

### Bicentennial fete . . .

(Continued from Page 1)  
containing items representative of community life and a scroll signed by all who attend the evening's festivities. This portion of the program will be led by Chris Leitheiser, chairman of the Bicentennial time capsule project.

After another presentation by the NAF drill team and a historical flag pageant to be performed by the Ridgecrest Elk's Lodge, the traditional fireworks display is slated to begin at Mirror Lake on the Naval Weapons Center.

Planned for the fairgrounds' Joshua Hall is the Bicentennial Birthday Ball, which is scheduled to begin about 10 p.m. Everyone is invited to come in the period costume of his or her choice in this pageant of American history. Michael Garrett, director of the Burroughs Stage Band, has assembled local musicians to provide music for the ball, which will be open to the public without charge.

This community's Independence Day festivities are not, however, limited to the activities scheduled on Sunday.

The first event of the local observance of this nation's 200th birthday will occur tonight at 8:15, with the opening of the Community Light Opera and Theater Association's production of "1776" at the Burroughs High School lecture center.

**Arts, Crafts Fair Slated**  
Tomorrow, an arts and crafts fair sponsored by the Indian Wells Valley Bicentennial Committee will open at Joshua Hall at 10 a.m. and continue until about 7:30 p.m. Activity will resume at 11 a.m. on Sunday, July 4, and last through about 9 p.m.

The fair will feature exhibits, sales and demonstrations by local craftsmen and artists, plays written, produced and acted by school children of the Valley, and special performances of music, dancing and poetry.

At noon on the Fourth of July, the Naval Weapons Center's saluting batteries, set up on the lawn in front of the Administration Building, will fire a 21-gun National salute.

At Ridgecrest Park on Saturday, Explorer Post 850 will sponsor a "watermelon meet and eat" from 11 a.m. to 7 p.m. The fun will resume on Sunday at 11 a.m. and continue until 3 p.m. The entry fee is \$1.25 for adults and 75 cents for children 12 years of age and younger. More information may be obtained by phoning Peggy Chase at 375-5127.

Also on tap at Ridgecrest Park on Sunday will be an old-fashioned family picnic, beginning at 1 p.m. and continuing throughout the afternoon. In addition to games and other special events organized by the Marine Corps League and other local groups, there will be free swimming at the adjacent John Pinney Memorial swimming pool.



**MUSICAL HIT IN STORE** — Tim Connaghan will portray Benjamin Franklin in the Community Light Opera and Theater Association's production of "1776" which will open tonight at the Burroughs High School lecture center. Winner of the prestigious New York Drama Critics' and the Tony Awards, "1776" was produced by CLOTA locally in 1973 to much popular acclaim. —Photo by Ray Hocker

### Curtain goes up tonight on '1776,' musical story of nation's birth

The Community Light Opera and Theater Association's production of "1776" — the award-winning musical story of this nation's birth — will open tonight at the Burroughs High School lecture center.

Curtain time is 8:15 for this, as well as for other performances that are scheduled at the same time on July 3, 8, 9 and 10. In addition, a 2:30 p.m. matinee is slated on July 4.

Tickets, which are priced at \$3 for adults and \$2 for students and senior citizens, are available at the Gift Mart, the Importium and the Station Pharmacy, as well as from members of the cast. Remaining tickets will be placed on sale at the lecture center box office at the times of the performances.

Not only has "1776" won the New York

Drama Critics' Award (1968) and the Tony Award for the best musical of 1969, but at the local level CLOTA boasts award-winning personalities of its own.

Loren Dorrell, to be seen as Lyman Hall, has performed in 17 shows for various local organizations. He was recognized as Burroughs High School's Best Thespian for 1976.

As Tevye in CLOTA's "Fiddler on the Roof," Alex Bellen won the group's best actor award in 1971. He will repeat his portrayal of John Adams, as seen in CLOTA's 1973 production of "1776" and also serve as vocal director.

Russ Parker, who won the best technical achievement award for CLOTA's "Jesus Christ Superstar" in 1975, will be seen as Dr. Josiah Bartlett in this production.

#### Other Principal Roles

Fred Stahlman, who will portray Samuel Chase in this show, has three times been recognized as CLOTA's best supporting actor and twice as its best actor.

Secretary Thompson will be played by Tom Lehman, winner of Burroughs' Best Thespian award for 1975. Herb Childers will be reenacting his 1973 role of John Dickinson, for which he was given the best supporting actor award. He has also been the recipient of the Delta Psi Omega Award for outstanding contributions to drama in the local area.

The show is directed by Florence Green, an instructor in political science and drama and theater at Cerro Coso College. Four of her CLOTA musicals — "Fiddler on the Roof," "Company," "Guys and Dolls," and "Jesus Christ Superstar" — have won best production awards. Sue Gardner will be assistant director.

Other members of the cast are Russ Stedman, Ralph Vuono, Dale Shahan, Chris Dairs, Bob Seely, Galen White, Tim Connaghan, Doug Blew, Clyde Irvine, Joe Ferris, Robbie Robbins, Mike Walker, Diderot Ausseresses, Reno Venturi, Greg Erdmann, Mitch Lyon, Janice Frageman, Karen Buehler, Tim Bellen and Richard Paulsen.

## 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. 2 JULY**  
"THE WOMAN I LOVE" (83 Min.)  
Richard Chamberlain, Faye Dunaway  
(Drama) The history making incident in which King Edward VIII renounced the British throne to marry the twice-divorced American, Wallis Warfield Simpson, is reenacted in this movie. (PG)
- SAT. 3 JULY**  
"JORY" (97 Min.)  
John Marley, B. J. Thomas  
(Western) A gunslinging orphan is forced to become a man before he's had a chance to be a boy. (PG)
- SUN. 4 JULY**  
"THE BLACK BIRD" (98 Min.)  
George Segal, Stephanie Andran  
(Comedy) The spirit of Sam Spade is alive in this spoof of the classic Humphrey Bogart, "The Maltese Falcon." Sam Spade, Jr., (George Segal) is a private eye who, like his father, is forced to deal with a menagerie of oddball criminal-types who are intent on getting their hands on his father's black bird, which is otherwise known as the Maltese Falcon. (PG)
- MON. 5 JULY**  
"THEATRE 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. (PG)
- TUE. 6 JULY**  
"BREAKOUT" (97 Min.)  
Charles Bronson, Robert Duvall  
(Action Drama) A devil-may-care flying misfit takes on the job of rescuing a framed American from a Mexican prison. (PG)
- WED. 7 JULY**  
"THE GAMBLER" (111 Min.)  
James Caan, Lauren Hutton  
(Drama) A young college professor is obsessed with gambling, but he has seriously extended his credit with some casino operators and must raise the money or else. (R)
- THURS. 8 JULY**  
"LOVE AND DEATH" (92 Min.)  
Woody Allen, Diane Keaton  
(Comedy) Surrealism and fantasy mingle with reality as Woody Allen narrates an absurd tale set in Russia at the time of the Napoleonic Wars. (PG)
- FRI. 9 JULY**  
"THE MACK" (109 Min.)  
Max Julien, Don Gordon  
(Action Drama) A petty crook just released from prison is determined to make good as a pimp in spite of competition and threats from his ex-boss and the police. (R)

### Disney film set July 7

"Perri," an animal adventure classic by Walt Disney, will be offered as the Youth Center matinee at the Center theater next Wednesday at 1:30 p.m.

The movie concerns a pine squirrel who loses her father to a hungry martin but soon becomes an expert in survival. She forages for food, eludes natural enemies and finds romance.

Youth Center matinees are open to dependents of active duty and retired military personnel and civilian employees of the Naval Weapons Center. The admission price is 50 cents for Youth Center members and 75 cents for non-members.

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### Bicentennial to be observed in festive fashion

The sealing of a 100-year time capsule, a traditional fireworks display and a colorful costume ball will highlight this community's gala Bicentennial year Independence Day celebration at the Desert Empire Fairgrounds on Sunday evening. Tickets are still on sale for the Big Bang Barbecue, the event which kicks off these festivities at 7 p.m.

Priced at \$2.50, they can be obtained at the Ridgecrest City Hall, the "Daily Independent" newspaper and the Station Pharmacy. Tomorrow and Sunday they will also be available at the fairgrounds' Joshua Hall. All proceeds will go to the Maturango Museum building fund.

