parade. Since then, she has joined



Barbara Jackson

the California State Horseman's Association and ridden in approximately 100 parades, as far afield as Lompoc, Calif., and Fallon, Nev.

In the latter city several months ago she won third place in their "All-Indian Parade." and, last July 4, she carried away the "best adult equestrian sweepstakes" award at a tri-city parade in the Saugus-Newhall area. All in all, Barbara estimates she's collected 45 first place trophies and

College aptitude test set Oct.19 at Burroughs

VX-5 OFFICER RETIRES — Lt. Anthony J. Klissus (at right), former Air Test

and Evaluation Squadron Five ordnance officer, is congratulated by the VX-5

skipper, Capt. R. N. Livingston, during the former's recent retirement ceremony.

A 20-year Navy veteran and native of Onalaska, Wisc., Lt. Klissus was com-

missioned in 1968 through the Warrant Officer Program and arrived at China Lake

in June 1975. He and his wife, Joyce, have two children, Anthony, IV, 17, and

Christopher, 15. The family is now building a home in Ridgecrest. Lt. Klissus has

accepted a position with Systems Consultants Inc. —Photo by PH2 Dick Grant

A test designed to measure verbal and mathematical aptitudes, two important requirements for handling college studies, will be given at Burroughs High School on Tuesday, Oct. 19, starting at 8 a.m.

This test, called the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NM-SQT), is co-sponsored by the College Board and the National Merit Scholarship Corp. It is open to both junior and senior class

By establishing scores on the PSAT / NM-SQT, students may enter competition for scholarships administered by the National Merit Scholarship Corp. and also be placed on a reference list for colleges seeking applicants who possess the qualifications they desire in those to whom their scholarships are granted.

For those interested in taking the Scholastic Aptitude Test at some later time, this is an opportunity for them to become familiar with what this type of test is really

like, according to Michael McGrath, assistant principal for students services at Burroughs High. Along with a copy of the scores that are

received by those who take the PSAT/NM-SQT exam is sent a booklet containing valuable information about evaluating SAT scores, as well as tips on financing a college education

By later checking the College Board's National College Handbook, a copy of which is available in the Burroughs High Career Center, local students may compare their scores with those of others enrolled in the nearly 3,000 colleges and universities that are listed.

Students interested in taking the PSAT/ NMSQT exam should contact McGrath or Mrs. Judy Mendonca in the Burroughs High counseling office before next Friday, Oct. 15, so that their names may be placed on the testing list. There will be a charge of \$2.75 per student to cover the cost of materials.



for her efforts.

numerous second and third place ribbons

Her most recent coup, though, concerns an event which has yet to take place: the world-famous Rose Parade in Pasadena on New Year's Day. "It was quite an honor for me to receive an invitation to this," says Barbara, who doesn't yet know her position or division in the parade. These details will be announced in a later issue of The ROCKETEER.

What got her interested in horses? She can remember always liking cowboy stars Roy Rogers and Gene Autry as a little girl, and, more recently, she visited the former's museum in Apple Valley, where his wellloved horse, Trigger, and dog, Bullet, are stuffed and on display. She remembers, too, that as a child, when asked by her mother what gift she would like for some special occasion, that question would always be phrased, "What do you want - besides a horse."

Something of a horse psychologist, Barbara is careful to steer clear of barking dogs during parades because these little devils can spook Flight-O-Fancy, who "like other horses, is changeable. She has her well-behaved and not-so-good times. She's normally pretty calm, though, and affectionate, too.

Has Many Parade Commitments

No wonder she knows her horse so well they spend a lot of time together. Barbara figures her parade committments mean that from May through October of each year she has an event just about every weekend. In preparation for each engagement, she gives Flight-O-Fancy a trim and bath. The latter operation is carried out with a hose to which a special comb is attached.

Barbara, who is from Lawton, Mich., was given her first opportunity to fulfill that life's dream of owning a horse when her husband, a career Navyman, was stationed for two years at China Lake beginning in 1960. The family was transferred back East, but after Monte's retirement in 1963 they decided to move back to China Lake - and horse country - permanently. The couple's son, Danny, was born here in 1969.

In 1960 Barbara had gone to work for the Computer Services Corporation in Inyokern, but, with better benefits and job security in mind, she opted for the Civil Service. The following year she was hired as a secretary in the Analysis Branch of the Propulsion Development Department. When the family returned from the east in 1963, she soon assumed her present duties for the Quality Assurance Division of the Range Operations Department. She is responsible for handling the phones, visitors and appointments for the division head and the associate and assistant division heads, plus all the typing that goes along with these

Renowned cellist to perform at college lecture hall Oct. 15 Wolfgang Herzer, a renowned cellist from

Vienna, Austria, will perform at the Cerro Coso Community College lecture hall next Friday night, Oct. 15, at 7:30.

Tickets for the program, which will include sonatas by Beethoven, Shostakovich and Sammartini, are priced at \$2 for the general public and \$1 for student body card holders. They can be purchased at the college business office, the Gift Mart in Ridgecrest, and the Station Pharmacy at China Lake. Tickets will also be on sale at the door on the evening of the performance.

