



PAGEANT WINNER CROWNED — As a climax to the Miss Ridgcrest / China Lake Pageant, Lori McCahan, 17-year-old Burroughs High School senior, was announced as winner of this year's annual event held at the Naval Weapons Center theater. The crown was placed on her head by Mary Paine, last year's winner, while Rengis Fabris Potts, Miss Ridgcrest / China Lake for 1975, fastened on the special sash which the first place entrant received. Looking on and applauding at right is Donna Jo McKernan, one of the nine other pageant contestants. As winner of the local pageant, Miss McCahan, who is seen in photo at right

playing a saxophone rendition of "Harlem Nocturne," will represent the local area in the Miss California Pageant next June at Santa Cruz. First through fourth place runners-up in the local event were Lisa White, Lori Noland, Denise Johnson and Susan Karlstrom, respectively. From the nearly \$3,000 raised by the Miss Ridgcrest / China Lake Pageant, a sizeable scholarship award plus additions to her wardrobe for participation in the statewide pageant will be presented to Miss McCahan. The remainder of the funds will be divided between the nine other entrants. —Photos by Ron Allen

Barbershop song groups plan 'Salute to America'

A "Salute to America" Bicentennial program will be presented by the Indian Wells Valley Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America (SPEBSQSA) at the Center Theater next Saturday, Nov. 13, at 7:30 p.m.

The program will include barbershop-style chorus music, plus performances by five registered quartets: the Sunshine Company, Bakersfield; Beach Cities Delegation, San Clemente; and three local groups — the 139th Street, the Medallions and the Next Quartet. Scheduled to narrate the gala affair — and sing in too — is Rear Admiral R. G. Freeman III, NWC Commander.

For the choral portion of the program, Bakersfield and Antelope Valley SPEBSQSA chapters will join with their IYW counterparts to present 65 voices on stage.

Music for the songfest will feature numbers from colonial days, the Revolutionary and Civil Wars, up to the present day. The show was first produced for President Ford on Jan. 31 in Kennedy Center, Washington, D.C., and has been sanctioned by the American Bicentennial Committee as an especially appropriate work.

Immediately following the show, an afterglow will be held at the Commissioned

Model crafts contest set

Approximately 50 entries are expected to be shown in a modeling contest which will be held at the Naval Weapons Center Youth gymnasium tomorrow from 10 a.m. to 2 p.m.

The public is invited to attend this event, sponsored by Special Services and the High Desert Scale Modelers' Association. Ribbons will be awarded for the first through third place entries in each age group, and those who attend will have the opportunity to cast ballots to determine the winner of the best in show trophy.

Western music show

Jimmy Dee's popular country and western music show direct from Nashville, Tenn., will perform at China Lake this weekend.

Tonight, the group will be featured from 9 until 1 at the Chief Petty Officers' Club, where the dinner special will be prime rib, served from 6 to 9 o'clock.

On Saturday night, Dee and his band will perform at the Enlisted Club from 9 until 2 a.m. On the menu that night, beginning at 6 o'clock, will be T-bone steak.

Officers' Mess, at which time the public is invited to hear quartet music which could not be presented during the regular show during the time allowed.

Proceeds from the affair will be donated to the local Navy Relief Society. Tickets, which are priced at \$1.50 for adults and 75

cents for students and enlisted military personnel, may be purchased from local chapter members, and at the Medical Arts Pharmacy and Music Man in Ridgecrest, and the Station Pharmacy at China Lake. They will also be available at the door on Nov. 13.

Folk music concert slated at Cerro Coso

Mike Seeger, scion of a famous American musical family, will present a folk music concert tomorrow night at the Cerro Coso Community College lecture hall.

The program, which is scheduled to start at 7:30, will run the gamut of authentic folk music, from the earliest days when a fiddle was the only accompaniment for mountain music, down to today's popular country and western styles. He has recorded such traditional favorites as "Gambling Man," "Hell Bound Train," "Birmingham Ticket," and "Black Is the Color."

An expert on southern mountain, Appalachian and bluegrass music, Seeger plays the guitar, banjo, mandolin, fiddle, mouthharp, autoharp, dulcimer, jew's-harp and pan pipes. Over the past 15 years, he has toured throughout the U.S. and in Great Britain, Europe, Canada, Australia, New Zealand and Japan.

Tickets for the performance, priced at \$2 for the general public and \$1 for student body card holders, may be purchased at the door tonight.



HOLIDAY BAZAAR SET NOV. 12-13 — As a reminder that the Holiday Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers' Mess, is just a week away, representatives of three of the local organizations scheduled to participate in this event assembled to display some of the items they will be offering for sale. Shown above are (l.-r.) Carol Magorian, of the Burroughs Band Boosters, who is holding a wreath; Jan Quinn, a member of the Navy Wives Club, who has a Santa Claus boot, and Newella Hunter, of Chi Alpha Chapter of Beta Sigma Phi. Mrs. Hunter is displaying a candy-covered "Advent Calendar." The Band Boosters will be selling Colorado River candles, pine cone Christmas wreaths and small musical instruments, while a long list of gift items ranging from Barbie doll clothes, crochet work, book worms and marble mice will be offered for sale at the Navy Wives Club booth. At the Chi Alpha Chapter booth, Holiday Bazaar patrons will find pillows, plaques and stuffed animals. —Photo by Ron Allen

SHOWBOAT

MOVIE RATINGS

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 - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Program subject to change without notice — please check marquee.

FRI. 5 NOVEMBER

"THEATER OF BLOOD" (104 Min.)

Vincent Price, Diana Rigg

(Horror Comedy) Vincent Price, a ham Shakespearean actor thought dead, revenges himself on members of the Critics' Circle who refused him their drama award. The very much alive Price and his companions wreak much violence and bloodshed. Price finally dies when his theater sanctuary burns. (R)

SAT. 6 NOVEMBER

"THE BAWDY ADVENTURES OF TOM JONES" (89 Min.)

Trevor Howard, Nicky Henson

(Comedy Drama) This film is the continuing story of the escapades of Tom Jones, England's "Don Juan." This action-filled comedy follows Jones through a series of romantic mishaps as women chase him through England's countryside. (R)

SUN. 7 NOVEMBER

"THE CALL OF THE WILD" (105 Min.)

Charlton Heston, Ken Annakin

Melanie—1:30 p.m.

(Adventure) Buck, a gentle dog, is stolen from his rightful owner in the U.S. and is plunged into the savage life of a gold-rush sled dog in the frozen Yukon. Buck becomes the lead dog on the mail sled and develops a tremendous devotion for his master, John Thornton (Heston). Buck and John face innumerable trials fighting a common enemy. (G)

"KING OF 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 monopolist who is taken in by his smooth-talking, high-living brother and his fantastic scheme to build a gambling casino on Waikiki Beach. (R)

MON. 8 NOVEMBER

"DAY OF THE LOCUST" (144 Min.)

Donald Sutherland, William Atherton

(Drama) This film depicts studio life in a panoramic view of Hollywood, and the characters who made it in the depression era. William Atherton is a hopeful artist, Karen Black is a selfish, gold-digging starlet, Burgess Meredith portrays a vaudeville has-been and Donald Sutherland a meek, but affluent, midwesterner. All play a part in a series of grotesque incidents leading toward their destruction. (R)

TUE. 9 NOVEMBER

"DRIVE-IN" (96 Min.)

Lisa Lemole, Gary Cavagnaro

(Comedy) The drive-in of a small Texas town is the gathering place where assorted characters resolve a series of teenage dilemmas through a variety of comic escapades. The opening segment introduces all the central characters as they are watching a showing of "Disaster 76," a spoof of disaster films. (PG)

WED. 10 NOVEMBER

"ONCE IS NOT ENOUGH" (101 Min.)

Kirk Douglas, Alexis Smith

(Drama) This film reflects the lives of its characters in a typical soap opera manner. A producer marries a millionaire in order to lavish money on his daughter, who has no prospective suitors. A plane crash kills both producer and millionaire and the daughter is left fatherless and alone in New York City. (R)

THURS. 11 NOVEMBER

"PSYCHO SISTERS" (83 Min.)