#### Opening Ceremony

At 8:30 p.m., while the barbecue is in progress, the evening's program will begin with music by the Sierra Sands Unified School District band, and a welcoming address by Florence Green, of the Ridgecrest City Council. Next, there will be a presentation of the colors by the High Desert Detachment of the U.S. Marine Corps Reserve and the Naval Air Facility Drill Team.

After an invocation by the Rev. Robert L. Johnson, pastor of the Grace Lutheran Church in Ridgecrest, Ted Edwards, Mayor of Ridgecrest, and Rear Admiral R. G. Freeman III, NWC Commander, are scheduled to speak.

#### Civic Leaders To Be Recognized

Next will be public recognition of civic leaders from surrounding communities and organizations that have held Bicentennial observances, and acknowledgement of the patrons and donors to the evening's festivities as well as the introduction of local descendants of those who fought in America's Revolutionary War. Eligible persons who have not yet signed up for the latter event may contact Lita Reid at 446-5756 if they wish to be singled out.

A highlight of the celebration will occur with the sealing of a 100-year time capsule (Continued on Page 8)

## nwc rocketeer

Naval Weapons Center  
China Lake  
California

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### Study being made of explosion hazards connected with transportation of LNG

A study which could change popular thinking about explosion hazards associated with tankers carrying liquefied natural gas (LNG) is being performed within the Explosives Branch of the Propulsion Development Department's Advanced Technology Division.

This safety study began in 1973 under the direction of Dr. Doug Lind, a senior scientist within the branch. He is being assisted by John Whitson, a physicist in the branch, and Bob Eggleston, an engineer with Code 4554.

The handling of LNG has become a controversial issue in Southern California because of potential safety problems, and hearings are slated late this month by the State Legislature to determine possible sites for the handling of tankers. Proposed sites include Oxnard, Los Angeles and Point Conception.

#### Major Area of Concern

According to Dr. Lind, most of the concern surrounding the tankers — the largest of which have the capacity to carry 125,000 cubic meters of LNG — is over the effects of collisions, although no such accidents have been reported among the giant ships thus far. At the present time, he said, most LNG tanker shipments come to this country from Algeria, but it is the intended exploitation of Alaska's North Slope, and subsequent shipments from a port in the southern part of that state, which has stirred interest in California.

The purpose of the study, which is being



**MAKING READY** — A plastic film hemisphere with a 10 meter radius is fastened to a wooden ring on a concrete firing pad in preparation for inflating it with a fuel-air mixture. The resultant "cloud" was later ignited by electric spark as part of the second phase of the "vapor cloud explosion study."

sponsored by the U.S. Coast Guard, is to determine the detonation and fire hazards associated with the marine transportation of large quantities of hazardous materials, such as liquefied natural gas. Properly called the "vapor cloud explosion study," it consists of three parts and may not be completed for another six months.

The first phase was an analysis of the problem (on paper) plus some small-scale laboratory studies on the detonation

properties of fuel-air mixtures. The results indicated how large a fuel-air cloud could be formed from a tanker accident, and how the clouds would drift with wind conditions.

It turned out that the clouds — though generally invisible — could be very large indeed: 2 kilometers by 2 kilometers by 20 meters thick, in the shape of a pancake.

The second phase of the study, designed to determine the combustion behavior of large quantities of fuel-air mixtures, began in the latter part of 1974 and was concluded during

(Continued on Page 4)

### Some commercial activities at NWC to be phased out

Based on the results of a recent study which examined all of the commercial activities at the Naval Weapons Center in light of the availability of similar services in the Indian Wells Valley, plans have been formulated to phase-out some of the Center's commercial activities.

The major change will affect the Fazio's Supermarket. It is anticipated that Fazio's will build a new modern facility in the Ridgecrest area and at that time, the Center facility will be reduced in size.

The Center will continue to evaluate both the needs and desires of NWC employees, and the availability of commercial goods and services. Where adequate goods and services are available in the City of Ridgecrest, current agreements with ESB concessionaires will be allowed to expire without renewal.

As required, goods and services, such as a small grocery convenience store, Child Care Center, barber shop and gas station and limited food services will continue to be provided at China Lake in support of the military personnel and civilian employees of the Center and their dependents.

### Fun-filled farewell party held for Charles P. Smith

How many would-be actors, comedians or satirical writers are to be found among the Naval Weapons Center's complement of scientists, engineers, administrators and technicians of various sorts would be impossible to estimate, but a number of them revealed this latent talent during a well-attended farewell party held last Friday night for Charles P. Smith, former head of the Naval Weapons Center's old Air Weapons Department.

Smith, who has hailed throughout the evening for his significant contributions to the advanced versions of the Sidewinder guided missile, will be leaving China Lake next Thursday, July 8, to go to work as a consultant for the Raytheon Co. at Bedford, Mass.

#### Contractor on Sidewinder

This firm, which is one of the contractors for the Sidewinder, also has been active in both the development and production of a number of missile systems including the SAM-D, the Hawk, and the air and sea versions of the Sparrow missile.

While a banner over the stage area on which a wide variety of awards and presentations took place carried the message, "Chuck made Sidewinder work over and over and over and . . ." during the nearly 26 years that he has been at China Lake, Smith also was the recipient numerous citations and commendations,

including the L.T.E. Thompson Award, for his involvement in many other weapons programs and systems.

In late 1953, three years after he came here, Smith was given responsibility for direction of the Sidewinder I missile flight test program and in 1956 was responsible for the development, testing and evaluation of the complete Sidewinder 1A missile system.

It was his concept that brought about a complete, comprehensive research, development and testing program which resulted in a new design of the Sidewinder

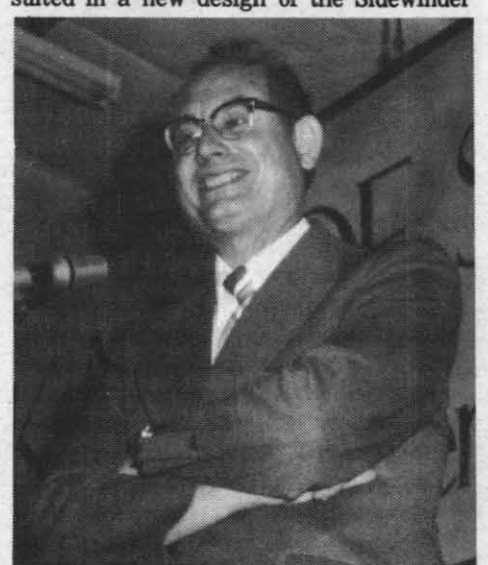
missile known as the Sidewinder 1C. In addition to carrying a heavy load of duties involving Sidewinder, Smith also provided in-depth technical advice to a division in the former Aviation Ordnance Department that was then developing a passive air-to-air radar missile.

In June 1960, Smith became head of what was called the Air-to-Air Weapons Division in the Weapons Development Department. In this position he was responsible for planning and conducting studies, research, exploratory development, and engineering development of aircraft and weapons systems using optical, laser and infrared technology.

Involved in Many Programs  
At the time of his appointment in June 1973 to department head status, efforts under Smith's direction included the YOY-10 Night Observation Gunship, the Bulldog missile, the Laser Target Designator System, Target Acquisition System, Sensor Technology, the A-6E and A-7E Target Recognition and Multisensor (TRAM) Systems, and a variety of other programs important to the nation's defense.

During farewell remarks to the throng of friends and well-wishers who attended Smith's party at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest, the honoree noted that he came here in 1950

(Continued on Page 4)



Charles P. Smith



**DIGNITARIES ATTEND** — Nearly 450 persons attended the grand opening of the new club for enlisted military personnel last Friday which was highlighted by a traditional ribbon cutting ceremony. Participants in this ritual were (l.-r.) FTCS Dave Vander Houwen, Senior Chief Petty Officer of the Command; Capt. R. N. Livingston, Commanding Officer of Air Test and Evaluation Squadron Five; Rear Admiral R. G. Freeman III, NWC Commander; Walt Schimke, club manager; and Capt. R. D. Franke, NWC Deputy Commander. After RAdm. Freeman cut the ribbon, guests danced to the music of Ronnie Thompson and his King Mac Band and enjoyed the club's special dining facilities. Construction cost of the club, which was completed on May 12, was \$1,150,000. —Photo by Sam Wyatt



Despite criticism

'Glorious Fourth' a tradition

The Glorious Fourth of yesterday will be reborn this July at the peak of the Bicentennial celebration.

Also add a bit of dissent, controversy, and protest. History records that this, too — seeing things another way — has had a long and traditional role in observances of Independence Day.

