

### Annual Community Orchestra 'Pop' Concert Set Oct. 3

The annual Pop Concert of the Desert Community Orchestra will be presented on Thursday, Oct. 3, starting at 7:30 p.m. in the Lanai area of the Commissioned Officers' Mess, according to Mrs. Andrew J. Bergens, president of the Orchestra Association.

The orchestra is composed of China Lake employees, other local musicians and students of music throughout the Indian Wells Valley.

"We are pleased and grateful," stated Mrs. Bergens, both by the fine cooperation of the Naval Weapons Center in providing the location for the concert, and to the Music Performance Trust Funds in providing a grant underwriting orchestra costs.

"This enables the Pop Concert to be performed free of charge for the public of the Indian Wells Valley," she added.

The Pop Concert, traditional opener for the orchestra's concert season, is the first of four scheduled programs this season. Others are the Winter Concert, planned on Dec. 8; a Spring Concert on Feb. 25, 1975, and the annual Youth Concert, which is set for next May 11.

#### Familiar Numbers on Program

Under the baton of Gordon Trousdale, director of music for the Cerro Coso Community College, the Pop Concert this year will feature selections of familiar music such as the "Hungarian Dance No. 5," excerpts from the "Blue Danube Waltz," the "Polyvetsian Dance," and the "Stars and Stripes Forever."

Arrangements are also in process to feature the well-known "Dixieland Band" if its schedule permits.

Formed in 1960 to provide good live music for residents of the Indian Wells Valley area, the Desert Community Orchestra is a truly local activity—being sponsored jointly by the Desert Community Orchestra Association Inc., and the Cerro Coso Community College.

#### Major Source of Support

The orchestra's major financial support comes from membership in the Association, according to Mrs. Bergens, and from the support of one "free" concert annually by the Music Performance Trust Fund, Inc. of New York City.

"The Lanai area of the COM is ideal for the Pop Concert," Mrs. Bergens stated, "since it provides a unique outdoor under-the-stars atmosphere, but is shielded from the desert winds that have caused problems in the past.

"The Association and orchestra members hope that all interested persons will attend the Pop Concert on Oct. 3. It will provide a musical treat, family style, for the entire community, and as in the past, everyone is welcome to attend," Mrs. Bergens concluded.



**WESTERN NIGHT SLATED AT OFFICERS' CLUB**—The Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will hold its annual "Western Night" this evening on the Lanai of the Officers' Club. A charge of \$5 per person will cover a social hour beginning at 6:30 p.m., a real old style western dinner at 7:30 p.m. and dancing to the live music provided by the "Roadrunners." The committee chairwomen, Carole Anderson (at left) and Liz Marquez, would like to extend an invitation to all COM members and their guests to attend and enjoy all the fun. Mrs. Anderson's daughter, Jenise, hopes mom and dad might remember to take her along too. —Photo by Ron Allen

### Registration Open for Nov. 5 Election

Now is the time for all Kern County electors to determine whether they are properly registered so they will be eligible to vote at the Nov. 5, 1974, General Election, according to a reminder issued by Vera K. Gibson, Kern County Clerk.

As a result of a California Supreme Court decision, the only residency requirement is that an elector must be registered in his precinct no later than 30 days prior to an election. Therefore, Oct. 6 will be the last day to register for the next General Election.

Any registered voters who did not cast ballots in the June 4, 1974, Direct Primary Election and have not moved are not required to re-register and should not do so.

### 'Navy Night' Slated Oct. 19 at Disneyland

Disneyland, the celebrated fun spot in Anaheim, will stage its 13th annual "Navy Night" on Saturday, Oct. 19.

On that night, beginning at 8:30, all military personnel, active or retired, and Department of Defense civilian employees, will be entitled admission to Disneyland and unlimited use of all its attractions for just \$4.25 per person.

Tickets for the special occasion are available at the Community Center. For further information, contact Art Amos at

Persons who are not now registered to vote may do so if they will be 18 years of age by election day, will have been a resident of the State of California and Kern County for 30 days prior to election day.

Voters now registered in Kern County who have moved to a new address in the county should re-register, or send in a notice of change of address card to the county clerk postmarked not later than Oct. 6.