Susan Strasberg, Faith Domergue

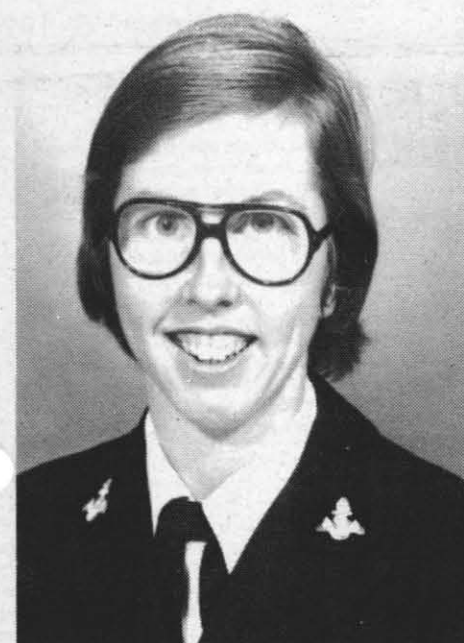
(Drama) This film is the story of two sisters. One has a past history of insanity traced to the death of her husband, and the other has spent time in a mental institution. Tension mounts with each passing moment as two insane sisters plot against each other. (PG)

U.S. Government Printing Office: 783-056—No. 1001

From:

PLACE
STAMP
HERE

To:



YN2 Linda Bomberger

YN2 Bomberger wins Bluejacket of Month honor

Yeoman Second Class Linda Bomberger, of Air Test and Evaluation Squadron Five, has been selected as the Naval Weapons Center's Bluejacket of the Month for October.

A member of VX-5 since April of last year, YN2 Bomberger types orders and makes other arrangements for personnel going on travel, and is also responsible for maintaining officers' records.

"I like my job very much because it means involvement with many people. And not only that, this type of work puts me in the mainstream of the squadron's activities so that I always have a good idea about what's going on," she says.

According to a letter of commendation signed by her skipper, Capt. R. N. Livingston (and which also named her as VX-5's Sailor of the Month for October), YN2 Bomberger was praised for her "quick response to urgent travel requirements (which) has enhanced the flexibility and capability of the command to maintain vital and timely liaison with the myriad agencies involved in operational test and evaluation."

Last May—when her maiden name was McKenzie—she was chosen one of her squadron's five candidates vying for the title of 1976 Miss Navy Relief. Now a bride of six weeks, she is the wife of AMH1 Gary Bomberger, also a member of VX-5.

A native of Miami, Fla., she worked as a secretary in Ft. Lauderdale for two years before joining the Navy in December 1974 "because I had never been out of my own state and wanted to travel a bit. I'm glad I enlisted, too." China Lake was her first duty.

(Continued on Page 3)



Naval Weapons Center
China Lake
California

November 5, 1976

Vol. XXXI, No. 42

Tests staged at NWC indicate search nearing end for 'fire safe' aircraft fuel

Recent tests conducted at the Naval Weapons Center indicate a decades-long search for a "fire safe" aircraft fuel is nearing culmination.

Occasionally, a crash which an aircraft and its occupants might otherwise have survived with little or no injury or damage becomes a deadly inferno as fuel tanks rupture and their contents ignite. Scientists faced this problem: how can the properties of a readily-burning fuel be chemically altered without affecting its commercial value, so that it will "burn on demand" only?

The search for the right "mix" (really a fuel additive) was initially undertaken by British and American researchers during World War II, evolving from emulsions, then gels, and finally, antimisting agents. These agents modify a particular characteristic of liquid fuels: the latter burn best when in the form of a mist.

Three Additives Tested

For the past year, extensive testing of three additive "candidates" (which had passed earlier laboratory tests) has been carried out under the sponsorship of the Federal Aviation Administration at the Naval Weapons Center's T range facility, which is operated by the Ballistics Test Branch of the Range Operations Department. Project engineer of the "FAA Antimisting Agent Program" here is Tony San Miguel of the Systems Development Department's Fire Program Office.

The FAA chose the Naval Weapons Center to conduct the tests because of the relatively low costs here and the fact that only modest additions to an existing facility were required to meet the objectives of their program. The basic airflow facility at T range was constructed in 1973 and consists of several air storage tanks, compressors to charge these tanks, and a heater to regulate airflow temperature.

Survivable crashes can occur over a wide range of operational conditions. Since air and fuel temperature significantly affect the ignition and sustenance of fire, an

(Continued on Page 3)



IMPRESSIVE STRUCTURE — At T range's airflow facility, Tony San Miguel (at left) and Tom Horeff inspect the propane torch under the airfoil used to ignite fuel during testing. The partially-obscured grill is the exit plane of the diffuser. The 18-ft. high tower at left is the fuel hopper used to pour the fuel into the airstream.

Fund drive continues

Combined Fed'l Campaign total hits \$92,000

The final wrap up of the Combined Federal Campaign for this year is in process.

As of Oct. 29, \$92,000 had been pledged. This is slightly ahead of the same point in last year's campaign.

"We're disappointed that we are not closer to our goal by now," said Eva Bien, co-chairman for the CFC, "but we are deeply appreciative of the good work that has been done and of the generosity of those who have contributed."

Anyone who has been on travel or has otherwise not yet had a chance to contribute can still do so, although the Combined Federal Campaign is officially over on Saturday," added Eleanor Johnsen. "We hope that with pledge cards turned in today and any others that are still outstanding we will achieve a higher percentage of participation than in past years."

Outstanding participation has been recorded by the Research Department with John Dancy as coordinator, the Personnel Department with Lynn Lacey coordinating, and Ida Rambo, Supply Department coordinator. More than 50 per cent of Engineering Department employees have turned in pledge cards to Magnus Pladsen. Above average participation also has been recorded so far by codes 08 and 12.

As of last Friday, 58 per cent of local

military personnel had contributed to the Combined Federal Campaign while civilian participation has been 40.1 per cent.

New board chosen to direct actions of Community Council

During Tuesday's General Election, a total of 593 China Lake residents also took advantage of the opportunity to elect 10 members-at-large who will serve as directors of the China Lake Community Council for the next two years.

There were 11 candidates running for the 10 vacancies to be filled. Those elected, and the number of votes each received, were: Dave Andes (416), Ken Catcott (446), Jim Crista (421), Joel Halop (371), Dick Mahan (438), Chas McIntosh (411), Dorothea Naumu (425), Ronald Pool (395), Mike Ripley (408), and Glenda Yu (410).

Of the 11 candidates for the local civic group's board of directors, Mahan is the only one who has previously served a full two-year term on the Community Council board of directors, and he has done so twice.

Andes, Ripley and Mrs. Yu were serving out the remainder of unexpired terms of previous Community Council directors at election time this year.



SLOW SPEED FLY BY — Spectators who witnessed the aerial artistry of the famous Blue Angels had one of their best opportunities to see the Navy's flight demonstration team at close range in the air as four of the Skyhawk II aircraft passed by with wheels and wing flaps down to slow their speed. Other photos of the air show that highlighted last Saturday's Bicentennial Salute to the Armed Forces can be found on Page 5 in this issue of The ROCKETEER. —Photo by Ron Allen



Marine Commandant sends message on Corps' birthday

This November we again join together to celebrate the birthday anniversary of our United States Marine Corps. Marines throughout the globe will recall our founding in Philadelphia and the 201 intervening years.

It is a time-tested tradition, a proud tradition, a good tradition. And it is altogether fitting and proper to pass the Corps in review, remembering that being always faithful — whether on or off the battlefield — has borne and will continue to bear a price. But this 201st year is unique. We have entered a third century of service to our nation.

This year, then, I ask each Marine not to look back on our distinguished march into history, but instead to look ahead to what must be a renewal of our commitment — to solid readiness for new service to America; a real determination for true quality within our ranks; and a solemn resolve to carry out fully our own individual responsibilities.

These resolutions, too, will bear a price. Yet, with such a forward spirit based upon rededication and seasoned with sound leadership, everyone of us will continue to be worthy of the title Marine. We can afford no less. In the tradition of the two centuries past, it is our obligation to so earmark the beginning of our third century, and I think it is a magnificent opportunity. Let's quicken the pace and see to it.

Happy birthday and may God give his choicest blessing to each Marine and families and friends who so ably support us.

General Louis H. Wilson
Commandant
U.S. Marine Corps

Leathernecks to celebrate 201st anniversary in local ceremonies

The Marine Corps — the nation's oldest amphibious fighting force — will celebrate its 201st birthday next Wednesday and plans are being made at the Naval Weapons Center to mark the occasion with appropriate festivities and ceremonies.