Sometimes the protest was merely aimed at long-winded speechifying that kept boys muttering and squirming on hot afternoons when there was more watermelon to be eaten, firecrackers to be lit, a mouthful of ice slivers to be begged from the ice wagon.

Fourth of July fireworks, increasingly outlawed, have always been an explosive issue and an endless worry, especially to parents. In the first 30 years of this



"This day should be commemorated as the day of deliverance, by solemn acts of devotion to God Almighty..."

John Adams (July 4, 1776)

century, fireworks killed 4,290 Americans, or almost as many as the 4,435 who died in the Revolution that Independence Day marks.

Criticism of a Fourth of July goings-on could be highly personal. Charles Biddle of Philadelphia heard the brand-new Declaration of Independence read to some of his fellow townspeople and declared, "There are few respectable persons present."

The date itself has always been controversial. John Adams, one of the Declaration's signers and the second President, thought Americans should celebrate on July 2, when the Continental Congress voted approval of the document.

Fourth of July celebrators were castigated in 1827 because they did not "refrain from spitting on that hallowed day." They were admonished in 1825 for not realizing that "public sentiment does not, at the present day, require that a man should get intoxicated to show his patriotism."

During those early celebrations, few citizens may have been brave enough to remind Fourth of July patriots that six months before the founding fathers approved the Declaration of Independence, they adopted a resolution protesting that they had "no design to set up an independent nation."

2 VX-5 Sea Cadets to return today after training at San Diego hospital

Two members of the VX-5 Sea Cadet Squadron will return today following two weeks of training at the basic hospital corpsman school at Balboa Hospital in San Diego.

Instruction in first aid and basic physiology was received by P02 Joe Klissus and Ed Crawford as a part of special summer training activity that is open to selected members of Sea Cadet Squadrons.

E3 Crawford, who has been a Sea Cadet for the past 18 months, hopes someday to become a doctor. P02 Klissus can look back on four years in the Sea Cadets, and was a member of a unit at the Naval Air Station, Miramar, before his father, Lt. Anthony J. Klissus, was assigned to duty with Air Test and Evaluation Squadron Five at China Lake a year ago.

Next, P02 Klissus will be leaving on Tuesday for Comox, Canada, where he will board the HMCS Quadra, a small Canadian

training craft, for two weeks of training as part of a Sea Cadet exchange program with this country's neighbors to the north.

In addition to E3 Crawford and P02 Klissus, two other members of the VX-5 Sea Cadet Squadron are getting a taste of active duty Navy training by attending two weeks at boot camp in San Diego. They are E2s Nick Gagich and Tony Borjan, both from Trona, who left this past Tuesday.

Young men interested in enlisting in the Navy have the opportunity, by joining and participating actively in the variety of training that is offered, to go on active duty as an E-3 (about 18 months to 2 years ahead of other Navy enlistees).

Additional information about the Sea Cadet program can be obtained by contacting Lt. A. J. Klissus, acting commanding officer of the VX-5 unit, by calling NWC ext. 5527.



The Rocketeer

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DEADLINES Tuesday, 4:30 p.m. Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material...

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.

Electronics Engineer, GS-855-12, No. 7639928, Code 3952 — This position is located in the RF Analysis Branch, RF Division, Weapons Department.

Military Personnel Clerk, GS-204-4 / 3, PD No. 7418096, Code 318 — This position is located in the Personnel Office at the Naval Air Facility.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.

Mechanical Engineer, GS-830-7 / 9, PD No. 7533107N / 7533103E, Code 3352 — This position is located in the Electromechanical Division of the Fuze Department.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.

Electronics Engineer, GS-855-9 / 11 / 12, PD No. 7455033, Code 5522 — This position is located in the Systems Electronics Branch, Engineering Design Division.

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



TOP BUYER HONORED — William M. McDonald, a purchasing agent with Code 2522, recently received a certificate and monetary award from Capt. F. E. McDonald, NWC Director of Supply...

Electrician, WG-2805-10, JD No. 180, Code 4553 — Incumbent performs journeyman electrician duties in various explosive processing laboratories and installs, repairs and maintains various power control systems.

Electronics Technician, GS-865-9, PD No. 7445943, Code 4541 — The Explosives Branch of the Propulsion Development Department is responsible for the testing and qualification for use in Navy weapons of all explosive formulations developed at NWC or from other sources.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 210, Ph. 2292.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2292.

Electronics Engineer, GS-855-9 / 11 / 12, PD No. 7455033, Code 5522 — This position is located in the Systems Electronics Branch, Engineering Design Division.

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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.

Red Sox rally...

(Continued from Page 6)

third to tie the score at 10-10. A double by David Murray drove in Maroon to win the game for the Red Sox.

David Wooten, the winning pitcher, struck out seven opposing batters in the three-inning game, while Killilea also did a fine job for the Dodgers by getting six strike-outs.

Results of other games played last week in the Major Division of the China Lake Little League were: Dodgers 15, Yankees 6; Red Sox 13, Tigers 1; Giants 8, Dodgers 1; Red Sox 13, Yankees 5, and Giants 5, Tigers, 1.

In Minor Division action, the White Sox clinched the season title as they picked up a pair of wins by scores of 15-11 and 16-6 at the expense of the Orioles and Eagles, respectively.

This boosted the White Sox record for the second half of play to 7 wins and 1 loss, and placed them just one game ahead of the Indians, who had a 6-2 slate.

Scores of other Minor Division games played during the final week of the season were: Indians 20, Eagles 5; Cardinals 15, Orioles, 11; and Indians 27, Cardinals, 9.

Standings at the end of the past week's play, including Monday night's Red Sox vs. Dodgers tilt in the Major Division, were as follows:

Table with columns: Team, Major Division, Won, Lost. Rows include Red Sox, Giants, Tigers, Dodgers, Yankees, White Sox, Indians, Orioles, Cardinals, Eagles, Cubs, Reds, Padres, Terriers, Astros, Lions, Royals.

Softball tourneys...

(Continued from Page 6)

12-team women's softball tournament will take place here. Three local teams are slated to enter this tourney, but at press time it wasn't yet known which ones they would be.

Finally, on July 30, 31 and Aug. 1, China Lake will play host to its first slow pitch softball tournament in which a total of 16 teams will be entered.

6 local Judo Club members shine in Lancaster tourney

Robert Black won a gold medal, and his five teammates from the China Lake Judo Club also did well at a tournament sponsored last Sunday by the Antelope Valley YMCA in Lancaster.

Young Black, 10, came out tops in his age and weight division by defeating six out of seven of his competitors in this event. A total of about 80 judo enthusiasts participated, representing eight clubs from Southern California and Nevada.

All five other local judoka who participated in the tournament also won medals. They were Teresa Brown, silver; and Roger Butterfield, and Karl, Martha and Mary Nickles, bronze.

Helping to officiate at the Lancaster event were three senior members of the local club, Vickie Black, Maryann Butterfield and Georgia Klassen.

Instruction at the China Lake Judo Club, which is sponsored by Special Services, is given by Ernie Smith, holder of a fourth degree black belt. Classes are held at the Youth Gym on Mondays and Wednesdays between 5:30 and 7:30 p.m. Persons of any age who are interested in learning the sport may obtain additional information by calling Vickie Black at 446-5286.

"I like to get involved in things."

So says Bill Arnold, head of the Engineering Department's staff and an active volunteer for Help Line, the local crisis and intervention phone service.

Bill has been "keeping the department head out of trouble" since 1966 by making sure that the various aspects of his office's work — personnel, budget, security, and facilities — keep running smoothly.

A native of Menomonee Falls, Wis., Bill served in the Navy for 14 months at the end of World War II as a member of a ship repair unit in the Philippines. Upon his discharge from the service, he decided to take advantage of his G.I. Bill educational opportunities by attending the University of Wisconsin in Madison.

Bill chose to study labor economics because his ambition was to be a union organizer. "I was a liberal, but when I got my B.A. degree in this field," he says, "I found it was a tough field to get in because you had to join the shop and get elected to the position. In effect, the union organizer's post is a political job."

Upon graduation in 1953, and after a particularly cold winter in Madison, Bill came to California and hasn't been back to Wisconsin since.

First Job in California

His first job in his adopted state was as a budget analyst at McClellan Air Force Base in Sacramento. With career possibilities in mind, though, Bill soon took the Civil Service entrance exam, did well, and was immediately snapped up by the (then) Naval Ordnance Test Station at China Lake.