Voters may register locally at Kern County fire stations in Ridgecrest and Inyokern, or with any of the many registration deputies appointed throughout Kern County. Notice of change of address within Kern County cards are also available at these locations.

NWC ext. 2010.

Arrangements have been made by the Joint Navy-Civilian Recreation Council to provide two buses for transportation to and from the famous fun spot. To help cover a portion of operating the two vehicles, riders will be charged \$4.50 per person.

Bus tickets, which will be available on a first-come, first-served basis to both military and civilian personnel of the Center, can be purchased from Amos at the Community Center.

## 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.
- Matinee—1 p.m.

FRI. 27 SEPT.

"JOE KIDD" (88 Min.) Clint Eastwood, John Saxon (Western) Mexicans invade a small New Mexico town and fighting breaks out between them and powerful land owners. (PG)

SAT. 28 SEPT.

—FAMILY MATINEE— "HOW TO FRAME A FIGG" (103 Min.) Don Knotts, Joe Flynn (G)

—EVENING—

"THE DOBERMAN GANG" (93 Min.) (Comedy Drama) Byron Mabe, looking for a way to circumvent the "human error" in bank robbery, recruits airman Hal Reed, an experienced trainer of war dogs. He convinces Reed that he wants to set him up in business training dogs for civilian use, then begins to prepare them for his next heist. (PG)

SUN. & MON. 29-30 SEPT.

"BLINDMAN" (102 Min.) Lloyd Battista, Tony Anthony (Western) Blind Tony Anthony is unusually skilled with any kind of weapon. He uses dynamite to revenge himself on the man who allowed bandit Lloyd Battista to take Anthony's shipment of 50 women—mail order brides for Texas miners. Seeing-eye horse Boss helps Anthony track Battista to Mexico. Violence, sex and partial nudity may offend some. (R)

TUES. & WED. 1-2 OCT.

"HAPPY NEW YEAR" (112 Min.) Lino Ventura, Françoise Fabian (Adventure Comedy Drama) Released from prison by a special New Year's parole, jewel robber Lino Ventura is unhappy to discover another man living with his former girl friend, Françoise Fabian. Remembering his initial encounter with her, Ventura recalls how he and Charles Gerard planned to rob the jewelry store next door to her antique shop on the Riviera. (PG)

THURS. & FRI. 3-4 OCT.

"HUCKLEBERRY FINN" (114 Min.) Jeff East, Paul Winfield (Musical Drama) In Hannibal, Mo., circa 1840, Huckleberry Finn (Jeff East) is an adventurous 15-year-old lad whose mother died when he was born. Huck scorns school and prefers to live in a shack he built on the riverbank, but the compassionate widow Douglas takes him into her household and tries to bring him up. Huck's vagabond father, long thought dead, kidnaps Huck from the widow's home and demands a ransom which she can only raise by selling her slave, Jim (Paul Winfield). Jim overhears the threat and runs away and is joined by Huck who is trying to escape from his father. Together, they travel down the Mississippi River on a raft, have a series of adventures and become great pals. (G)

### BPW Club 'Octoberfest' To Be Held at CPO Club

The China Lake Business and Professional Women's Club will sponsor a fall fashion show on Tuesday, starting at 7:30 p.m., at the CPO Club swimming pool area. The theme will be "Octoberfest," and the music will be provided by Marty Leon. Tickets, priced at \$2 per person, will be sold at the door.

Miss J's Boutique in Ridgecrest will furnish the fashions, while Mary Neufeld, president-elect of the Tri-Valley District BPW, will be the narrator. There will be door prizes and a no-host bar.

Residents of the Ridgecrest-China Lake community are invited to attend and see what is being offered in the way of fall fashions.

From: \_\_\_\_\_

PLACE  
STAMP  
HERE

To: \_\_\_\_\_

## Concepts of Weapons Systems Acquisition Discussed

"The problems we face today in weapons acquisition in the U.S. Navy are hardly novel. The Navy has always had these kinds of problems—failure to meet milestones; stretch-outs in the schedule; cost overruns; inability to meet performance expectations—all these, and more, dot our track record in weapon system acquisitions over the year."