The birthday observance will begin with a 19-gun salute and flag raising ceremony in front of the NWC Administration building at 8 a.m. on Nov. 10.

At 11:30 that morning, Chaplain T. C. Herrmann will open an ecumenical service at the Morning Chapel with a call to worship and the invocation. Lt. Col. J. J. O'Brien of the NWC Marine Corps Liaison Office staff will follow with the litany and Col. L. A. Madera, Marine Corps Liaison Officer, will read the scripture. Chaplain Rhodes Harper will then provide the meditation and Chaplain Herrmann will close with the benediction.

Following the all-faith service, Col Madera will officiate at noon at the traditional cake cutting luncheon for invited guests at the Commissioned Officers' Mess.

On Saturday, Nov. 20, the public is invited to attend the San Diego Marine Corps Recruit Depot's patriotic flag pageant beginning at 11 a.m. in the NWC theater. The 30-minute program will feature 14 Marines dressed in period costumes corresponding to the different flags of this nation's 200 years. The First Marine Division's famed Drum and Bugle Corps will provide a concert of traditional music to accompany the pageant.

Completing the birthday festivities at

China Lake will be the Marine Corps Birthday Ball beginning at 6 o'clock that evening at the COM. Rear Admiral R. G. Freeman III, NWC Commander, will be the guest of honor, and Medal of Honor winners Col. Mitchell Paige, USMC (ret.) and 1st Sgt. Jimmie E. Howard, USMC (ret.) will be distinguished guests.

Music for this gala invitational affair will be provided by the San Diego Marine Corps Recruit Depot Dance Band and the First Marine Division drum and Bugle Corps.

Square dance workshop

The Cactus Squares, a local square dance club, will begin a 15-session workshop in the Pierce School auditorium next Tuesday.

The classes, which are open to all regular members who have completed the basic beginners' square dancing class, will be taught by George Thornburg on Tuesdays from 7:30 to 10 p.m.

Further information about these classes may be obtained by calling Cecil Daley at 446-4187.

AFGE meeting slated Mon.

Members of Local 1781 of the American Federation of Government Employees will hold their next monthly meeting on Monday, beginning at 7 p.m., at 65-B Halsey Ave., China Lake.

Local 1781 is the representative of a unit composed of those non-supervisory civilian employees of the Safety and Security Department's Police Division at China Lake.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Supply Clerk (Typing), GS-2005-3/4, PD No. 7325009, Code 6252-3/4, PD No. 7325009, Code 6252 — This position is located in the Ordnance Control Branch, Ordnance Division, Range Department. Incumbent establishes and maintains complete stock records of ammunition received, stored, issued and shipped; screens the requests to ascertain correctness of nomenclature, availability of ammunition, accounting job order number and other pertinent details; and again reviews the request to assure that all details are correct prior to posting to records. Job Relevant Criteria: GS-3: Ability to type and to follow instructions; reliability and dependability. GS-4: Knowledge of supply records keeping, of supply requirement procedures and of supply documentation requirements; ability to type.

Secretary (Typing), GS-318-7, PD No. 7406400, Code 06 — This position is located in the office of Test and Evaluation Directorate. The incumbent serves as secretary (typing) for the head and associate head, Test and Evaluation Directorate; is responsible for maintaining appointments, calendars, making necessary travel arrangements; correspondence preparation and management; establishment, maintenance and distribution of records and files; preparation of reports; acts as official visitor receptionist and performs other related secretarial duties. Job Relevant Criteria: Knowledge of Navy and NWC correspondence procedures, of report formats and reporting procedures, of Navy travel regulations, of office management procedures, and of Test and Evaluation policies and programs; capacity and willingness to accept responsibility; judgment, initiative and resourcefulness; effectiveness in meeting and dealing with persons at all organizational levels.

File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2577.

Utilities General Foreman, WS-4701-12, Code 34417 — Position is located in the Public Works Department, Maintenance and Utilities Division, Utilities Section. Incumbent performs planning, coordinating and direction of work operations in the maintenance, repair and operation of station boiler plants water systems, cold storage and ice plants, and sewage disposal plants. Applicants must possess enough knowledge and abilities in

the following elements to perform the duties of the position in the trades supervised: ability to supervise through subordinate supervisors; ability to plan and organize work; knowledge of different relevant lines of work; ability to work with others and to meet deadline dates under pressure; ingenuity (ability to suggest and apply new ideas). File SF-172 and supplemental wage grade supervisor information sheet with Code 092 no later than Nov. 22, 1976. Forms may be obtained in the Personnel Bldg., Rm. 100.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 103, Ph. 2657.

Pipefitter, WG-4204-10, JD No. 260-1, Code 26434 — Off-Center applicants with Civil Service status may apply. Incumbent works directly under the supervision of a foreman performing all of the duties of a pipefitter: installs pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, steam power, hot water, heating, hydraulic, high pressure air, chemical acid, various gases, carbox, fire sprinkler systems, vacuum lines, nitrogen lines and oil line systems; locates leaks or obstructions and repairs or clears them; tests piping systems. Job Relevant Criteria: Ability to do the work of a pipefitter without more than normal supervision; knowledge of equipment, trouble-shooting, instructions, specifications, measurement and layout, hand and machine tools.

Clerk (Typing), GS-301-4, PD No. 47094MI, Code 703 — This position is located in the Engineering Division, Public Works Department. It is a key position for the processing of requests for improvement projects, military projects and controlled maintenance projects. Duties include review of requests, routing, issuance of identification numbers, the maintenance of progress information, and the preparation of feeder reports to the Public Works Management Analysis Branch for IBM reporting. Job Relevant Criteria: A working knowledge of Public Works type functions; ability or potential to read blueprints; a knowledge of statistical reporting format and a general knowledge of cost accounting; ability to type. Promotion Potential: GS-5.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2032.

Clerk-Typist, GS-322-3/4, PD No. 7432022-IN, Code 331 — This position is in the Advanced Systems Division of the Fuze Department. Duties and responsibilities include performing clerical duties such as maintaining files and typing travel orders and vouchers, study requisitions, official letters, reports, and general correspondence of a highly technical nature. Job Relevant Criteria: Knowledge of Navy correspondence procedures, ability to type efficiently and accurately, reliability and dependability.

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

Engineering Technician or Electronics Technician, GS 805/854-9/10/11/12, PD No. 7436179, Code 34202 — This position is located in the Sideliner Program Office, Engineering Design Division, Engineering Department. Incumbent is a technical manager in the Sideliner/Chaparral Program Office with responsibility for such areas as acquisition of support equipment.

(Continued on Page 4)



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Wednesday Noon Bible Study 1130
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 Month.

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL
MASS
Daily except Saturday 1135

CONFESSIONS
Daily 1115 to 1130
Saturday 1530 to 1645
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Preschool thru 6th grades 1015
Wednesday Kindergarten thru sixth 1530
Sunday Seventh & eighth (Junior High) 1900

Above classes are held in Chapel Annexes across from Center Restaurant.
As announced Ninth thru 12th grades
"In Home" Discussion Groups
Monthly Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Services — (Sept.-May) 1930

Burros win easily . . .

(Continued from Page 6)

a 27-15 lead into the locker room at halftime.

Returning to the field after the intermission, the Burros ground out a 65-yd. scoring drive with Charlon and Brian Bergh, fullback, alternating as ball carriers. On a blast from inside the Apple Valley 10-yd. line, Charlon scored TD No. 5 for the night and the Burros increased their lead to 35-15 when a pass from Jaramillo to Lowe added 2 points after the touchdown.

Still in the third period of play, an interception of a pass thrown by McGowan for the Sun Devils led to touchdown No. 6 for Charlon and the Burros.

Taking over near midfield, the Burros moved the ball on a pass from Jaramillo to Cowles that was good for a gain of 20 yards and a first down inside the Apple Valley 25 yd. line. Charlon got the call on the next play and responded with another touchdown run which, following the successful PAT on a kick by Kovar, gave Burroughs a 42-15 lead with 1 min. still left to play in the third quarter.

Sun Devils Score Again

The Apple Valley eleven still had enough steam left to get another touchdown, which came 4½ min. before the final gun. After a partially blocked kick gave them the ball on the Green and White 40 yd. line, the Sun Devils' attack began to click. McGowan gained 8 yds. on a run, and then handed off on an end-around play that was good for 22 yds. and a first down on the locals' 10 yd. line. Two plays later, McGowan tallied on a run, the try for the PAT missed, and the score was Burroughs 42, Apple Valley 21.