Herzer, a member of a family of musicians, was recognized as an "extraordinary talent" by the master, Pablo Casals, and won fame as first solo cellist with the Vienna Philharmonic Orchestra.

Accompanying Herzer on the piano will be Sylvia Jenkins, an artist who has performed widely in Europe and the U.S. She was graduated summa cum laude from the San Francisco Conservatory of Music and also studied at the Music Academy of the West (California) and the Accademia Chigiana in Siena, Italy.

7-1 record gives Homestead team flag football title

The flag football season at China Lake came to a close on Wednesday, Sept. 29, with the Homestead team taking top honors with a record of seven victories and one

In the first game played that evening, the Homestead gridders clinched at least a tie for the title when they defeated the Dispensary by a score of 14-8.

Homestead drew first blood by scoring on a 2-yard run by Tony Cozzocoli, but the PAT attempt failed. The Dispensary footballers came back, however, when Greg Pecheos intercepted a Cozzocoli swing pass and ran 10 yards for a touchdown. The PAT was

With the Dispensary leading, 8-6, and just 11/2 min. left on the clock, Homestead's Cozzocoli found Rich Lassell alone for a 20yard touchdown pass. The PAT was good, and represented the final score of the game.

The second game of the evening was a long-awaited rematch between the Naval Air Facility Hawks and the Air Test and **Evaluation Squadron Five Vampires. Their** previous game was won by VX-5, but the victory was stricken from the record books when it was determined that the Vampires had an ineligible player on their team at the

NAF Scores First

NAF got on the scoreboard first on a run by quarterback Bob Jackson, and the ensuing PAT was successful. But then VX-5 unleashed its offense led by Greg Robbins.

Robbins soon scored on a 25-yard run, but the PAT failed, and the first quarter ended with the Hawks on top, 8-6. However, the VX-5 scoring machine went right back to work when Robbins rambled for paydirt from 15 yards out. Dale Chavez then scored

In short order, VX-5 struck again, as Kelvin McSwain ran for a touchdown and the PAT was good. The tenacious Hawks fought back, however, as Gordon Gillie scored on a five-yard run around end. Jackson followed by scoring the PAT on a

VX-5 then closed out the scoring as "Mr. Offense." otherwise known as Robbins, scampered into the end zone on a 35-yard run. The PAT failed, but the score was 28-16 in favor of VX-5, in one of the hardest fought games of the year.

Trailing the champion Homestead team in the final league standings were, in order of finish, NAF Hawks, 6-2; VX-5, 4-4; Dispensary, 3-5 and the NAF Cruisers, 0-8.

According to Doug Nelson, NWC Athletic Director, "I was very pleased with the league this year. There were some questions, some ups and some downs, but as a whole I think that the teams should be congratulated for a fine season."

Admiral's Cup golf competition to begin tomorrow morning

Admiral's Cup competition in golf will get under way at 8 a.m. Saturday at the China Lake golf course.

Three teams composed of six players each will represent the Naval Air Facility, Air Test and Evaluation Squadron Five (VX-5), and the Naval Weapons Center.

This will be an 18-hole event and the total strokes for each team (no handicap) will be counted in determining the winner and second and third place runners-up. The golfers who will compete are:

From NAF - Capt. C. B. Olson, Cdr. J. F. Faron, LCdr. J. W. Maroon, AME1 Robert Beck, AE1 Paul A. Brown and AMS1 Danny G. Carlson.

From VX-5 - Lt. Mal Branch, Lt. Bud Denton, AE1 Gerald Hart, AE3 Dalton Mann and AE3 Craig Hiller. At press time, VX-5 was still looking for a sixth member for its team.

From NWC — Lt. Col. Richard S. Boyd, USA, Capt. R. D. Franke, Capt. F. E. Mc-Donald, LCdr. E. W. Brooks, Ltjg. William A. Wright and RM3 James Erdman.



ROCKETEER

LEADING GROUND GAINER - Ken Charlon (No. 35), gained 188 yds. in the 30 times that he carried the ball in the Burros varsity football team's 21-18 win over Palmdale High here last Friday night. Charlon, who scored what proved to be the game-winning touchdown in the third quarter, is shown above as he started to cut inside Jeff Williams (No. 20) of the Falcons. In the background is Rick Jaramillo (No. 12), quarterback, who scored the other two Burroughs High touchdowns.

Burroughs varsity gridders post win over Palmdale in '76 league opener

Burroughs High School's varsity football team got off on the right foot in 1976 Golden League season play by posting a 21-18 win over the Palmdale Falcons last Friday in a game played on the Burros' home field.

The margin of difference in the final score was the result of three successful pointsafter-touchdown that were booted by Jay Kovar, tackle and field goal kicking specialist for Burroughs High.

Next league tilt coming up for the Burros will be a clash tonight in Victorville against the Victor Valley High School Jackrabbits. Kick-off time will be 7:45 for the varsity contest, which will be preceded by a sophomore game starting at 5.