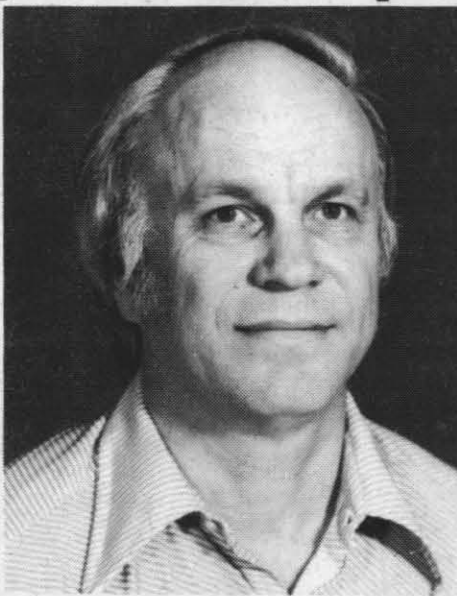
It was in 1954 that Bill first arrived here, and immediately began his training in the Junior Government Assistant Program, forerunner of the Management Intern Program. Upon its completion, he worked as an administrative assistant for the Air Weapons Division of the Rocket Development Department "at the time when the first Sidewinder went out to the Fleet."

"China Lake at that time wasn't too good a spot for a bachelor, and, besides, I got quite a good offer," says Bill in explaining why he left the area in 1956 to accept a position in the Philippines as administrative officer for the Naval Supply Depot at Subic Bay.

In 1957, after 14 months overseas, Bill returned to the United States to work for the Lockheed Missiles and Space Co. in Sunnyvale as an administrative officer. He remained with that firm while it was developing and producing the Polaris missile for the Navy.

It so happened in 1966, however, that Bill came to China Lake again on a visit to his sister, and while here he talked with John Cox, who was then associate head of the Engineering Department. Cox asked Bill to come back to work here and he agreed. One

Employee in the spotlight



Bill Arnold

of the factors that influenced his decision was the fact that he could return to school while working. He received his M.A. degree in public administration here through the University of Southern California graduate program in 1970.

As part of Bill's involvement philosophy, he has been a volunteer for Help Line since 1966, and is now on its board of directors. He says that most calls fall into one of two

categories; either a request for information about social services available in the local community or "a desire to talk to somebody who's willing to listen."

Volunteers to man the phones are needed at this time, according to Bill. Interested persons may call Help Line at 446-5531. The line is manned daily between the hours of 7 p.m. and 6 a.m.

Equal Rights Advocate

Another cause to which Bill has dedicated himself has been equal rights. A present member of the local NAACP chapter, he is a former member of the Center's Equal Employment Opportunity Committee, and, in 1968, became one of the five founders of a Ridgecrest-China Lake sub-unit of the Los Angeles-based Join Hands, a service organization dedicated to the furtherance of equal rights for all Americans.

Bill says his concern for equal rights developed while he was in the Navy, because the ship repair unit he was a member of was an integrated group. "I never spoke with a black person until I joined the Navy because in Wisconsin our family didn't know any blacks."

When he has some spare time, Bill, his wife, Sandy, and their children, Lori, 17, and Bobby, 9, like to go camping in the Mammoth Lakes area.

Promotional opportunities...

(Continued from Page 2)

maintainability and reliability, improve performance, and reduce costs; tests to determine adequacy of design; and develops plans and implements interface control documentation.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2725.

Supervisory Personnel Management Specialist, GS-301-12 or 13, PD No. 7445934, Code 65 — This position is head of a Personnel Service Division in the Personnel Department.

Engineering Data Management Specialist, GS-301-5 / 7, PD No. 7455098, Code 5551, 3 vacancies — Position is located in the Data Planning and Coordination Branch, Technical Data Division, Engineering Department.

File applications for the above with Carol Downard, Bldg. 34, Rm. 206, Ph. 2577.

Clerk-Typist, GS-322-4, PD No. 7451022N, Code 40507 — This position is located in the A-GE Tram Technical Coordinator Office, Laser / Infrared Systems Division, Systems Development Department.

Supervisory Technical Manuals Editor (Engineering), GS-1083-12 / 13, PD No. 7555085, Code 5554 — This is a temporary vacancy not to exceed one year.

Editorial Assistant, GS-1087-4 / 5, PD No. 4960035N, Code 408 — (part time-36 hrs.) This position is located in the Aerothermo-Chemistry Division, Research Department.

File applications for the above with Charlotte Siewicki, Bldg. 34, Rm. 204, Ph. 2718.

Clerk-Typist, GS-322-03 / 04, PD No. 7470030-3, Code 7003 — This position is located in the Public Works Department, Maintenance Control Division, Work Input Control Branch.

Housing Project Manager, GS-1173-9, PD No. 7670022, Code 7051 — The incumbent directs the Facilities Management Branch, Housing Division, Public Works Department and is responsible for all housing maintenance and repairs, rehab of vacant units, short and long range maintenance requirements, budget expenditure, tenant improvement projects, and development of contract proposals.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 212, Ph. 2022.



JUDO MEDALISTS — Showing their winning form after doing well at a tournament held last Sunday in Lancaster are Martha Nickles (with back to camera) and Teresa Brown, as fellow China Lake Judo Club members (l.-r.) Karl Nickles, Roger Butterfield, Robert Black and Mary Nickles look on. All six judo enthusiasts won medals in the tournament, which was sponsored by the Antelope Valley YMCA. —Photo by Ron Allen



### Red Sox stage rally against Dodgers, win Major Div. crown

A three-run rally in the last inning of a previously-protested game enabled the Red Sox to edge the Dodgers, 11-10, on Monday night and thereby win the 1976 championship of the China Lake Little League's Major Division.

Monday night's action was resumed in the fourth inning, with the Red Sox out in front, 8-5. Not too impressed by the Red Sox credentials (even though the Sox had won the first half title), the Dodgers, who are just one game out of the cellar in the Major Division, scored three times in the fourth inning to tie the score at 8-8.

The next time they were at bat, the Dodgers tallied two more runs to go ahead, 10-8.

With the title on the line, the Red Sox proved they had what it takes to be the champs by scoring three more times in the sixth and final inning to win the game, 11-10.

Todd Kaufman, lead off man for the Sox, drew a walk to start things off in the bottom of the sixth and then scored moments later when John Lloyd connected for a 2-base hit.

Sam Maroon bunted and made it safe to first enabling Lloyd to advance to third, but there was now one out since Dave Killilea, the Dodgers' pitcher, had struck out a batter.

Dave Vigneault, the next player up for the Red Sox, laid down a bunt and was thrown out at first as Lloyd scampered home from (Continued on Page 7)



**WORLD CHAMPS** — A new world record for an 8-man "masters" team competing in a 24-hour relay race was set by an Over-the-Hill Track Club entry in last weekend's competition sponsored by the Victorville Parks and Recreation Committee and "Runners' World Magazine." The team members — all of whom are over 40 years of age — are (kneeling, l.-r.) Dick Wisdom, John Anderson, "Scotty" Broyles, and (standing) Bill Alltop, Ray Jacobson, Norm Nieberlein, Dave Rugg and Joe Kovar. Standing in front of Kovar is Dan Rugg, who served as a timekeeper in the relay. —Photo by Eric Kajiwara

### 2 Over-the-Hill Track Club teams set records in Victorville relay

Two local teams representing the Over-the-Hill Track Club turned in outstanding performances in last weekend's 24-hour relay race held in Victorville by taking the first place trophy and setting a new world record in their respective events.

The race, sponsored jointly by "Runners' World Magazine" and the Victorville Parks and Recreation Committee, saw 14 teams from all over Southern California compete in near-100 degree temperatures beginning on Saturday morning and continuing

### Archery deer hunting season opens Sat. in state's coastal area

Archery deer hunting will open Saturday in the early season or coastal area of California, the Department of Fish and Game reminds the state's 25,000 to 30,000 bowhunters.

The bag limit is two bucks, forked horn or better, during this season which will continue through July 19.

Archers bagged 294 deer in California last year, the DFG said, on the basis of tags returned by successful hunters. The top early season producer was Mendocino County, where 24 bucks were reported taken by bow and arrow.



### Wilt's Corner

### 14 NWC all-stars to be chosen for slow pitch tourney

An NWC all-star team will be selected next week to participate in the 11th Naval District's Northern Area slow pitch softball eliminations to be held July 12 to 16 at the Naval Support Activity, Long Beach.