The Burroughs High reserves finished the game, and with Dave Furstenberg at the helm as quarterback came close to scoring only to be stopped on the Apple Valley 3 yd. line.

Moments later, trying to pass from behind his own goal line, McGowan, the Apple Valley quarterback, was dropped for a safety that added 2 points to the Burros' final total of 44 for the evening.

In what was his finest effort of the season, as well as during his playing days at Burroughs, Charlon carried the ball 30 times for a total of 230 yds. and scored six touchdowns. All told the Burros gained 304 yards on the ground and 67 yards on three of six passes that were completed by Jaramillo for a total offense of 371 yds.

Gymnastics meet . . .

(Continued from Page 6)

Desert Empire Fairgrounds. There will be plenty of action beginning at 11 a.m., with a Class II intersquad meet running concurrently.

Accompanying 15 local girls to Redlands last Saturday were Class III coaches Marilyn Ball and Cathy Zurn. "The thing that really made us happy as coaches was that every one of our girls scored higher than they had in previous meets," Mrs. Ball said.

Miss Pursel achieved 30.9 all-around in the highly competitive Junior Division, to gain a place in the top 20 gymnasts eligible from that age group for the district competition. Also ranking in the top 20 in their age group were Miss Rohret and Miss Wilson in the Senior Division.

Bringing home a medal for third place all-around, Miss Wilson had a score of 29.0 as the result of a tie for second place on the vault, a third on uneven parallel bars, a fifth on floor exercise, and a sixth on the balance beam.

Miss Rohret, competing for her first season with the High Desert Team, had a sixth on the bars and a tie for second on the balance beam, to gain a fourth place medal for all-around, with a score of 27.6.

High scorer from the local team in the Children's Division was Margaret Wirtz, with an all-around score of 26.15.

Wilt's Corner . . .

(Continued from Page 6)

weight room facilities.

Further information can be obtained from the gymnasium secretary by calling NWC ext. 2334.

Fed'l Women's Program Coordinator on job

A strong commitment to improving women's awareness of their potential and providing support and training for both women and management to alleviate discriminatory practices, are several of the objectives that led to the appointment of Mrs. Karen Altieri as the new Federal Women's Program Coordinator for the Naval Weapons Center.

In this position, which is part of the total EEO team headed by Rear Admiral R. G. Freeman III, NWC Commander, Mrs. Altieri will serve as first assistant to Grant Williams, Deputy EEO Officer for the Center.

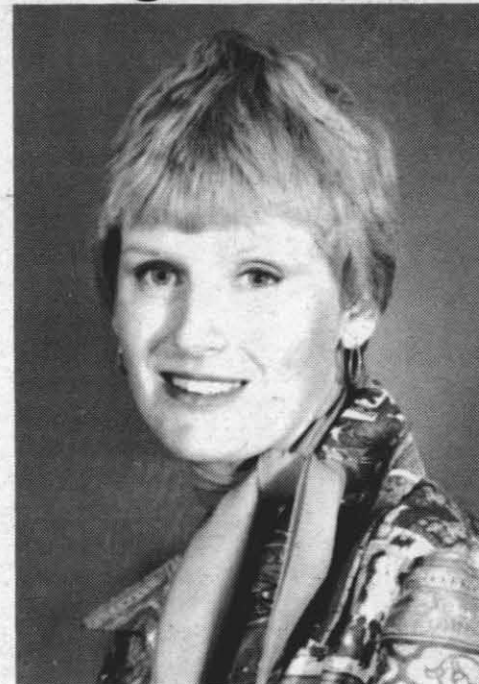
Mrs. Altieri arrived here in mid-October, just in time to be introduced to members and guests of the Center's EEO Committee at the group's monthly meeting. The EEO Committee will be one of her resources for support of the Federal Women's Program.

In commenting on her plans for the public at this month's Brown-Bag Seminar which will be held Tuesday, beginning at 11:30 a.m., in the Sideliner Room of the Community Center.

All interested people are invited to attend the Brown-Bag Seminars and are reminded to bring a sack lunch.

program at NWC, Mrs. Altieri stressed her interest in the social and economic problems of women in society in general. Her hope is that the NWC program will meet the needs of ALL women in the community, from teens to older persons, not just those who are already employed.

Mrs. Altieri has not been in EEO work in an official capacity for very long. She was employed at the Naval Engineering Ordnance Facility (NEOFAC), Indianhead, Md., as a technical writer in ordnance, specializing in guided missiles. Her interest



Karen Altieri

in the problems of women was first sparked by working in an all-male environment. Her awareness was heightened of the differences between men and women on the job, the long-established hurdles put in the way of any who were non-white or female, and the wide spectrum of problems that exist. Long before she worked as an EEO official, she was already deeply involved in helping co-workers with EEO types of problems on an unofficial basis.

Then, in 1974, Mrs. Altieri was appointed part-time Deputy EEO Officer at NEOFAC, and as she says, "They didn't know they were creating a monster." She took the job, knowing there was no black program per se, no Spanish-speaking program, little training for non-professionals, and no EEO program for the military at all.

Once given official backing, Mrs. Altieri

let her enthusiasm and perseverance take over, got budget increases for EEO, and proceeded to develop a multitude of EEO programs. One she is particularly proud of was the after-hours training program for lower level nonprofessionals, in which the participation was tremendous. She conceived and accomplished the combining of the military and civilian EEO programs, making them equally available no matter what the participant's status. She got career-development and career-counseling programs well on their way. When she left Indianhead, there were five trained counselors to continue the programs.

Specialized Training

While accomplishing all this, Mrs. Altieri also fit into her schedule 200 hours of EEO training courses, and 80 hours of personnel management training at both the Civil Service Institute and Charles County Community College.

Some of Mrs. Altieri's success in EEO and her career in general comes from her proficiency in speaking and writing. But she also has an excellent perception of the causes and effects of discrimination, and a dedication and enthusiasm to put her talents, her experience, and her knowledge all together for the benefit of society.

Mrs. Altieri spent her youth in Colchester, England, moving to Riverside, Calif., at the age of 16. She attended U.C. Riverside, and later the University of New Mexico. At present, she has no degrees to tack after her name, but over 200 credits earned at the college level.

Her husband William, an analytical chemist, being a "liberated man" according to Mrs. Altieri, has remained in Maryland, but hopes to find a position here so that the family can be together again. Mrs. Altieri is an indoor gardener, and shares with the rest of the family an interest in horses, music (especially singing), and antiques. The Altieris have three children, a son Andrew, 15, a daughter Amanda, 13, and a son Aaron, who is 7 months old.

Sewage treatment plant consolidation work 60% complete

Work is approximately 60 per cent complete on consolidation of the Naval Weapons Center and the City of Ridgecrest sewage treatment facilities, it was reported this week by Capt. W. F. Daniel, NWC Public Works Officer.

At the present time, most of the sewage collection lines for the new system have been installed, and construction work on the oxidation ponds (which cover 175 acres) is 90 per cent complete.

When this part of the job is finished, the slopes of the ponds will be protected by 74,000 sq. yds of rock and rubble to prevent erosion. Broken up concrete slabs from the old Hawthorne housing area, from an old construction site west of Michelson Laboratory and from around the Matungo Museum are being used for this purpose.

By doing this, in addition to saving money on the sewage treatment plant contract, the Center is benefiting by being able to clean up some unsightly, abandoned areas, Capt. Daniel noted.

If additional rock is needed to prevent erosion of the sewage treatment plant lagoons, it will be quarried from other areas on the Center.

Assessments due following death

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of Halley Wolfe.

The deceased, a former employee of the Pasadena Annex's Code P8042, was 67 years old at the time of his death on Oct. 21 in La Canada, Calif.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 378.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

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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 Defense.

Phones 2354, 2355, 2347



Cdr. Roger Martin

Burros to clash with Barstow after easy win over Sun Devils

Burroughs High School's varsity football team, hoping to close out the Golden League season with a three-game winning streak, will host the Riffians from Barstow High tonight. The game, a highlight of the Burroughs Homecoming celebration, will get under way at 7:30.

Following the clash with Barstow, regular season play will wind up on Nov. 12, when the Burros will tangle with the Quartz Hill Rebels.