The Victorville team, which lost its first league tilt of the current season last Friday by a score of 21-6 to Antelope (the league's top-rated eleven) will be out to avenge a 55-6 stomping by the Burros last year and hopefully stay in the running for a crack at the CIF playoffs.

Wind a Factor in Game

A blustery wind hampered the Burroughs vs. Palmdale game, since the team with the wind at its back had the advantage both passing and punting.

The Burros took advantage of a 15-yd. penalty assessed against Palmdale and a fumble recovery by Roger Clapp, defensive back, on the Falcons' 23-yd. line to chalk up the game's first touchdown. A 2-yd. smash into the line was followed by a 21-yd. scamper by Rick Jaramillo, quarterback, who elected to keep the ball on an option Kovar gave the locals a 7-0 lead halfway to a close. Key play in this drive, which through the first quarter of play.

the visitors good field position on their own gain and a first down on the Palmdale 21 yd. 45 yd. line. From that point, the Falcons line. Three plays later it was Charlon, the moved the ball to the Burros 34 yd. stripe game's leading ground gainer with 188 yds. before a fumble recovery by Ken Hays for in 30 carries, who broke loose for a 16 yd.

Two plays later, however, after a 15 yd. Burros' lead to 21-13. penalty moved the ball back to the Heading into the wind during the final Burroughs 20, a pass interception by Tim period of play, the local varsity eleven had Gudim of Palmdale left the Falcons in to turn over the ball to Palmdale when a possession on the home team's 28 vd. line. short kick carried only as far as the Green Gerald Howard, speedy halfback for the and White 39. Alternating running and

Little League meeting set

scheduled a public meeting on Tuesday, Jeff Anderson, an end, on a play that starting at 7:30 p.m., at the Groves School

Primary purpose of the meeting, according to Ed Park, league president, is to elect a new board of directors for 1977. All parents of Little League baseball players and other supporters of this program are urged to attend.

period, Gudim, Falcons' quarterback, passed to Jeff Moore, the Palmdale fullback, for a touchdown. An attempted pass for the PAT was intercepted and the score remained - Burroughs 7, Palmdale 6.

In the final two minutes of play before the halftime intermission, both teams scored again. The Burros put together a timeconsuming drive that carried them from their own 10-yd. line to paydirt.

Ken Charlon, stellar fullback for the Green and White, got things moving with a 20 yd. gallop out to the 30 yd. line and, two plays later picked up another 19 yds. and a first down on the Palmdale 46.

This second run was offset, however, by a 15 yd. penalty, but the Burros (with Charlon and Ken Bergh alternating as ball carriers) kept pounding away down to the Palmdale 30. At this point, the Falcons drew a 15-yd. penalty and three plays later Jaramillo passed to Mike Mullins, wide receiver, who was dropped on the Palmdale 4-yd. line. Charlon gained 3 hard-to-get yards and Jaramillo then dove over the line to score. Again the PAT by Kovar was good to make the score 14-6 in favor of Burroughs.

With less than 2 min. left to play in the half, Howard electrified the crowd by returning Kovar's kickoff 95 yds. down the east sideline to put the Falcons right back in the ball game - even though they again failed on a 2-point play after the touchdown.

Game-Deciding TD Tallied

The game-deciding score was tallied play and ran it in for the TD. The PAT by Burroughs as the third quarter was coming started on the Burros' 23, was a long pass by A kickoff into the wind by the Burros gave Jaramillo to Mullins that resulted in a 51-vd. the Green and White stopped that threat. scoring run. The PAT by Kovar boosted the

visitors, ran for a first down on the 16 and, passing plays the Falcons picked up two first downs that moved the ball to the Burros 15, and then scored moments later The China Lake Little League has when Quarterback Gudim connected with covered the final 11 yards into the end zone.

This time, the Falcons tried, but failed, to "un the ball over on a 2-point play after the touchdown and the Burros' lead of 21-18 held up for the remainder of the game.

The Falcons threatened one more time, getting as far as the Green and White 32 vd. line before losing the ball on a fumble.



Wilt's Corner

NWC team to vie in 11th ND flag football playoffs

A 16-man team representing the Naval Weapons Center has been selected to compete in next week's northern area playoffs for the 11th Naval District flag football crown at the Naval Support Activity, Long Beach.

The team, which will be coached by Lt. Ron Hill, was selected from the squads representing the Naval Air Facility (Hawks), Dispensary and Air Test and Evaluation Squadron Five in the recentlyconcluded NWC flag football league.

The players are: Lts. Ian Refo, Bob White and Bob Jackson, YNZ Ken Rodgers, PN2 Sam Thompson, AMSZ Ed Timmons, AQ3 Ron Penny, RM3 Jim Erdman, DT3 Greg Pecheos, AZ3 Gordon Gillie, STNSN Mike Fitzgerald, HN Rich Schlehuber, RNSN Greg Robbins and AEANs Mike Tompkins and Charles Barrows.

The top two teams from this competition, which will be held from Tuesday through Friday, will go on to meet the southern area winners in the 11th Naval District flag football championships the following week

Winter Sotfball

Two weeks into China Lake's winter softball season, the Naval Air Facility Hawks and the Mama Bears lead the rest of

Games are played on Monday through Thursday evenings at Reardon and Schoeffel fields at 6 and 8 o'clock. The season is scheduled to run through the first week of November.