RAdm. Rowland G. Freeman III, Commander of NWC, cited the problems encountered in 1977 during the building of three 44-gun frigates—the USS Constitution, USS Constellation, and USS United States—as an example of the difficulties faced in acquiring new weapons experienced by a Navy builder, problems which are still around today.

#### Sizable Group Present

He was speaking to approximately 90 members of the American Society for Public Administration, American Institute of Aeronautics and Astronautics, and the American Society of Civil Engineers at a combined luncheon meeting at the Commissioned Officers' Mess last Tuesday.

The Skipper's subject was "Concepts of Weapons Systems Acquisition." "We in the

weapons systems acquisition business have a responsibility to continue to attack the problems associated with that business, because many of the downstream difficulties encountered in the development of new systems can be traced back to the

conceptual phase of the work," he challenged his listeners.

#### Most Sensible Way

After referring to his audience as representative of the engineers and scientists who are in the front end of the research and development cycle, RAdm. Freeman moved into the area of program management. He stated that program management is the most sensible way yet developed to manage highly complex acquisitions, and then said, "Successful program management depends upon identifying and placing a single dedicated, and, hopefully, knowledgeable individual in charge, and then affording him the authority to draw on the expertise in the several functional areas involved in his project." Noting that program managers in the U.S. Navy operate on the matrix principle, the Commander, through the use of vignettes, pointed out two other program management organizations—the self-sufficient type of organization in use by the U.S. Air Force, and the functional organization.

"A program office which operates on the matrix principle must rely on the functional organization to perform such tasks as

research, development, logistics, planning, procurement, and inspection. . . I believe that the Navy's organizations stretch the management ability of the program manager to the utmost. He is wide open to advice and criticism from all sides, when in reality he lacks real authority over his assets," the Commander continued.

#### Qualifications for Job

"That's why the Navy PM must combine a thick hide with an extraordinary sensitivity to movement in the system that surrounds him. . . Obviously, the success of Navy projects depends to a significant extent on the quality of the people we place in charge," RAdm. Freeman pointed out.

The organization in use by the Air Force is structured to operate without reliance on any functional organization for technical administrative support, the speaker noted.

Warming to his subject, RAdm. Freeman then spoke on a point which he said touched many of those present at the luncheon. "We, the people in the business of procuring new systems for the Fleet, tend to strive for that last increment of effectiveness in our systems and thereby drive our cost clear out to point one on an expense curve," he said.

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RAdm. R. G. Freeman III



## nwc rocketeer

Naval Weapons Center  
China Lake  
California

Vol. XXIX No. 38

### Fee Increases Recommended By Members of Recreation Council

Recommendations of an especially established fee-study committee directed the attention of members of NWC's Joint Navy-Civilian Recreation Council at last week's meeting.

Some background for the lengthy discussion that followed was given by Cdr. C. D. Brown, chairman of the Recreation Council, as well as by Cdr. R. B. Nygaard, who headed the fee-study committee. Cdr. Brown noted that the current fiscal year recreation program anticipates expenses of \$500,000 and, in order to operate on a break-even basis, must generate a like amount of income to cover costs.

Approximately \$125,000 will be allocated by the Employee Services Board and Navy Exchange to support a wide variety of recreation activities which means that the balance of \$375,000 must be generated by fees charged those who enjoy use of the

Center's recreation facilities, Cdr. Brown said. The alternative is to reduce recreational programs if costs for conducting them cannot be met.

For his part, Cdr. Nygaard explained that the initial work by his fee-study committee had covered the various hobby shops, the gym area and locker room, swimming pool, and the entry fees charged for organized sports. It was learned, Cdr. Nygaard added, that there is a heavy subsidy being provided to keep some of the hobby shops going, and that some other activities also are running on the red ink side of the ledger.

#### Swim Team Spokesmen Present

D. W. Lockwood and Annaliese Odenbrantz, spokesmen for the Indian Wells Valley Swim Team, were given the opportunity to present their views regarding the fee committee's proposal that each individual member of a non-profit organization which is authorized exclusive of the NWC indoor pool be required to have a valid membership in the pool.

For some time, the IWV Swim Team has been permitted exclusive use of the indoor swim pool for practice or holding meets without fee.

It was the feeling of the Recreation Council's fee-study committee that swim team members should be charged either the \$10 per individual fee, the \$15 per family fee, or 50-cent daily use fee.