The local high school eleven had just about everything its own way during a 44-21 rout of the Apple Valley Sun Devils in a game played last Friday night at Victorville. After returning the opening game kickoff to their own 41 yd. line, it took Coach Bruce Bernhardt's charges just three plays to put 6 points on the scoreboard.

A pass from Randy Jaramillo, quarterback, to Justin Cowles, wide receiver, picked up 38 yds. before Cowles was brought down on the Sun Devils' 15-yd. stripe. Ken Charlton, tailback for Burroughs who had started things off with a 6-yd. blast through the line, then broke loose for a 15-yd. romp into the end zone. The try for the PAT on a kick by Jay Kovar was blocked.

Burros Take Early Lead

This initial tally was the first of three touchdowns racked up by Charlton in the first quarter, as the Burros took advantage of fumble recoveries and a pass interception to jump off to a 19-0 lead.

With a little more than 3 min. still left to play in the first quarter, the Sun Devils scored a quick touchdown on a pass from Quarterback Jay McGowan to Duane Miller. The play covered 60 yds. and the same combination of McGowan to Miller clicked for a 2-point conversion that made the score 19-8 in favor of Burroughs at the end of the first period.

That sudden turn of events was followed in the second quarter by an Apple Valley drive that covered 62 yds. in 10 plays and ended with a touchdown pass from McGowan to halfback Les Zacker. The Sun Devils then added the PAT on a kick and suddenly the Burros' 3-touchdown lead had been whittled down to just 4 points, 19-15.

That was as close as the undermanned Sun Devils could come to matching the Burroughs High offense, however, as the locals hit paydirt one more time before the half ended. A short kick by the Sun Devils gave the Burros possession on their rivals' 38-yd. line to set the stage for Charlton's fourth touchdown of the game, which came on a 1-yd. plunge. On a fake kick for the PAT, Jaramillo completed a pass to John Lowe and the Burroughs High gridders took

(Continued on Page 7)

Saddleback Sales team leads Premier Bowling competition

The Saddleback Sales team, which won all three of its games Monday night at Hall Memorial Lanes, moved into sole possession of first place in the Premier Bowling League.

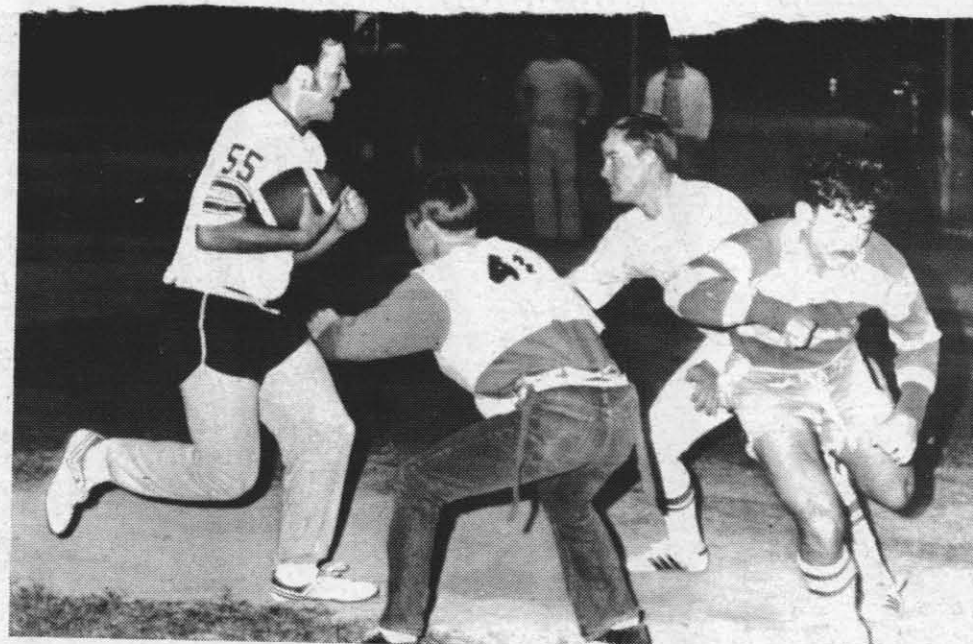
The league leaders had been sharing the top spot with the Raytheon Sidewinders, but the latter suffered a two games to one setback at the hands of the Hideaway keggers, who are battling to move into second place.

High team series for the night (2,904) was rolled by the Saddleback Sales team, while the best team game effort (1,039) was registered by the Hideaway squad.

Five men topped the 600 series mark for the night, led by Allen Smith's 685. Others were Earle Roby (659), Bob Kauffman (626), John Salyers (618) and Dick Furstenberg (605).

In the individual game category, Roby set the pace as he rolled single game totals of 266 and 203. Others over the 200 mark and their scores were:

Smith (247 and 245), Kauffman (246), Salyers (233 and 204), Doug Fisher (226), Vic Black (224), Bob Beck and Ron Williams (223).



FLAG FOOTBALL ACTION — Greg Pecheos (No. 55), player-coach of the NWC flag football team, was stopped after a short gain in Monday night's Admiral's Cup tilt between NAF and NWC. Moving in to halt the ball carrier are Sam Goode (No. 41) and Dave Scaff, of NAF, while Rod Maskew endeavors to throw a block for his teammate. The NAF gridders rolled to a 34-0 win over NWC. —Photo by Ron Allen

NAF Hawks capture 1st place in Admiral's Cup flag football play

First place in the Admiral's Cup flag football competition was garnered Monday night by the Naval Air Facility team, which swept to a 34-0 win over the NWC squad.

In a much closer game played on Wednesday night of last week, the NAF gridders outscored their rivals from VX-5 by a final tally of 34-24. The VX-5 squad had previously won by a forfeit over NWC.

The NAF Hawks warmed up for their lopsided win over NWC by cruising to a 12-0 first half lead, and then tacked on three more touchdowns in the final two periods of play.

Greg Bishop, quarterback for NAF, figured in four of his team's five touchdowns as he passed to Charlie Barrows for two scores, hit Bob Jackson on a pass and run play that covered 45 yds., and also scored on a 2-yd. run.

Another touchdown was scored for NAF on a 65 yd. run from scrimmage by halfback Sam Thompson, and the victors picked up 4 more points on successful 2-point conversions after touchdowns — one on a run by Gordon Gillie and the other on a pass from Ian Refo to Jackson.

Vampires Fight Back

In the crucial NAF vs. VX-5 game, the Vampires from VX-5 overcame an early touchdown tallied by Jackson for NAF on a 35 yd. run to score 4 points on a pair of safeties in the first half.

Trailing 6-4 following the halftime intermission, VX-5 took a momentary 10-6 lead at the start of the third quarter when Greg Robbins ran the kickoff back for a touchdown.

This turn of events sparked a three-touchdown spurge by NAF which began with Gillie's kick-off return for a touchdown that made the score 12-10 in favor of NAF. Gillie then tallied again on a 15-yd. run, the 2 pt. conversion was good on a pass from Jackson to Barrows, and NAF's lead was expanded to 20-12.

The Hawks of NAF continued to keep the pressure on and boosted their advantage to 26-12 on a pass play that was good for another tally, but the VX-5 Vampires still

3 High Desert gymnasts to vie in district meet

Competing in a Class III zone meet in Redlands last Saturday, three members of the High Desert Gymnastics Team achieved the high scores necessary to continue on to the Class III district level.

Kathleen Pursel in the Junior Division, and Beth Rohret and Deann Wilson in the Senior Division will now compete at the district level on Nov. 13. The next step, for high-scorers at that level, will be the Southern California state meet on Nov. 20.

Local residents who would like to see these and other Class III gymnasts compete against the Somies of Ontario are invited to a dual meet tomorrow at Joshua Hall on the

(Continued on Page 7)



Wilt's Corner

Return requested of flag football, softball equipment

Former members of flag football and winter softball teams are reminded to return all equipment that was issued to them as soon as possible now that their playing season has ended.

All equipment should be returned to the gymnasium issue room between the hours of 11 a.m. and 1 p.m. and 4 to 6 p.m., Monday through Friday. This procedure is necessary for inventory purposes and so that worn and broken equipment can be replaced and new items ordered.

Softball teams planning to play in the summer leagues must also return their equipment and sign it out at a later date.

Turkey Shoot Slated

The public is invited to compete in a "turkey shoot" for hams and turkeys that will be held Sunday at 10 a.m. at the NWC Special Services Skeet and Trap Range located on Sportsman's Rd.