Five C.L. Bowmen do well in tourney held at Las Vegas

Five members of the China Lake Bowmen represented Cerro Coso Community College at the 11th annual Silver Dollar Invitational Archery Tournament in Las Vegas recently and returned home with five awards.

Competing among a field of 150 archers from throughout the West in the two-day event were Robert Stedman, instructor of archery at the college, his wife, Sheila, and three students, Jimmy and Pamela Bradley and Sybald Loth. They shot at targets at distances from 7 to 85 yards

Mrs. Bradley placed first in the women's amateur class, while her husband finished second in the men's amateur competition. Loth earned first place honors in the latter

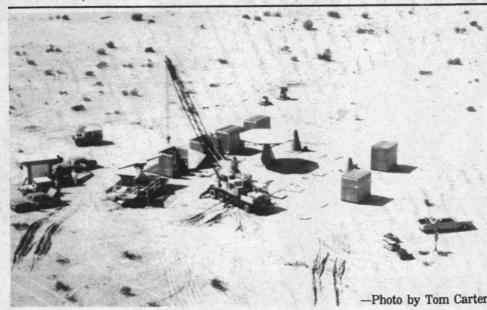
Stedman won the top spot in the "clout shoot," in which contestants fired at a hippopotamus-shaped, three dimensional target. His wife won third place in the women's open class.

Golf tourney still open

Entries are still being accepted for the China Lake Invitational Golf Tournament that will be played here on Oct. 16 and 17. The final deadline is the close of operations tomorrow at the local golf

There is an entry fee of \$32.50 per golfer, and more than 45 per cent of those who compete in this event will receive prizes. Mike Sanitate, the tournament director, stated.

Each entrant's handicap in this event will be 80 per cent of his lowest handicap for



BIRD'S-EYE VIEW — This aerial photo of the heliostat test site at Randsburg Wash shows six wooden boxes, each of which contains four "petals" for reflectors. Each heliostat requires 8 petals for its flower-like face. The photo also shows four cone pedestals in place, upon which one heliostat is also positioned. In addition, one of the devices is shown being assembled on a trailer.

Solar energy power system tested . . .

(Continued from Page 1) system is considered to be one of the most economical approaches to the production of electricity by means of solar thermal conversion. As proposed by McDonnell Douglas, the 10-megawatt plant would contain a field of 2,300 mirrors in an 1,800 by 2,000 ft. area and a 312-ft. high tower.

October 8, 1976

The proposed plant is expected to be in operation by 1980 at a high sunshine area site, probably in the southwestern U.S., to be selected by ERDA later this year. The company has now reached the mid-way point on its \$5.2 million ERDA contract to prepare designs and test subsystem hardware for it.

Several Sub-contractors Involved

Subcontractors to McDonnell Douglas include the Rocketdyne Division of Rockwell International, Canoga Park, for receiver subsystem design and test program for the thermal storage subsystem; Stearns-Roger Inc., Denver, balance of plant design including electric power generation system; Sheldahl Inc., Northfield, Minn., collector mirrors; and University of Houston, assistance with collector field optimization. The West Associates consortium of utilities is providing assistance during Phase I to assure compatibility with utility requirements.

Rocketdyne recently completed a successful test of a 65-ft., full length section of the central receiver, generating steam at 1,000 degrees Fahrenheit and 2,000 lb. per sq. in. pressure.

The thermal storage system, utilizing a sump of oil and rocks, will be tested by Rocketdyne at its Santa Susana, Calif., facility in the near future.

Both Sheldahl and Stearns-Roger have reported successful progress in their design and testing responsibilities.

Also, under an ERDA contract, Donnell Douglas Astronautics Co. is conducting studies to define solar total energy

Mrs. McLean sends thanks for NWC sympathy message

A note was received last week from Mrs. LaV McLean, widow of the former NWC Technical Director, expressing appreciation for the official Navy message that was sent to her by Rear Admiral R. G. Freeman III, NWC Commander, via the Commander, Naval Undersea Center in San Diego, in which condolences were extended to Mrs. McLean and her family following the recent death of her husband.

Mrs. McLean wrote: "Many thanks for your kind message. It was a great comfort to us. Would you please convey our thanks to the military personnel and civilian employees of NWC for thinking of us at this time. We were especially pleased with the fine tribute you paid to Bill in the Sept. 3 issue of The ROCKETEER".

systems that are technically and economically feasible and can satisfy selected industry demands. Primary emphasis is on systems where industrial

Over 500 industries including canneries, potash, paint, sodium sulfate, asphalt paving materials, prestressed concrete, and concrete block have been surveyed in

process heat, electrical demands, and space heating and cooling requirements are met at maximum possible efficiency.

Affirmative Action Plan for Equal Employment Opportunity announced

released recently by Rear Admiral Rowland G. Freeman III, NWC Com-

This plan details the steps the Center will take in this area for the next fiscal year, under the guidance of Rear Admiral Freeman as EEO Officer and Grant Williams, Deputy EEO Officer.