Those who are trying out for the NWC team are Darrell West, Rick Booth, Greg Pecheos, Hal Wakefield, Tim Cooksey, Gerald Hart, George Davis, Kelvin McSwain, Dennis Murphy, Mike Fitzgerald, John Stubblefield, Jim Erdman, Steve Jones, Sam Thompson, Steve Metzler, Dalton Mann, Rick Adams, Charles Barrows, Tom Hodge, Tom Brophy, Ken Rogers, Craig Hiller, Dave Crandall, Rich Schlehber, Ken Bishop, Louis Paul and Louis Kilpatrick.

The NWC team roster will be limited to 14 players. In addition, Lt. Ron Hill will serve as coach and Jim Helton as manager.

The top two teams which emerge from the Long Beach competition will participate in the Pacific Coast slow pitch softball championships to be held Aug. 2 to 6 at the Naval Station San Diego. These events are restricted to active duty military personnel.

### Tennis Event Slated

The China Lake Tennis Club is sponsoring a social tennis event for its members on July 10 from 8 a.m. to 6 p.m.

Signups will be taken at the Youth Center during the period July 6 to 8 between 2:30 and 4:30 p.m. and 6:30 and 9:30 p.m. Entry fee will be \$1 per player plus a can of balls. Participants must be members of the club.

The CLTC has arranged for living accommodations to house 28 local persons who have signed up to participate in the third annual Mammoth Lakes Open Tennis Championships slated for July 16 to 18.

### Hare today, gone tomorrow — rabbit hunt season to open

Brush, cottontail and pigmy rabbits and varying hare become fair game on Saturday throughout California except in Los Angeles County, southeastern Kern County and those portions of Riverside and San Bernardino Counties west of Highway 395.

The season in Los Angeles County and in parts of the other three counties will open Sept. 1. Bag and possession limit in both seasons is five per day. The seasons will close Jan. 30, 1977.

Jackrabbit season in the above-mentioned areas of southern California will be delayed until Sept. 1, the Department of Fish and Game said. This season, too, will run through Jan. 30, 1977.

### 3 softball tourneys set at NWC in July

July will be softball tournament month at China Lake with no less than three such major events scheduled.

The first tournament this month will be held on the weekend of July 16, 17 and 18, when a total of 24 fast pitch teams from 14 cities throughout California and Nevada will be here to compete.

The local area will be represented in the fast pitch tournament by Graham Associates, Western Auto, Antu Cement and the Homestead teams.

On Saturday and Sunday, July 24 and 25, a (Continued on Page 7)

### Intramural League softball standings

Results as of Tuesday, June 29.

Team	Won	Lost
<b>Men's Fast Pitch Division</b>		
Western Auto	11	4
Antu Cement	8	6
John's Pizza	8	6
Roaches	7	8
Homestead	4	9
NAF	4	9
<b>Women's Fast Pitch Division</b>		
Comarco	9	0
VIPS	7	3
Hideaway	6	2
Betty Broads	6	3
Pearl's Girls	5	5
T. J. Frisbee	5	6
VX-5	3	6
Down & Outers	2	7
Ricardos	1	9
<b>Slow Pitch National Division</b>		
Bird Olds	8	1
D.E.C.	6	3
VX-5	4	4
Wet Pets	2	7
Seabees	1	8
<b>Slow Pitch American Division</b>		
Pizza Villa	8	1
Panama Red Sox	7	3
Stare Montagne	6	3
Dispensary	4	4
Knights	2	6
NWC Zeros	1	8



**RECORD BREAKERS** — The Over-the-Hill Track Club's 10-man "A" team set a new area track record last weekend at Victorville's 24-hour relay race by running 237 miles, 1,740 yards in the allotted time. Shown holding the team's first place trophy is Dan Eidem, Jr., who served as a timer for the event. Pictured with him are winning team members (kneeling, l.-r.) Frank Freyne, Paul Tjogas (and, to young Eidem's left) Eric Kajiwara and Luke Crews. Standing are Dan Eidem, Dave Maddox, Byron Richardson, Steve Bovee, Jim Dixon and Mike Goldkamp.

### ADJ1 John Smith singled out as Bluejacket of Month for July

Jet Engine Mechanic First Class John Smith, assistant supervisor of the Naval Air Facility's Quality Assurance Branch, has been selected as the Naval Weapons Center's Bluejacket of the Month for July.

His job — which also includes duties as a quality assurance inspector — entails responsibility for the inspection of power plants and related systems for 11 different aircraft models. In addition, he monitors the fuel sampling, oil analysis, foreign object damage prevention, and plane captain surveillance programs at NAF.

ADJ1 Smith assumed his present duties in November of last year, after serving for about eight months as NAF's Cold Line Transport Supervisor. In that capacity, he was in charge of crews that worked on the Convair C-131 and the Cessna U-3 aircraft.

The 16-year Navy veteran says he likes his job "because it demands a lot more technical knowledge than strictly a mechanic's responsibilities do. There's a lot of satisfaction in knowing I'm sending up a safe plane. And I work with a good group of people, too."

### Basis for Selection

His division officer, Lt. L. M. Hezlep, wrote about ADJ1 Smith in a letter of nomination, "His dedication to his job has resulted in the discovery and correction of several unsafe conditions involving aircraft turn-ups which could have caused injury to personnel or damage to government equipment if not corrected."

The Rockport, Tex., native enlisted in the Navy in 1960 "because I got tired of school and wanted to see the world. I've since earned my high school diploma through correspondence courses."

ADJ1 Smith's first assignment was as a machinist's mate striker aboard the USS Cacapon, a Fleet oiler homeported in Long Beach. He soon decided, however, that a life below the decks wasn't for him, and that he wanted to go into the aviation field. This he did with Fleet Tactical Support Squadron 1 at Patuxent River, Md., and Norfolk, Va. He still describes that assignment — his first flight crew duty — as the most memorable part of his Navy career.

During the Vietnam War, from 1971-74 ADJ1 Smith was stationed at Cubi Pt., Philippines, where he was a loadmaster with Fleet Tactical Support Squadron 50 on the C-2A Greyhound aircraft. This unit flew supplies and mail to American aircraft carriers in the South China Sea. Upon the completion of this assignment, he reported

### Physical exams set for dependents of military personnel

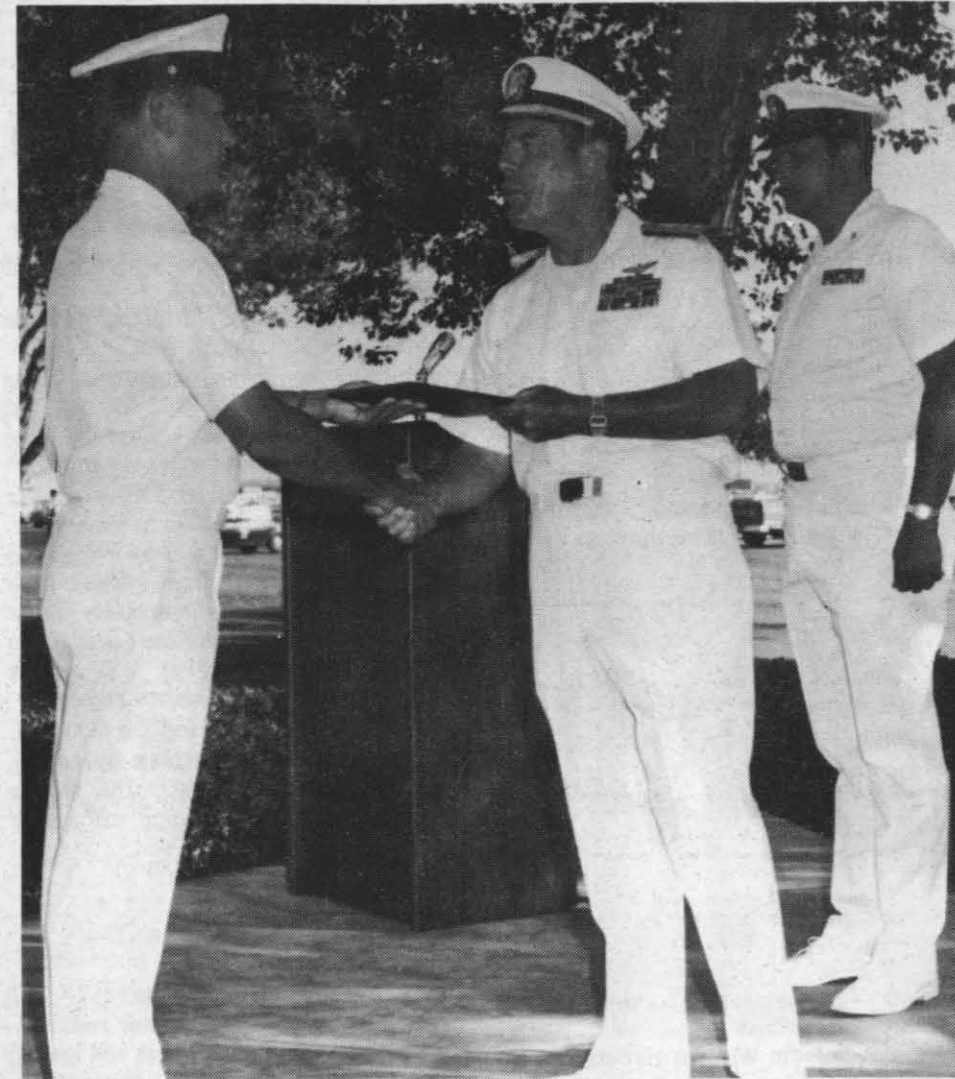
Physical exams for dependents of active duty and retired military personnel who must have either pre-school physical exams, or physical exams as a prelude to competing in school athletic programs, will be given on Thursday and Friday, July 15 and 16, at the local Branch Clinic of the Navy's Regional Medical Center in Long Beach.