Physical Fitness for Women

Group physical fitness classes for women are continuing at the Center gymnasium on Monday nights from 7 to 8 o'clock.

Women may join the class at any time, as the program is basic and on going. All types of exercise are made available by instructor Cindy Barber, including use of

(Continued on Page 7)

3 shutouts posted in youth soccer action

All three NWC Youth Soccer League contests played last Saturday at Davidove Field resulted in shutouts as the Cosmos and Sounders of the National Division and the Apollos of the American all coasted to wins.

In the opening game, the Atoms fell victim to the Cosmos by a score of 4-0. Forward Dana Smallwood was credited with the only goal of the first half, and in the second half, a loose-ball goal by Jeff Gordon was sandwiched in between two booming shots into the net by Scott Fulton.

Mike Oliver joined Fulton at halfback and the pair controlled midfield so well that the Atoms didn't manage a single shot at goal.

In the morning's second contest, the Sounders moved into first place by crushing the undermanned Stars, 6-0. David Murray quickly opened the scoring, and Bobby

Bruce added two rapid goals before he left game with a neck sprain.

David Vigneault continued the onslaught, Murray again scored, and Vigneault finally made it a trio of two-goal scorers for the Sounders. Steve Lee and Scott Holzer shared the Sounders' goal keeping in the shutout. The Stars played without three strong players who had schedule conflicts.

In the junior American Division, the Apollos struggled to a 1-0 halftime advantage, and then erupted in the second period to bury the Comets 4-0 and thus remain unbeaten. Bryan Lloyd hammered in all the goals for the Apollos, giving him seven for the first two games.

Tomorrow morning at Davidove Field, the Stars will meet the Atoms at 9 o'clock, while the Sounders and Cosmos will clash at 10 and the Spirits and Apollos will play at 11.



DEFENSIVE ACTION — Paul Wydra, fullback for the Atoms, kicks the ball away to defend his own goal as (l.-r.) Paul Weimholt, Atoms halfback, Cosmos forward Dave Hatzenbuehr, Atoms halfback Scott Chandler and Mark Flores, a forward for the Cosmos, come to join the action. The Atoms were shut out in this game by a score of 4-0 in Youth Soccer League action at Davidove Field last Saturday.



DELICATE WORK — Marion "Willie" Williams, a mechanical engineering technician for the Fire Program Office, is shown adjusting the pilot plant apparatus for mixing an antimisting agent with Jet-A fuel, a commercial kerosene. The mixing process is very critical to the additive's effectiveness.

Aircraft fuel tests conducted . . .

(Continued from Page 1)

airflow facility must be capable of controlling such temperatures. The set-up at T range is the only known facility capable of controlling air temperatures in the required range in conjunction with fire testing of full-scale aircraft components.

T range was originally designed to test air-breathing propulsion units for tactical sized missiles—very high velocity, high temperature tests. For this program however, the facility had to be modified to operate at subsonic velocities in order to simulate a survivable crash—such as a "pancake" landing — by controlling air speed and temperature.

The heart of the present apparatus is the diffuser designed by San Miguel. It delivers the low-velocity regulated airflow required by the program, usually discharging air in the range of 100-200 knots and 0 to 105 degrees Fahrenheit at an airflow about which fuel is discharged (as in a crash) and then ignited by a pulsed flame.

According to San Miguel, "The trick is to tailor the viscosity of the fuel so it will not mist. Upon substantial shock—such as it would receive in a crash landing—fuel, because of its antimisting additive, should become thicker."

Recently, critical tests were held to simulate a number of different crash conditions by controlling air temperature and speed. One additive—named "FM-9" by its producer, Imperial Chemical Industries Ltd., under contract to the British Ministry of Defense, Royal Aircraft

Veterans' Day to be observed by program on Nov. 11

A Veterans' Day program, sponsored by Lloyd E. Frost Ship 4084 of the Veterans of Foreign Wars, will be held at 11 a.m. next Thursday, Nov. 11, at the VFW Hall, 117 Alvord St., Ridgecrest.

The guest speaker for this patriotic event will be LCdr. Andrew J. Hingsberger, flight officer at the Naval Air Facility, whose comments will be centered around the historic significance of Veterans' Day in this, the nation's Bicentennial year.

Capt. Theodore C. Herrmann, senior chaplain at Naval Weapons Center, will deliver the opening invocation and will close the program with a benediction, while master of ceremonies will be B. E. "Dutch" Church, a past 10th District commander of the VFW.

Dan Herrington, captain of VFW Ship 4084, has invited representatives and color guards from all veterans' groups, fraternal and service organizations in the local area to participate in the Veterans' Day observance.

Establishment—"demonstrated the feasibility of the antimisting agent concept," says San Miguel, and its development represents "an important breakthrough in 'fire safe' aircraft fuel technology."

San Miguel emphasizes, however, that further tests remain to be conducted to determine just how FM-9 reacts under full-scale, real-life conditions. It is now undergoing trials at the Naval Air Propulsion Test Center at Trenton, N.J., to learn how it affects the performance of aircraft engines.

Widespread Interests in Tests

There is widespread interest in the outcome of these tests. Present at the most recent evaluations at NWC were representatives from the Army, Navy, National Aeronautics and Space Administration, FAA and the (British) Royal Aircraft Establishment.

According to one of those present, Tom Horeff, a program manager for the Systems Research and Development Service of the FAA, if further testing on FM-9 proves successful, the technical basis for the commercial use of this additive should be available in this country about 1980. He estimates, moreover, that it might increase the price of fuel approximately 5 per cent.

San Miguel is enthusiastic about the application of FM-9 capabilities to other types of kerosene fuels—automotive, recreational vehicle, etc.—in order to reduce injury and loss of life in traffic accidents. In the near future, he says, he plans to use this latest research to further promote the additive within the U.S. military establishment.



TASTY FARE — A total of 198 persons enjoyed the delicious Bicentennial dinner served at the Enlisted Dining Hall last Saturday as a part of the local salute to the Armed Forces. The menu included prime rib, soup, salads, baked potatoes and dessert. A special treat, pictured above, was a decorated red, white and blue cake baked in honor of the Navy's 201st birthday by MS2 Frank Lagmay. Shown present for the cake cutting ceremony were (l.-r.) MSSN Michael Reinhardt, MS2 Clemete Ruz, SN Yvonne Gullens and MS1 Ronald Burns, galley supervisor.

Annual Death Valley trail ride to begin at fairgrounds Sunday

A caravan of nearly 100 horses and riders, together with necessary supplies and equipment, will leave the Desert Empire Fairgrounds in Ridgecrest at around 8 a.m. Sunday bound for the Furnace Creek Ranch in Death Valley.

When the riders reach their destination in mid-afternoon next Friday, Nov. 12, they will join in festivities that are scheduled in connection with the 27th annual Death Valley Encampment, Nov. 11 through 14.

Trail boss for the 125-mile Death Valley Trail Ride will be Dell Goodwin, from Capistrano, while the co-chairmen of this event again this year are Harold and Sylvia Hughes, of Whittier.

Among the participants will be Mel McCubbin, head of the Propulsion Development Department's Warhead Development Branch, who will be riding his favorite quarter horse.

Trail Ride Began in 1962

The Death Valley Trail Ride began in 1962 and was led by Capt. Charles Blennman, USN (Ret.), a former Commander of the Naval Ordnance Test Station (now NWC). Participation in this event has grown from approximately 20 riders to last year's high of around 130.

In addition to the horsemen and their mounts, the caravan that will be leaving the local fairgrounds on Sunday morning will include a volunteer crew of helpers who will drive the hay and water trucks, prepare the morning and evening meals, and set up camp each evening.

Proceeds from the fees paid by those involved in the ride will go (after all expenses are met) to Equestrian Trails, Inc., for use in the acquisition and preservation of riding and hiking trails.

The riders will travel as far as the Pin-

Bluejacket . . .

(Continued from Page 1)

assignment.

In her off-duty hours, YN2 Bomberger takes night classes in psychology at Cerro Coso Community College in pursuit of her ambition to be a teacher of mentally retarded children, and also works two nights a week as game night cashier at the Enlisted Club on the Center.

As a result of her selection as Bluejacket of the Month, YN2 Bomberger and her husband will be the guests of the Greater Bakersfield Chamber of Commerce some weekend soon. While visiting that city, they will be hosted at a motel where they will receive their room and meals, and will also receive various gift certificates and discount coupons from Bakersfield merchants who participate in the monthly program.