Designed to meet new requirements established by the Civil Service Commission, the plan establishes realistic hiring goals for both minorities and women. Many other action items covered in the new Affirmative Action Plan were also included in last year's plan. Among these are the requirement for each supervisor to receive EEO training, plans for furthering the Upward Mobility Program, and an affirmation of equal opportunities in all employment situations for minorities and

"I fully support the actions and milestones laid out in the plan and I consider all goals and objectives reasonable and obtainable," RAdm. Freeman said. The Center Commander also announced that the Center's EEO Office is now completely staffed. The four full-time employees of the office include an EEO Coordinator, a Federal Women's Program Coordinator, a Spanish-Speaking Program Coordinator, and a secretary.

Recently hired as new Federal Women's Altieri, who is presently Deputy EEO Officer at the Indian Head Naval Ordnance Station in Maryland. She will begin work

dream and become a reality," he added.

ADJ3 Alfred Ortiz honored as NAF's Sailor of Month for Oct.

Jet Engine Mechanic Third Class Alfred company and at a gas station. "I chose the P. Ortiz, a native of Napa, Calif., has been Navy," he says, "because I wanted to go out named the Naval Air Facility's Sailor of the and see the world and get in some flying. Month for October.

As a member of the NAF Line Division, ADJ3 Ortiz serves as a plane captain and crew chief aircrewman on the UH-1N Huey helicopter, and has completed five missions as a search and rescue team aircrewman. In addition, he serves as a plane captain for the T-39 Sabreliner and OV-10 Bronco

"I like my job because I like to fly," says October's Sailor of the Month. "When there's something important that needs to be done I really enjoy doing it."

According to his division chief petty officer, Chief Aviation Machinist's Mate F. D. Bolton, ADJ3 Ortiz "is one of those rare individuals with the talent to perform many varied tasks extremely well and still seek out new assignments to increase his knowledge and improve his skills."

In addition, continued ADRC Bolton, "His alertness and safety-consciousness is exemplified by a recent incident in which another lineman, working in a pressure situation, was about to drive a power unit away from an aircraft with the power cord still connected to the aircraft. Ortiz' quick thinking and action in getting the driver stopped in time prevented possible serious damage to the aircraft."

ADJ3 Ortiz enlisted in October 1973, after finishing high school in his home town and working for awhile for a construction

Equal Employment Opportunity was Program Coordinator was Christina K. here on Oct. 18.

The new full-time Spanish-speaking Program Coordinator, Joe Lopez, has been serving part-time in that capacity and will transfer to the EEO staff from the Weapons Department on Oct. 23.

As EEO Coordinator, Williams has asked all supervisors to help in implementation of the new Affirmative Action Plan. "I suggest that you, too, share a responsibility with me for making equal opportunity a reality for all of us," he said, reminding supervisors that the plan is a management vehicle designed to assure the achievement of equal

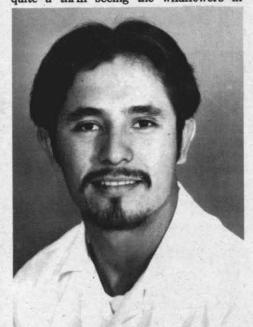
The Center has also adopted a vigorous community involvement program designed to recruit and hire young people. The program will be centered around working with teachers and counselors, but will also involve community organizations concerned with equality and human relations.

"Under RAdm. Freeman's guidance, the Center has accomplished many EEO goals," Williams said, "but next year's plan is the most bold and innovative.

"That's how EEO will cease to be a

He came to China Lake in April 1974 for his first duty assignment after completing boot camp in San Diego and "A" school in Memphis, Tenn.

The 21-year-old sailor, who is single and lives in the bachelor enlisted quarters, tentatively plans to go to college to study botany when his enlistment is up, saying, "I'm an outdoorsy kind of person, and I get quite a thrill seeing the wildflowers in



ADJ3 Alfred P. Ortiz

bloom on the valley floor from the air. In season, there are great, gorgeous patches of color to please the eye." In his spare time. he enjoys riding motorcycles and going camping and fishing.

For his selection as NAF Sailor of the Month, ADJ3 Ortiz will receive a letter of congratulations; two photographs of himself, one of which will be posted near the NAF administration office; a 96-hr. liberty pass; and dinner for two at the Indian Wells

Pay increase . . .

(Continued from Page 1)

government quarters and messes, and the cost of housing and food in the private

In the case of Civil Service employees, the 4.83 per cent increase is the weighted average of increases in the 18 white collar pay grades. The Civil Service Commission explains, however, that payroll costs will rise 5.16 per cent. The payroll increase figure is higher because larger increases are provided at the higher grades and this causes proportionately higher payroll costs.

Thus raises for employees in the lower grades will range from 4.24 per cent for GS-5s to 4.93 per cent for GS-11s. Those in GS-12 positions will get a 5.45 per cent boost, GS-13, 6.12 per cent; and GS-14, 6.94 per cent, while some but not all of those in GS-15 will get a 7.92 per cent pay increase.