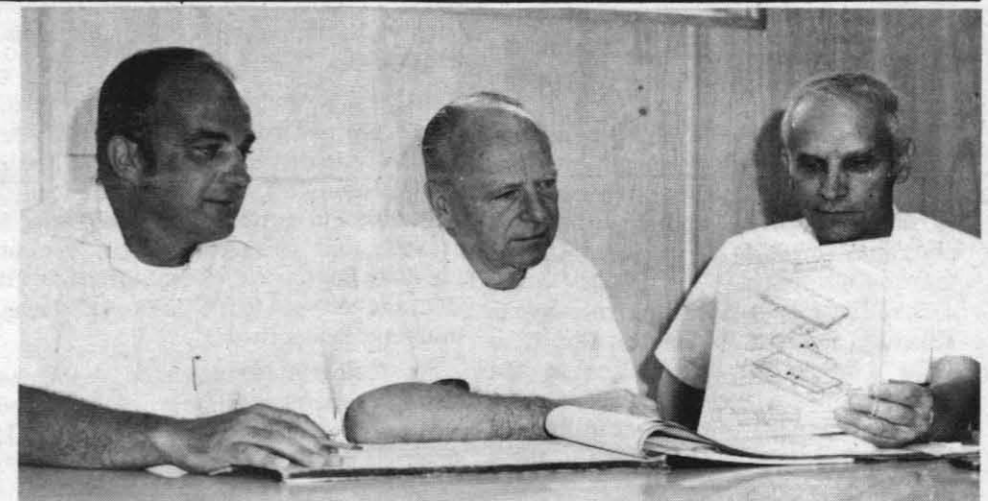
#### Problem Cited

"We must recognize that when we grant exclusive use of the pool to those who do not pay, we are denying its use to those who have paid for it," Cdr. Nygaard noted.

Lockwood, who is president of the IWV Swim Team, reviewed the valuable service this type of competitive activity provides for youth of the local area, the many hours of assistance that are donated by coaches and swim meet officials, as well as the team's donations of such equipment as lane markers and starting blocks.

The IWV Swim Team uses the indoor pool for 230 hours per year, provides its own lifeguard service and handles its own swimming pool cleanup work. The 120

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**BIG-TIME SAVERS**—The largest monetary savings realized during Fiscal Year 1974 as a result any value engineering program at any of CNM's Laboratories or Centers came about through the combined efforts of (from left) Ed Donohue, Laurence Ellefson and Frank Sima, three employees of the Naval Weapons Center's Engineering Department. These three men, who are shown looking at blueprints and designs of their twin pack weapons system container, recently received a letter of commendation that was signed jointly by RAdm. R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director.

### CNM Labs' Top FY 74 Savings Result of Work by Centerites

Three employees of the Naval Weapons Center's Engineering Department recently received a commendation for their efforts in developing a twin pack weapons systems container which, for Fiscal Year 1974, resulted in the largest monetary savings realized by any of the value engineering programs carried out at the nation's nine Chief of Naval Material Laboratories or Centers.

The letter of commendation, which was signed by both RAdm. R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director, was addressed to Laurence Ellefson, Ed Donohue and Frank Sima.

Development of the twin pack container resulted in savings of \$1,924,000 for FY 74, in addition to anticipated savings of \$4,790,000 and \$4,789,000 for FY75 and FY76, respectively.

Effort aimed at developing the twin pack container began in March 1972 and work on it continued for a two-year period. NAVAIR provided funds totalling \$135,000 to do the job.

At the time the trio of NWC employees began this task, Ellefson was head of the Engineering Department's Conventional Weapons Office; Donohue was the test coordinator for production and Fleet support of the cluster bomb unit (CBU) 55 fuel air explosive, and Sima held the similar post of test coordinator for production and Fleet support for the CBU 24/B aircraft dispenser and bomb.

What emerged from their combined efforts was a multi-purpose container to ship and store any two weapons systems in a single container—thereby reducing not only the cost of the container, but also the weight and space required for available weapons systems aboard ship.

We are very pleased with this value engineering effort and know that the Director of Naval Material Laboratories (DNL) is appreciative of your major contribution toward the value engineering goal of all laboratories," the joint memorandum from RAdm. Freeman and Dr. Hollingsworth stated.