Those whose last names begin with the letters A through J should report for their physical exams on July 15, while those with last names that begin with the letters K through Z are to report on July 16.

Parents or guardians of students who must have physical exams should obtain the necessary application forms from school officials, and then make sure that any required laboratory work at the local Branch Clinic is taken care of on Monday, Tuesday or Wednesday, July 12 through 14.

Any school children who do not get their physical exams on either July 15 or 16 will be required to obtain them from another source, since the Branch Clinic will not conduct such exams at a later date.

Due to the transfer of medical officers, the physical exams can only be given on the two above-listed dates, it was emphasized by LCDr. E. J. Hayes, the Branch Clinic's administrative services officer.



**CONGRATULATIONS IN ORDER** — Rear Admiral R. G. Freeman III, NWC Commander, presented his congratulations and a Navy Achievement Medal on behalf of the Secretary of the Navy to AMCS Walter D. Hall during a ceremony held last Friday. The latter was commended for his outstanding performance of duty as NWC's first Senior Chief Petty Officer of the Command as he prepared to leave for a new duty assignment. AMCS Hall has been succeeded by FTCS Dave Vander Houwen (at right) as the new Senior Chief of the Command at China Lake.

### Navy Achievement Medal presented to first Senior Chief of Command

Presentation of a Navy Achievement Medal to Chief Aviation Structural Mechanic Walter D. Hall highlighted a ceremony held last Friday during which AMCS Hall was replaced as the Naval Weapons Center's Senior Chief Petty Officer of the Command by Senior Chief Fire Control Technician Dave Vander Houwen.

The medal for AMCS Hall, who was NWC's first Senior Enlisted Advisor and Senior Chief Petty Officer of the Command, was presented to him by Rear Admiral R. G. Freeman III, NWC Commander, and took place just prior to Chief Hall's departure from China Lake for duty with Attack Squadron 113 at Naval Air Station, Lemoore, Ca.

In the citation from the Secretary of the Navy that accompanied the Navy Achievement Medal, AMCS Hall was commended for his "exceptional organizational ability and resourcefulness in establishing and carrying out the procedures and functions of his office" as well as for "contributing significantly to the welfare and morale of enlisted personnel and their dependents."

In addition, Senior Chief Petty Officer Hall was cited for initiating a successful training program which enabled him to communicate effectively with personnel on

a one-to-one basis as well as with groups, and for retaining outstanding proficiency in his rate.

"His diligent efforts and resourcefulness inspired all who observed him and contributed significantly to the mission of the Naval Weapons Center," it was further noted in the citation.

In his brief farewell remarks, AMCS Hall, who is a veteran of 22 years of service in the Navy, noted that "being the Senior Chief Petty Officer of the Command has been the most important and rewarding phase of my career, and has left me with memories of people and events I shall never forget."

With the time at hand to move on, AMCS Hall added that he was "leaving with mixed emotions of sadness and anticipation — sadness because of having to leave the many military and civilian friends that my wife and I have made during our three years at China Lake, and anticipation at the prospect of finding out first hand, in the Fleet, if the missiles and weapons that are developed here really work as advertised."

He was leaving, AMCS Hall said, with the assurance that FTCS Vander Houwen will have the continued and active support of all concerned during his tour as the Senior Chief Petty Officer of the Command.

### 4th of July Holiday business hours

Following are the hours of operation of business and recreation facilities at the Naval Weapons Center during the Independence Day holiday on Monday:

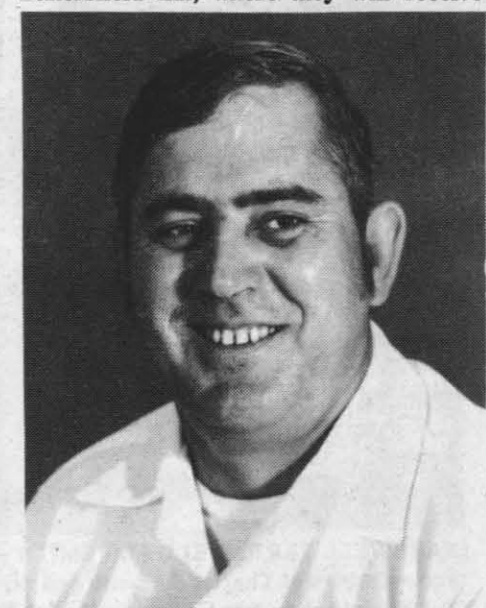
Facility	Hours
Hall Memorial Lanes and Snack Bar	11 a.m. to 11 p.m.
Golf Course	6:30 a.m. to 8:30 p.m.
Theater	Regular hours
Fazio's Market	10 a.m. to 7 p.m.
Indoor Pool	noon to 6 p.m.
CPO Club Pool	noon to 6 p.m.
COM Pool	11 a.m. to 8 p.m.
Gymnasium	11 a.m. to 7 p.m.

The remaining facilities will be closed on Monday. They are the Commissary and Navy Exchange, Barber Shop, Beauty Shop, Child Care Center, China Lake 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 and Naval Air Facility Snack Bars.

for duty at China Lake in April 1975.

ADJ1 Smith lives in Navy housing with his wife, Phyllis, and children, Jeffrey, 13, James, 11, and Laurie, 10. For recreation, the entire family enjoys going camping in Kennedy Meadows.

As a result of his selection as Bluejacket of the Month, he and his wife will be the guests of the Greater Bakersfield Chamber of Commerce some weekend soon. While visiting that city, they will be hosted at the Bakersfield Inn, where they will receive



ADJ1 John Smith

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, ADJ1 Smith will have the loan of a new Ford automobile from Desert Motors in Ridgecrest.

In addition, he will receive a letter of congratulations at quarters and his photograph will be posted on the NAF bulletin board.



Men and officers of diverse national backgrounds were instrumental in helping the Colonists win their independence from England.

Tadeuz Kosciusko, Polish patriot who espoused the cause of liberty for all men, came to America in 1777 to fight for the infant nation. His abilities were recognized — he became a brigadier general in Washington's army.

The Marquis de Lafayette became a major general in the Continental Army on July 31, 1777. The value of the French nobleman's gesture of crossing the ocean to join the Colonists' forces was as much benefit to the young nation's morale as his military skills were to its army.

Baron Frederic William Augustus Steuben, formerly on the staff of Frederick the Great, offered his services to Congress and to Washington; he was appointed Inspector General on Dec. 13, 1777. While he was in this office, he wrote a manual of tactics for the Continental Army, remodelled the organization, and improved its discipline. He eventually received a command in Virginia and took part in the siege at Yorktown.

Two of these leaders, Kosciusko and Lafayette, returned to their own countries to continue their battle for human rights and freedom. Baron Steuben settled in New York on land given him by a grateful Congress.