The adjustment in Federal white collar pay is required by law to maintain comparable salaries between Federal employees and those working in the private

	Pay in	crease	for	white	coll	ar Civ	il Se	rvice	emp	lovee	S	Per
Chan												Cent
Step	1	2	3	4	5	6	7	8	9	10	Grade	Increase
GS-1	\$5,810	\$6,004	\$6,198	\$6,392	\$6,586	\$6,780	\$6,974	\$7,168	\$7,362	\$7,556	GS-1	4.51
2	6,572	6,791	7,010	7,229	7,448	7,667	7,886	8,105	8,324	8,543	GS-2	4.39
3		7,655	7,902	8,149	8,396	8,643	8,890	9,137	9,384	9,631	GS-3	4.30
4		8,593	8,870	9,147	9,424	9,701	9,978	10,255	10,532	10,809	GS-4	4.25
5	9,303	9,613	9,923	10,233	10,543	10,853	11,163	11,473	11,783	12,093	GS-5	4.24
6	10,370	10,716	11,062	11,408	11,754	12,100	12,446	12,792	13,138	13,484	GS-6	4.27
7		11,907	12,291	12,675	13,059	13,443	13,827	14,211	14,595	14,979	GS-7	4.33
8	12,763	13,188	13,613	14,038	14,463	14,888	15,313	15,738	16, 163	16,588	GS-8	4.42
9	14,097	14,567	15,037	15,507	15,977	16,447	16,917	17,387	17,857	18,327	GS-9	4.55
10	15,524	16,041	16,558	17,075	17,592	18,109	18,626	19,143	19,660	A CHARLES CONTRACTOR	GS-10.	4.77
11	17,056	17,625	18,194	18,763	19,332	19,901	20,470	21,039	21,608	22,177	GS-11.	4.93
12	20,442	21,123	21,804	22,485	23,166	23,847	24,528	25,209	25,890	26,571	GS-12.	5.45
13	24,308	25,118	25,928	26,738	27,548	28,358	29,168	29,978	30,788	31,598	GS-13.	6.12
14		29,683	30,641	31,599	32,557	33,515	34,473	35,431	36,389	37,347	GS-14.	6.94
15		34,915	36,041	37,167	38,293	39,419 *	40,545 + .	41,671 * .	42,797 *	43,923 * .	GS-15	7.92
16	39,629 *	40,950 *	42,271 + .	43,592 *	44,913+	46,234 *	47,555*	48,876*	50,197*			
17	And the second second second second second	47,970 *	49,517 * .	51,064 *	52,611*							
18	54,410 *					PERSON NAMED IN					1 20 10 10	

* Actual pay would be \$39,000, equalling the proposed new rate for Level V of the Executive Pay Schedule.

Auction of surplus government property to be held Oct. 21

Plans have been made for the next auction sale of surplus government property that will be held on Thursday, Oct. 21, starting at 9 a.m. at the Community Center.

Among the more than 200 items to be offered for sale are dining booths and tables, carpeting, chairs, banquet tables, dinnerware and eating utensils, wine dispensers, refrigerators and electronic test equipment

Persons interested in examining these items will be able to do so on weekdays from 8 a.m. to 3 p.m. starting on Wednesday, Oct. 13, either at Warehouse 41 (on 10th St., just off the Naval Air Facility access road) or at the Station Restaurant.

On the day of the auction, registration of prospective bidders will be handled between 8 and 9 a.m. at the Community Center. Successful bidders will have until Oct. 29 to pay for and remove any items purchased.

Additional information about the auction and the manner in which it will be conducted can be obtained by calling Bill Giuliani at NWC ext. 2502 or 2538.

Centerites invited to view presentation on United Way agencies

Another opportunity for Naval Weapons Center employees and residents to obtain first-hand information about the programs and activities of the member agencies of the United Way of Indian Wells Valley will be provided next Thursday, Oct. 14.

On that day, between the hours of 9 and 11:30 a.m. and from 1 to 3 p.m., a specially prepared multi-media presentation about the United Way of IWV will be shown repeatedly in the Sidewinder Rm. of the Community Center.

NWC employees and residents are encouraged to stop by the Community Center and view this 10-minute-long sound and film slide presentation.

Drive with extra care during work on streets

An extensive program of street and parking lot repair and resurfacing is currently under way on the Naval Weapons Center.

The new surfaces must "cure" for approximately 30 days. During this waiting period, many of the streets will have no centerline markings and parking places also will be unmarked.

These markings and stripings will be restored as soon as surface conditions permit. In the meantime, all motorists are reminded to drive with special care in order to avoid accidents.

Opportunities . . .

(Continued from Page 2) File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118. JOB OPPORTUNITIES

Package Store Manager, UA-1101-05, PD No. 74CPS100, \$4.29ph, Code 08924 - This is not a Civil Service lob. The ncumbent is the manager of the Consolidated Package Store. The incumbent is responsible for ordering, maintaining stock, inventories, etc.; selling merchandise preparing bank deposits and accounts; and is generally responsible for the full operation of the store. Job Relevant Criteria: Must be courteous in dealing with customers; have experience in retail store operations; some bookkeeping desirable and must be 21 years of age.