For transportation to and from Bakersfield, they will have the loan of a new Ford automobile from Desert Motors in Ridgecrest.

nacles on the first day of their 125-mile trek, and the second night's stop will be made at the Valley Wells recreation area in Searles Valley, where the horsemen will have a chance to wash off some of the trail dust before continuing.

Other Overnight Stops

Other overnight stops enroute to Furnace Creek will be made at Goler Wash in Panamint Valley (14 miles south of Ballarat) on Tuesday; and at an old (but still active) talc mine beyond Butte Valley on Wednesday.

About half way between Panamint Valley and the talc mine the riders will cross the Death Valley National Monument boundary and stop at the Eagle borax mine—an old borax works on the floor of Death Valley.

Leaving the borax works at 8 a.m. on Friday, Nov. 12, the riders are expected to cover the remaining distance to the Furnace Creek Ranch by 2:30 p.m. that day.

NWC wins 11th Naval Dist. Bronze Hammer Award

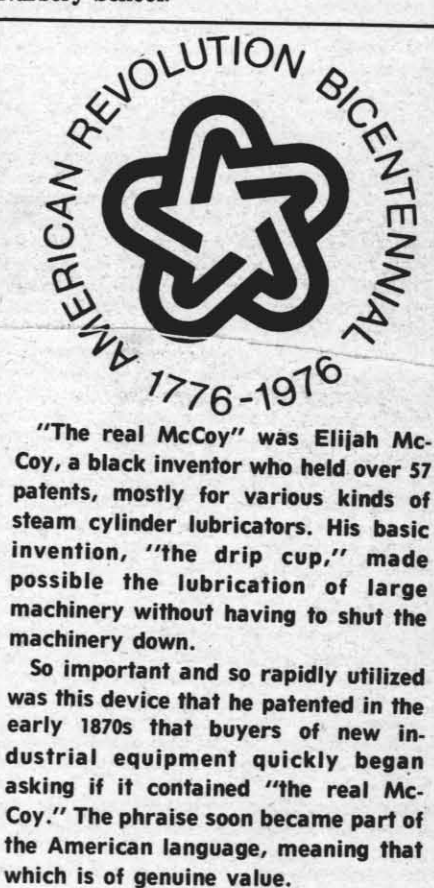
The Naval Weapons Center has won a Navy Self-Help Bronze Hammer Award in competition within the 11th Naval District, it was announced recently.

The award was for work accomplished by the Public Works Department's Self-Help Seabee Unit, under the leadership of Senior Chief Builder Bill Cava, with the assistance of local and out of town Seabee regulars and reservists. By virtue of this award, NWC has been entered in the Navy-wide competition for further honors.

Recognized by the award were significant Self-Help projects undertaken at NWC. They were:

Completion of Seabee Park, the trailer court for enlisted personnel that is located on Princeton St., between Richmond Rd. and Lauritsen Ave.; fabrication and delivery of 90 wardrobe closets to the Bachelor Enlisted Quarters; construction of two new handball courts at the NWC gymnasium; rehabilitation of the Sandquist Spa recreation facility; preparation of two new softball fields on the corner of Knox Rd. and Forrestal St.

Other projects carried out were installation of three miles of pipeline for Junction Ranch in the north range area; installation of the Hobby Shop auto hoist; relocation of the NWC range fence near the riding stables; installation of a TV receiver antenna mount at B Mt., installation of emergency lights for the Rotary Club heliport opposite the Ridgecrest Community Hospital; construction of the Glass Recycling Center; and installation of new sidewalk and fencing for the China Lake Nursery School.



"The real McCoy" was Elijah McCoy, a black inventor who held over 57 patents, mostly for various kinds of steam cylinder lubricators. His basic invention, "the drip cup," made possible the lubrication of large machinery without having to shut the machinery down.

So important and so rapidly utilized was this device that he patented in the early 1870s that buyers of new industrial equipment quickly began asking if it contained "the real McCoy." The phrase soon became part of the American language, meaning that which is of genuine value.



PREPARATIONS FOR HOMECOMING — Class competition in a campus decoration contest was held today and the final touches were put on floats that will be displayed tonight at the Burroughs High School athletic field as a part of the annual observance of Homecoming Week. Shown working on one of the floats that spectators who attend the sophomore and varsity football games will see are (l.-r.) Carolyn Lewis, Melanie Harter, Stuart Young and Kathy Donoghue. Crowning of the Homecoming queen is scheduled during the interim between the end of the sophomore game, which will get under way at 4:45 p.m., and the start of the varsity clash at 7:30. Candidates for the title are twin sisters Cheryl and Sharon Burkland and Cindy Ayers. Burroughs High School football teams will be hosting the Barstow Riffians in tonight's gridiron competition.

Promotional opportunities...

(Continued from Page 2)

missile/launcher aircraft compatibility, test and evaluation planning, documentation and technical data. Incumbent maintains a close liaison with contractors, NAVAIRSYSCOM and various military facilities. **Job Relevant Criteria:** Experience with aircraft missile system integration program requirements and with missile test and evaluation program management; ability to deal effectively with persons of diverse backgrounds from on-center, other DoD activities, and contractor firms.

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

Editorial Assistant, GS-1087-5, PD No. 7633024, Code 2620 — This position is located in the Earth & Planetary Sciences Division, Research Department. The incumbent copy edits and types technical reports, technical memoranda, open literature publications, and reports on seminars and conferences from rough drafts and/or recordings. The incumbent is responsible for organization, format, grammar, spelling, punctuation, abbreviations, verifications of references and correct use of symbols. **Job Relevant Criteria:** Ability to type accurately and efficiently; knowledge of English grammar and composition; and the ability to type from recordings and to operate the IBM Magnetic Card Selectric Typewriter.

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

Fire Protection Inspector, GS-981-6 or 7, PD No. 7484001-3, Code 842 — This position is located in the Fire Division of the Safety and Security Department. Major duties include inspections of buildings, their contents, utilities, and surrounding areas; assignments involving life hazards, fire hazards and fire prevention deficiencies. Incumbent recommends and follows up on corrective actions for fire hazards; presents fire prevention training to other Fire Division personnel; and tests, services and installs fire equipment. **Job Relevant Criteria:** Knowledge of principles of fire prevention inspection, knowledge of operations performed in assigned area, and general knowledge of physical layout of NWC (including NAF).

Clerk (Typing) GS-301-3/4, PD No. 7284006, (2 vacancies), Code 2412 — This position is located in the Police and Security Operations Division of the Safety and Security Department. Visitors Branch. Incumbent will greet visitors to the Center. Duties include answering telephone, receiving the public, typing and issuing passes, contacting sponsors, verifying clearances and access needed, issuing vehicle decals, miscellaneous typing and filing and providing information and directions to the public. **Job Relevant Criteria:** Must be able to deal tactfully and courteously with the public, possess typing ability and the ability to understand and carry out written instructions. Position requires occasional weekend work.

Supervisory Policeman, GS-983-08, PD No. 7184010, Code 2413 — This is a temporary promotion not to exceed one year, which may lead to a permanent promotion. The position is that of police lieutenant (watch commander). Primary duty of the position is to serve as the top level functional supervisor over Police Division patrol operations for his watch. Incumbent will insure that all patrol areas (beats) and guard posts are manned; will insure that the general patrol objectives — preservation of peace and apprehension of criminals — are met. The incumbent will insure that patrol personnel utilize the most efficient methods and techniques to accomplish the foregoing objectives. The incumbent will insure that personnel under his control are adequately trained and equipped to perform their duties. **Job Relevant Criteria:** Knowledge of all areas of police patrol; high level of knowledge of criminal law, court decisions, rules of evidence, interrogation techniques, and juvenile procedures.

Clerk-Typist, GS-322-3/4, PD No. 7635110, Code 354 — (This is an intermittent position.) Incumbent will provide clerical assistance for professional and technical personnel in the Microwave Development Division, primarily for the Microwave Radiometry Branch and the Missile Radar Branch; types letters and memoranda from rough drafts and handwritten copy and types a variety of forms; arranges travel and prepares travel claims, sorts and distributes mail, and files and prepares time cards. **Job Relevant Criteria:** Ability to operate IBM Mag Card Typewriter and to work under pressure; knowledge of correct grammar, spelling and punctuation.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

JOB OPPORTUNITIES

Recreation Aid, PS-0189-4, \$2.87 p/h, Intermittent (18 hrs. per week), PD No. 7655104 — This is not a Civil Service job. This position is located in the Center Bowling Alley, Recreation Branch, Special Services Division. Incumbent serves as night manager of the bowling center; assigns lanes to customers, takes payment for rental shoes and bowling fees, sells bowling accessories, makes minor repairs on stoppage of pinsetter, and maintains records of daily operations. **Job Relevant Criteria:** Ability to deal effectively with the public; ability to use cash register and make change; and knowledge of bowling alley equipment.