**FAREWELL PARTY HELD FOR SMITH** — Co-workers, friends and neighbors of Charles P. Smith and his family gathered last Friday night at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest for a lengthy farewell party honoring the former NWC department head. The above photos were taken during the presentation of many and varied awards and mementos which Smith and his wife, Theora, received. In the top row of photos (l.-r.) Smith was the recipient of an NWC plaque from Rear Admiral R. G. Freeman III, NWC Commander; a model of the Sidewinder 9B and 9D missiles from Jim Bowen, and a newly-designed Test

and Evaluation Department plaque from William Hattabaugh, the head of Code 37. In the photo at lower left, Paul Homer (seated) and Gene Younkin are shown during a comedy skit in which they enacted the roles of Dr. Walter LaBerge and Charles Smith, respectively. To help the Smiths remember their many years at China Lake, a painting of a desert scene was presented to Mrs. Smith by Leonard Haugen and (in the photo at lower right) Smith displays an automobile cruise control device that was presented to him by Dr. G. L. Hollingsworth, NWC Technical Director. —Photos by Sam Wyatt

## Ex-department head bid fond farewell . . .

(Continued from Page 1)

thinking of it as a temporary place to work. "I figured," Smith said, "when the work ceased to be interesting, then it would be time to move along. The work hasn't ceased to be interesting to me, and I hate to disillusion you, but I'm leaving because the pay is better.

"China Lake has been a great training ground, and working here has been a privilege," the honoree continued, adding that saying goodbye after so many years was an emotional experience.

### Mixed Emotions

"Looking back on 26 years here, I've had a chance to become part of you. I'll remember that with happy thoughts and be sad at leaving," Smith continued. "I'm also remorseful and wonder, after so many years, what I've left behind of the things that are really important in life.

"I'd like to have left more of my faith in God—that is something I would like to have seen—but I leave you with the thought that He does care and look after everyone," Smith concluded as the party-goers rose to give him a standing ovation.

At the farewell party with Smith were his wife, Theora, their two daughters, Shirley and Bonnie, who are 21 and 19 years of age, and a son, John, who is 16. The family will be making its new home in Harvard, Mass.

Mickey Benton, as master of ceremonies, and Phil Arnold, orchestrated the evening's festivities, which were enlivened at periodic intervals by balladeer "Bud" Sewell, who accompanied himself on the guitar as he sang a parody recalling past events in the saga of C. P. Smith at China Lake.

### Humorous Highlight

Among other humorous highlights of the evening were a fictitious interview with Smith reported aboard as a junior professional and met Dr. W. B. LaBerge, his first supervisor who later went on to become an NWC Technical Director. The roles of Smith and Dr. LaBerge were enacted by Gene Younkin and Paul Homer, respectively.

Frank Cartwright, who was prominent throughout the evening, presented a series of cartoons drawn on vu-graphs that portrayed Smith's key role in the Sidewinder

program and, at one point, called upon a special agent from the audience to reveal some hitherto "highly classified" information. The latter was Vice Admiral William J. Moran, USN (Ret.), NWC Commander from 1970-72, who had returned for this special occasion honoring Smith.

### Old Anecdote Recalled

Among Phil Arnold's contributions to the evening's hilarity was a true story testifying to the noted thoroughness and length of the presentations Smith frequently was called upon to make for the benefit of distinguished visitors.

Smith, it turned out, has the distinction of being the only man to talk a target drone out of the air, Arnold recalled, since it was during one of these descriptive presentations that a pilotless target aircraft allegedly ran out of fuel and crashed in full view of the spectators before the pilot in the missile-carrying plane received the message to fire.

The first gift presentations of the evening were made by Rear Admiral R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director, who gave Smith an NWC plaque and a cruise control device for his automobile, respectively.

### Many Other Gifts Presented

The many other gifts and special awards showered upon Smith during the 2½-hour-long party included the following:

An "Honorary Instant Contracting Officer" certificate from Capt. F. E. McDonald, NWC Director of Supply; a model of the AIM-9L Sidewinder from Burrell Hays, head of the Engineering Department; an NAF plaque from Cdr. M. W. Dixon, and a Sacred Order of Dust Devils certificate from W. B. Porter, head of the Weapons Department.

A newly-designed Test and Evaluation Department plaque was presented to Smith by W. R. Hattabaugh, department head; and James A. Bowen gave the guest of honor a plaque on which was mounted models of both the Sidewinder 9-B and 9-D.

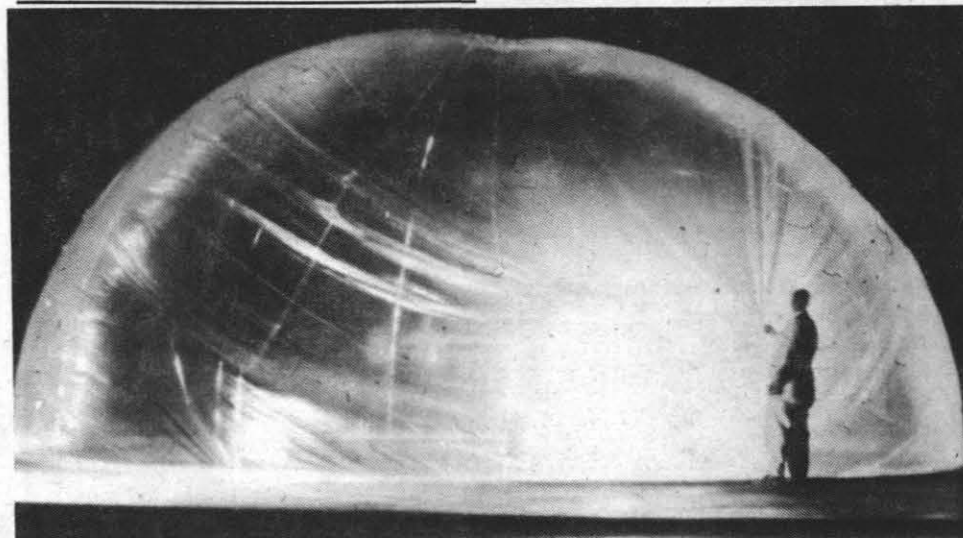
Dick Boyd's contribution to the Smith collection of memorabilia from China Lake

was a framed and glass-covered Sidewinder organization chart; Nancy Carter presented Smith with a "Sainted Society of the Sidewinder" certificate; there was a Technical Information Department scrapbook for Smith which was given to him by Frank Cartwright on behalf of TID; and Gene Younkin had a model of the Agile missile for the guest of honor.

### Instruction for Secretaries

A letter of instructions for anyone who might in the future work as a secretary to Smith was read and presented by Dorothy Tidewell, who later was joined by Barbara Harrison in presenting Mrs. Smith and the Smith's three children with a number of gifts from the Maturango Museum to remind them of their many years at China Lake. In this same vein, a painting of a desert scene was presented to Mrs. Smith by Leonard Haugen.

Smith's fondness for tinkering wasn't overlooked by his many friends and co-workers who, as the final gift of the evening, wheeled in an old, broken down used car for Smith to while away his time getting back into running shape prior to leaving the Naval Weapons Center.



**EERIE SCENE** — A member of the firing area crew inspects a partially-filled plastic film hemisphere of 5 meter radius. When filled with its fuel-air mixture it was ignited in order to determine the combustion behavior of large quantities of such mixtures. These tests were conducted (and this photo was taken) at night because the light blue flame which resulted is only slightly luminous, and photographs poorly in daylight.

## Except for Pub, COM to be closed on holiday weekend

The Commissioned Officers' Mess, except for its Pub, will be closed on Saturday, Sunday and Monday in observance of the Independence Day holiday.

The Pub will be open for dining on those days from 11 a.m. until 7 p.m.

According to Dick Youngman, China Lake Director of Clubs and Messes, last Saturday's Hawaiian luau held at the COM "was an outstanding success, with 201 guests in attendance." He said a similar event will be held sometime in September.

The COM is planning a theater night on Saturday, July 10, for those persons who will be attending the Community Light Opera and Theater Association's production of "1776" that evening at 8:15 at the Burroughs High School lecture center.

Persons desiring to attend the 6:30 p.m. dinner may place reservations by calling Debbie Cattern at 446-2603. The COM's regular activities that evening will not be interrupted.

## Special study . . .

(Continued from Page 1)

May of this year.

In it, plastic film hemispheres — the largest of which had a 10 meter radius — were inflated with the mixtures and ignited by electric spark at one of the range areas. The results were observed with high-speed photography and pressure transducers (devices used to measure the force of blast waves).

After testing methane (natural gas), propane, ethylene, acetylene, butadiene and ethylene oxide, it was concluded that no blast wave or detonation occurred, and all tests burned quietly. And, although fire did result, this potential hazard is less than that which would be expected from a detonation.