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

Area Clerk, GS-312-4, PD No. CA-010-6802 - This is not an NWC position, It is with the Bureau of Land Management, Ridgecrest Resource Area, Ridgecrest, Calif. The incumbent takes and transcribes dictation; types official letters; maintains files; receives visitors, answers telephones and monitors radio; maintains mail, travel, payroll and procurement functions; is responsible for all administrative duties of the 12-person Ridgecrest staff; and performs various other clerical dufies as assigned. Job Relevant Criteria: Reliability and depenility; ability to get along with others in work group, to type efficiently and take dictation; capability of being bonded; possession of supervisory willingness and ability if the need arises; and willingness to work with people and to work under pressure. Note: This position has promotion potential and may be upgraded when the need is shown

File SF-171 applications by Oct. 15, 1976, for the above with Dick Harlow, Ridgecrest Area Manager, P. O. Box



of the Ridgecrest and Inyokern Chambers of Commerce, the encompassed by the work here.

SWEEPSTAKES AWARD WINNER in the 1976 Desert Empire Maturango Museum and many volunteers who pooled their ideas Fair parade was this float that was assembled initially as the and efforts to depict the heritage of the local areà from the days of Indian Wells Valley's entry in the Kern County Bicentennial the Indians and early settlers who traveled by stagecoach to the parade held Sept. 25 in Bakersfield. It represents the joint efforts present day era of NWC and the advanced scientific technology

Year-long assignment in CNO's Systems Analysis Division now open to NWC scientist or engineer

A one year assignment to the Systems Analysis Division (OP-96) in the office of Chief of Naval Operation would be an exparticularly the Aegis program which is the Systems Analysis Division of CNO, and cellent career development experience for any analytically oriented scientist or engineer. Such an opportunity is available for a qualified NWC scientist beginning in mid January 1977.

Four operations research analysts in the Weapons Planning Group have already served such one year tours in the Sea Control Branch of OP-96. They are Gino LaMarca, John Freeman, Dietrich Trenner, and Doug Kinney. Kinney will be returning to NWC in January after 15 months in OP-96.

Involved in Varied Programs The OPNAV Systems Analysis Division conducts a wide variety of program monitoring and staff analyses in support of

the CNO program planning process. These include support for the CNO Planning Guidance, CNO Program Analysis Memoranda, issue papers responding to Secretary of Defense questions, and CNO Executive Board reviews.

The NWC selectee will become a member of the Sea Control Studies Branch in OP-96 for his one year assignment. He will be a participant in the planning and programming process from a view very different than the laboratory research and development environment. He will have opportunities to bring laboratory technical experts together with OPNAV analysts as

he sees key issues evolve. Resumes Due by Oct. 22

The Naval Weapons Center's assignments to the CNO Systems Analysis Division is now being formalized as a continuing career development opportunity. Applicants for the tour beginning in January 1977 should submit a resume (two page maximum) to the Personnel Department, attention Ken Marcus by Friday, Oct. 22. A selection committee composed of Dr. G. L. Hollingsworth, Robert Hillyer and Carl Schaniel will screen applicants and forward the top three to OP-96 for interview and

Selection criteria will include: (1) GS-13 or senior GS-12 scientists and engineers. (2) Demonstrated ability for combining objectivity and analytic skills with technical expertise. (3) Desire to expand career

Further information may be obtained from any of the prior participants or from Jack Latimer and Carl Schaniel of the Weapons Planning Group.

Reflecting back on his year-long tour with the CNO's Systems Analysis Division, Freeman stated that this assignment "really exposes one to the Navy's decisionmaking processes."

Also extremely beneficial, according to Freeman, were the professional contacts that he made in the Pentagon and with officials of the Naval Air Systems Com-

Navy's new surface-to-air shipboard looks back upon his own assignment there

For his part, LaMarca noted that his year personal point of view. with OP-96 gave him a lot of insight into the kinds of things that influence decisions in the Pentagon. From an analyst's point of how the different pieces fit together, but felt view, however, one of the most important the work in Washington was valuable as a aspects of this assignment was the chance it means of bringing together people from the provided for him to work on problems of immediate interest to the Navy, and then see the results of that work show up almost invariably in some high level Navy affords a great amount of visibility at NWC

preciation of how Navy policies are implemented, LaMarca concluded.

His duties involved him in the sea control Trenner stated that he would highly side of the Systems Analysis Division - recommend to others a tour with the as rewarding from both a professional and

He not only acquired, Trenner said, some insight and appreciation of the system and laboratory side with those in Fleet and headquarters roles.

The OP-961 assignment, Trenner noted, simply because the person selected will He left Washington with a better ap- have firsthand knowledge of issues affecting the Center and can facilitate NWC technical input about these issues.

Happenings around NWC

In observance of the Navy's 201st birthday on Oct. 13, both the Navy Exchange and Commissary Store at China Lake have planned sales featuring significant discounts on a variety of items.

The sale at the Commissary, which began last Monday and will continue through next Friday, Oct. 15, will offer price reductions on approximately 60 items, including noodles, pancake mix, peanut butter, liquid detergent and window cleaner.