Motion Picture Projectionist, NA-3910-5, \$3.19 p/h, PD No. 7555116 — This is not a Civil Service job. This is an intermittent position, approximately 15 hours per week. Position is located at the Center Theater. Incumbent inspects incoming film and makes reports; operates 16mm projectors, spotlights and slide projectors; supervises other theater employees in the absence of manager. **Job Relevant Criteria:** Demonstrated experience in the operation of 16mm motion picture projectors, sound-reproducing equipment, spotlights and slide projectors, and related equipment. Must be willing to work weekends and week nights.

Inventory Management Clerk, AS-2005-3, \$2.75 p/h, PD No. 74CP5100 — This is not a Civil Service job. This position is located in the Special Services Division of the Office of Finance and Management. Incumbent maintains all property and stock records by type of inventory for the CPO and EM Clubs; may assist in recreation and mess accounting process; and will serve as the Community Center attendant part time. **Job Relevant Criteria:** Ability to deal effectively with people and to work with figures.

Recreation Aid, PS-0189-4, \$2.87 p/h, PD No. 7655108 — This is not a Civil Service job. This position is located at the Hobby Complex, Special Services Division. The incumbent controls retail activity at the ceramic, electronic and model facilities; trains new personnel and assists patrons; plans work schedules and supervises employees; prepares purchase orders; takes and verifies inventories of stock and performs preventative maintenance on portable and stationary electric tools. **Job Relevant Criteria:** Knowledge of operating a retail store; knowledge of use of electronic test equipment, wood working equipment and ceramic kiln firing equipment; and ability to deal effectively with people.

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

Dr. Royce to speak at next STC meeting

Featured speaker for the Nov. 18 meeting of the Society for Technical Communication, Sierra-Panamint Chapter, will be Dr. Edwin B. Royce, head of the NWC Research Department.

The meeting will begin with a social hour at 6 p.m. at the Commissioned Officers' Mess, dinner will follow at 7, and Dr. Royce will speak at approximately 8 o'clock. The meeting is open to the public. Persons wishing to make dinner reservations can do so by calling Chet Creider at NWC ext. 3672.

Dr. Royce, whose topic will be "Presenting NWC's Research Department," was Acting Associate Deputy Assistant Administrator for Energy, Minerals and Industry in the Environmental Protection Agency's Office of Research and Development in Washington, D.C., before coming to China Lake last May. Previously, he was associated with the physics department of the University of California's Lawrence Livermore Laboratory.

Vocal music recital, lecture on physical fitness slated at college

Upcoming community service programs at Cerro Coso Community College's lecture hall include a solo vocal recital by soprano Rosemary Mathews tonight and a talk by Dr. Kenneth H. Cooper, physical fitness advocate, on Nov. 11.

Tonight's presentation by Mrs. Mathews, which will begin at 8 o'clock, will feature German leier and operatic arias, as well as Northern and Southern American songs. There is no admission charge for this musical program, which is open to the general public.

A three-time winner of the Metropolitan Opera auditions, Mrs. Mathews on two occasions was the recipient of the American Association of University Women's scholarship grant for outstanding women. She is currently director of the college choir and a teacher of group voice at the University of Nevada in Reno and at Cerro Coso College.

She will be accompanied at the piano by Joan Fowler, who has attended the

University of Wisconsin, the American Conservatory of Music in Chicago and the University of Chicago. Mrs. Fowler is an organist at the NWC All Faith Chapel.

Dr. Cooper, director of the nonprofit Institute for Aerobics Research in Dallas, Tex., and author of several acclaimed books in the field of physical fitness, will speak at 7:30 p.m. on Thursday, Nov. 11, about the aerobics theory which he developed while serving as a staff doctor in the Air Force aerospace medical program.

Generally credited with starting the country on the road to strengthening the heart, lungs and circulatory system through jogging, Dr. Cooper believes in the improved physical, mental and emotional health of persons dedicated to a regimented exercise program.

Tickets for his talk, priced at \$2 for the general public and \$1 for student body card holders, are on sale at the college business office, the Gift Mart in Ridgecrest and the Station Pharmacy at China Lake.

Open season set Nov. 15-30 for Fed'l Employees Health Benefits Program

Open season for the Federal Employees' Health Benefits Program will be held from Nov. 15 through Nov. 30, 1976.

Employees who do not want to make any change in their enrollment need take no action during this time. However, any eligible employee who is not currently registered may enroll and enrolled employees may change from one plan or option to another, or from self only to self and family, or a combination of both.

This year each employee will receive brochures for both the Service Benefit Plan (Blue Cross-Blue Shield) and the Indemnity Benefit Plan (Aetna), an open season instructions and information pamphlet about plan changes that will become effective on Jan. 1, 1977, and a bi-weekly benefits rates

sheet.

Employees who want to enroll or make some other permissible change in coverage should contact their Code 09 personnel clerk. New enrollments and changes in current enrollments made during the open season will become effective the first pay period in January 1977.

Employees are urged to make any desired change in the Federal Employees Health Benefits Program as soon as they have the informational literature they need. Informational materials will be distributed during the next week.

Following is a list of plans which NWC employees are eligible to join and their rates for 1977:

PLAN	OPTION			
	High Self	High Family	Low Self	Low Family
Blue Cross / Blue Shield	\$9.50	\$21.52	\$1.22	\$3.54
Aetna	6.18	11.95	2.06	5.10
American Fed. of Gov't. Employees	5.29	10.40	.94	2.73
American Postal Workers Union Plan	6.91	16.66		
Alliance Health Benefit Plan	3.81	9.10	.75	1.91
Gov't. Employees Hospital Ass'n	5.14	7.44	2.38	4.60
Mail Handlers Benefit Plan	3.91	13.84	2.33	6.56



DINNER-DANCE PLANNED — The Christmas holiday party season will get under way on Wednesday, Dec. 8, when the Catholic congregation of the NWC All Faith Chapel will hold its annual dinner-dance at the Enlisted Club. Patty Carroz (at left), who is in charge of ticket sales, and Catherine Donoghue, co-chairman of the party with Ethel Ritchie, are shown as they set up a poster advertising this event. Tickets, priced at \$20 per couple or \$10 for individuals, will go on sale following the 5 p.m. Mass tomorrow, and will be available at regularly-scheduled Masses on weekends from now through Dec. 5, and at the chaplain's office on weekdays. A buffet dinner featuring chicken and roast beef will be served from 7:30 to 9 p.m., followed by dancing to the music of the Frank Kane Bunch.

Large crowd thrilled by Bicentennial Salute to Armed Forces



OPENING EVENT on the air show agenda was a jump by Quartermaster 2nd Class Bob Bender of the Navy Parachute Team West, who broke out an American flag as he approached the ground.



THE BLUE ANGELS' delta vertical break created this pattern against the clear blue desert sky.

Photos by
Ron Allen
&
PH1 Richard
Grant



FLYING BACK TO BACK with one aircraft inverted, Lts. Denny Sapp and John Miller, the Blue Angels' solo pilots, brought this maneuver right down to the deck for easy viewing by spectators.

ONE LANDING TECHNIQUE, rappelling to the ground from a hovering helicopter, was demonstrated by four members of the Army's 10th Special Forces (Airborne).



A HUGE TURNOUT of local area residents and visitors was on hand last Saturday afternoon at the Naval Air Facility to witness a spectacular Bicentennial Salute to the Armed Forces.



VISITORS TO the air show had the chance to inspect the interior of this Marine Corps CH-46F Sea Knight helicopter that is used for rapid landing of assault forces.



THE DIFFICULT left echelon roll in delta formation shows the minimum wingtip to canopy separation that is a trademark of performances by the Blue Angels flight demonstration team.



YOUNGSTERS AT the air show clambered all over this self-propelled 8 in. gun mount that was among the Marine Corps' static exhibits.