Dr. Lind adds an important qualification to this rather surprising finding: that is, fuel-air clouds spark-initiated in the open will not detonate. This point does not, however, detract from the — in effect — optimistic tenor of the study's findings, because any gas clouds formed from a tanker collision would be released into the open air.

### Further Testing Scheduled

Testing in the third phase, scheduled to begin the first week of August, will stress formation of gas clouds under more realistic conditions. Instead of using hemispheres again, Dr. Lind's group will spill LNG on water and allow the cloud to form naturally. The spill test site will be a 150 ft. by 150 ft. pond in a range area at NWC.

Dr. Lind doesn't anticipate that these spill tests will alter the phase II findings significantly. Since a detonation is not expected, the study has been enlarged to concentrate on the fire hazard of fuel-air mixtures by measuring how much heat is given off during their combustion. This aspect of the study will be conducted during the spill tests.



**DISTINGUISHED VISITOR AT NWC** — The Honorable H. Tyler Marcy, Assistant Secretary of the Navy for Research and Development, was here last week for two full days of concentrated briefings on the wide variety of weapons development programs being conducted at the Naval Weapons Center. Shown above, he is seated in the cockpit of the A-7 simulator as he listens to an explanation about the use and operation of the simulator from Rob Lubben, a supervisory mathematician in the A-7 Program Office. In the background is Capt. James Organ, executive assistant to Mr. Marcy. —Photo by Ron Allen

## Happenings around NWC

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of Esther MacLaughlin, 74, a retired employee of the old Test Department, who died on June 21 in Lancaster, Ca.

GEBAA 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. 370.

Mason stated that a new membership drive is now under way, and also urged present GEBAA and CLMAS members to check to make sure that up-to-date information regarding their beneficiaries is on file.

He can be contacted after working hours by calling 446-4794.

### Ice Cream Social Planned

Plans are under way for the Protestant Women of the Chapel's annual ice cream social, which will be held on Tuesday, July 20.

This popular event, which features ice cream, cake, pie, coffee and punch, accompanied by music and games, will be held on the lawn of the All Faith Chapel from 6 to 8:30 p.m.

Donations of 75 cents for adults and 35 cents for children 11 years of age and under will entitle those attending the ice cream social to a single serving of ice cream with either cake or pie and coffee or punch.

Tickets to the ice cream social will go on sale following the Protestant Congregation services on Sunday, and be available thereafter during weekdays at the All Faith Chapel office, which is open from 7:30 a.m. to 4:30 p.m.

Money raised by the ice cream social will be donated to the Protestant Congregation's mission projects.

### "Navy Night" at Sea World

Tickets are still available this afternoon at the Community Center for a gala Fourth of July "Navy Night" party at Sea World,

hosted by the 11th Naval District Special Services.

The event offers active-duty and retired military personnel, civilian DoD employees, and dependents a spectacular evening of entertainment at special admission rates. Adult tickets are \$3.25, children 4 through 12 years of age will be charged \$2.25, and children under 4 will be admitted free. Tickets for this event will not be sold at Sea World.

Families that attend "Navy Night" from 8 p.m. until 1 a.m. will have the opportunity to enjoy all of Sea World's exciting shows, fascinating exhibits and fun-filled attractions, plus a fireworks show after dark, and a free ride on Sea World's American Airlines Flagship Tower.

### VX-5 Sailors Advanced

The following Air Test and Evaluation Squadron Five personnel were advanced to their present rates at quarters on June 16: AMS3 Salvador F. Adona, TAD to the Naval Air Facility tire shop; AE1 James L. Dawson, electric shop; ADJ2 Harry G. Beesley, power plants; AT2 Leville Baty, line; and AMH2 Douglas G. Peratovich, airframes.

AMH1 Jesse J. Rogers, of VX-5's phase crew office, received his second Good Conduct Award, and AMH2 Felixberto DeLeon, of airframes, received his first such award.

### Youth Center To Be Closed

The Youth Center will be closed on Monday, Tuesday and Wednesday while all game tables are being recovered.

Beginning Thursday, July 8, the facility will be open from noon to 4:30 p.m. and from 6:30 until 9:30 p.m. These hours will be in effect for the duration of the regular school summer vacation.

### Aetna Insurance Agent Due

Loni Kivett, the Aetna Insurance representative, will be at the Community Center next Friday, July 9, from 10:30 a.m. to noon.

## Visitors to Sequoia National Forest requested to exercise extreme care

Fire restrictions are not anticipated on the Sequoia National Forest during the Fourth of July weekend, according to Forest Supervisor John A. Leasure. "However," he noted, "if weather conditions take an extreme turn for the worse, fire restrictions could be implemented." "We're expecting a large number of visitors to the forest over the holiday weekend. If at all possible, we want to avoid fire restrictions so visitors may more fully enjoy their stay on the Sequoia National Forest. Forest visitors," continued Leasure, "can help prevent fires by using extreme care with any fire."

### Campfire Permits Required

Under existing fire regulations, visitors must obtain a campfire permit for any fire outside a designated campground. Permits can be obtained from any Forest Service Office. Other regulations prohibit smoking while walking or riding through the forest except in vehicles equipped with ash trays. Forest Service-approved spark arrestors are required on all vehicles except automobiles.

Leasure offered these fire safety suggestions:

Make a ten-foot clearing for your campfire.

Keep your fire small.

Be sure your fire is dead out when you leave.

Use water and dirt to extinguish the fire. Keep a shovel and bucket of water handy. Smoke only in cleared areas.

Be sure burning matches and tobacco are out before discarding them.

### Leave Fireworks at Home

Forest visitors should leave fireworks at home during the Fourth of July holiday. Not only are fireworks illegal in the National Forest but they pose an extreme fire hazard. A recent fire that destroyed over 700 acres in the Sequoia National Forest was caused by one firecracker. Fireworks of all types can be confiscated and the owners prosecuted if fireworks are transported into the National Forest, Leasure noted.

Additional manpower will be assigned to fire protection jobs over the holiday because of the high fire danger. Check-points will be established to warn visitors of fire danger within the National Forest. Forest officers will be available throughout the forest and at local Ranger stations in

Pinehurst, Springville, California Hot Springs, and in Kernville to assist forest visitors.

"In spite of the high fire danger, we believe with the cooperation of the visitors, we can hold the number of fires on the Sequoia National Forest during the holiday period to an absolute minimum," Leasure concluded.

## Gala Bicentennial birthday party slated at CPO Club

Plans are well under way for the gala Bicentennial birthday party to be held at the Chief Petty Officers' Club tomorrow.

On the club's lawn area from 10:30 a.m. until 5:30 p.m. there will be an "old fashioned city park picnic" featuring a menu of hamburgers, hot dogs, salads and baked beans and games such as volleyball, horseshoes, and special events for the kids. In addition, the swimming pool will be open during this time.

From 9 until 1 a.m. a Bicentennial ball will be held on the patio area, with music supplied by the Younger Half, a popular group from Victorville.

No advance reservations are required for this event, which is open to all CPO Club members and their guests.

In observance of the Independence Day holiday on Sunday and Monday, the club's galley will be closed but the bar will be open.

## Enrollment open in ballet-jazz class

Combined ballet and jazz classes for youngsters 5 through 11 years of age will be offered by the Special Services Youth Center beginning July 13.

Separate 15-week classes will be held on Tuesdays and Thursdays for 5 through 8 year-olds and 9 through 11 year-olds. The class for the younger group will be taught from 1 to 2 p.m., while instruction for the older class will be carried out from 2 to 3 p.m.

A fee of \$10 per student will be charged for the class. Registration is being handled at the Youth Center on weekdays from 2:30 to 4:30 p.m. Further information can be obtained by phoning Carol Hape at NWC ext. 2909.



**WINNING ENTRY** — Judges selected this entry by Carrie Dorgan (at left) and Claudia Fettkether as the winner in the fire hydrant Bicentennial decorating contest that was coordinated by Cdr. James H. Baker (in center), NWC's Deputy Director of Supply. Youngsters from Girl Scout Troop 64, Cub Scout Pack 341 and the sixth grade Protestant Sunday School class at the All Faith Chapel, decorated 17 fire hydrants located along Halsey Ave. and Blandly St. in preparation for the celebration of this nation's 200th birthday. The winning entry was entitled "Washington, the Indian fighter." —Photo by Ron Allen