The Navy Exchange sale will feature discounts on 180 items, including jewelry, dinner ware, clothing, tools, sporting goods, photographic supplies, stereo equipment, candy and tobacco products. It will begin tomorrow and continue through Saturday,

Award-Winning Movie

The Academy Award-winning movie "Lawrence of Arabia" will be shown at 7 and 10 o'clock tonight at the Cerro Coso Community College lecture hall.

Tickets, priced at \$1.50 for the general public and \$1.25 for holders of Associated Student Body cards, will be sold at the door before each performance. There will be no charge for children under 12 years of age who are accompanied by an adult.

Starring Peter O'Toole, Alec Guiness and Claude Rains, the film concerns a British Army officer in the Middle East during World War I who becomes a legend by organizing the Arab tribes into an effective fighting force against the Turks.

An added attraction to the program will be three "Betty Boop" cartoons, a favorite of movie-goers of the 1920s.

3 To Enter Talent Contest

Three Naval Air Facility sailors will be vying for honors in the 11th Naval District Talent Contest, which is scheduled to begin at 7:30 tomorrow night at the YMCA building in downtown San Diego.

Airman Queen Ella Washington and Seaman Yvonne Gullens are entered in the clarinet competition, while Aircraft Maintenance Administration Airman Steve Nixon will compete among the pianists.

Winners of this event will go on to the All Navy Talent Contest at Little Creek, Va., during the week of Nov. 15 to 19.

Dance Tonight at COM

California Country, a popular band from Los Angeles, will perform at a Commissioned Officers' Mess dance tonight from 9 until 1 a.m.

Dinner special will be a choice of the captain's plate or prime rib, served from 6 until 10 o'clock.

CPO Club Slates Dance

The Beachcombers, a local soft rock group, will play at a Chief Petty Officers' Club dance tomorrow from 8:30 p.m. until 12:30 a.m.

Dinner special for the evening will be a lobster seafood platter, served from 6 until

Dress blue uniforms to be in style on Navy's anniversary

Next Wednesday, Oct. 13, will be the 201st anniversary of the U. S. Navy, which had its beginnings on that date in

In recognition of this historic occasion, Oct. 13 has been designated as Navy Uniform Day. All 11th Naval District personnel, including active duty, reserve, NROTC, NJROTC, Sea Cadets and retired members are encouraged to wear service dress blues in observance of the Navy birthday-1976.

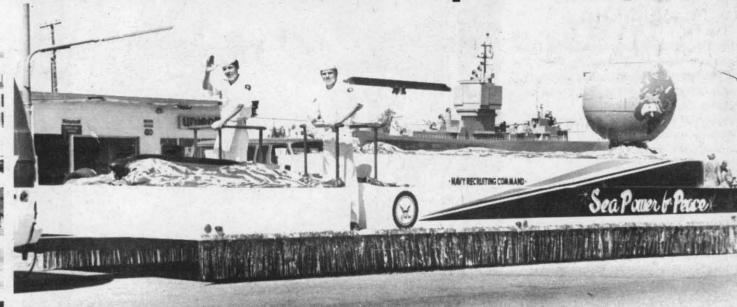
In addition, the period of Oct. 8 through 10 has been designated Navy Sabbath Weekend. All 11th ND Navy and Marine Corps personnel are encouraged to wear their uniforms while attending religious services.

Camera's-eye view of 1976 Desert Empire Fair parade



October 8, 1976

DIVISION IV of the DEF parade was led by Barbara Jackson on her pinto mare, Flight-O-Fancy. She also is slated to ride in the 1977 Rose Parade in



brought here through arrangements made by YN1 Ed Moss, local Photos by

THE NAVY'S PRESENCE in the 1976 Desert Empire Fair parade Navy recruiter. "Go Navy—Be Someone Special" was another of was highlighted by this "Sea Power for Peace" float that was the recruiting messages presented on this float, which featured a replica of the USS Long Beach, a modern Navy warship.



EDWARDS AIR FORCE BASE was represented in the DEF parade by the Blue Eagle drill team and a color guard (not in photo). Members of the drill team, shown going through one of their special routines, garnered a first place trophy for



BEHIND THEIR OWN color guard, members of the VX-5 Sea Cadet Squadron marched along briskly as they approached the parade reviewing stand.



SINGLED OUT to receive the Lee Wengler Memorial Trophy for decorating the float that best carried out the parade theme, "Fifty States for Freedom" was this entry by the Job's Daughters.



LIVELY, TOE-TAPPING MUSIC was provided for the benefit of parade viewers by K. H. Robinson's Dixieland band.



ON THE FAIRGROUNDS, local residents found carnival attractions aplenty for their enjoyment, including this YoYo that was one of a number of such rides brought here by Butler Brothers Amusements.



THE NAVY'S NEWEST aircraft fire fighting and rescue truck was a sight to behold during its appearance in the DEF parade. Riding on top of the truck during this prelude to the start of Fire Prevention Week was Smokey the Bear, on loan from the U.S. Forest Service.