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**'POP' CONCERT SET FOR OCT. 3**—Gordon Trousdale (l.), conductor of the Desert Community Orchestra, puts the musicians through their paces during rehearsals for the annual Pop Concert, slated next Thursday, Oct. 3, on the Lanai of the Commissioned Officers' Mess. The group of local musicians will be heard in such selections as the "Hungarian Dance No. 5," the "Blue Danube Waltz," the "Polyvetsian Dance," and "Stars and Stripes Forever." Admission to the concert is free.

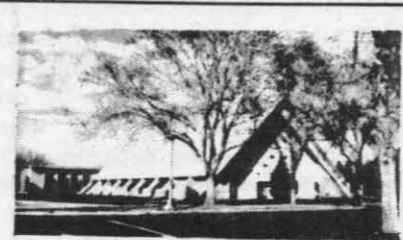


LOGS 1,000 HOURS IN CORSAIR II — Lt. Robert R. Ryan, Jr., recently received an engraved silver mug to commemorate his 1,000th flying hour in the Corsair II aircraft.

Career Goals for Women To Be Examined

A series of meetings are being established to help working women find out ways to change or advance their careers.

discussion with Naomi Mulhern, a personnel management advisor from the Personnel Department.



DIVINE SERVICES

Table listing Protestant, Roman Catholic, and Jewish services with times and locations.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California. Includes staff list and contact information.

PROMOTIONAL OPPORTUNITIES

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees...

Pipefitter, WG-4254-10, JD No. 206-1, 2 vacancies, Code 7034-1. Works directly under the supervision of a foreman...

Secretary (Typing), GS-318-4 or 5, PD No. 7453050 - Code 533 - Position located in the Library Division...

Supervisory Aerospace Engineer, GS-641-14, NavP/Pro, Dallas, Tex. Master Planning (2 positions) and Facility Engineer in Building and Utilities (2 positions)...

Supervisory Physicist, GS-1310-13 Mathematician, GS-120-13, or Engineer GS-800-13, Pd No. 744017, Code 4073 - This position is branch head of the Delivery Systems Analysis Branch...

NWC Is Nominated For Bronze Hammer Self-Help Award

For the second time in the past three years, the Naval Weapons Center has been selected to represent the 11th Naval District in the Navy-wide Self Help Bronze Hammer awards competition.

NWC, which also was selected for this honor by 11ND in 1972, will compete in Category Two - for military installations where less than 1,000 enlisted personnel are stationed without a Construction Battalion Unit present.

In a communication signed by RAdm. F. B. Gilkeson, Commander, 11ND, NWC was accorded a "Well Done," for being chosen one of four military installations that will represent the district in this nationwide event.

The other three are the Naval Station San Diego, the Commissary Store complex at San Diego, and the Naval Support Activity in Long Beach.

Work Coordinator Self Help projects at NWC are coordinated by BUCS William Cava, who is detailed to the Public Works Department.

All projects undertaken in the Self Help program are of a permanent nature, designed and completed to enhance facilities provided for military residence or recreation.

Projects Covered in Report Self Help projects completed or under way at NWC include those at Minvielle Park Recreation area, and the NAF swimming pool; renovation of the Bachelor Enlisted Quarters; picnic sites and recreation facilities on the ranges and at Sandquist Spa; two sections of 11 units each of a mobile home park for enlisted personnel...

Final judging for the Bronze Hammer award will take place shortly in Washington, D.C.



SELF-HELP PROJECT AT NAF - One of the many Self-Help projects worked on during the past two years that helped NWC win the 11th ND Bronze Hammer nomination, was the improvement of the NAF swimming pool and recreation area.



"FROCKING" CEREMONY HELD - Rear Admiral R. G. Freeman III, NWC Commander, is shown with two officers who are now entitled to wear the insignia of lieutenant. Under the Navy's "frocking" policy, officers named for promotion by this year's selection boards can put on their new stripes early if they are serving in a billet of the grade to which they have been selected.

Dinner Planned To Raise Funds For Mini Golf Course Addition

The Ridgecrest Improvement Committee, which is moving ahead steadily with work on completion of the second half of the miniature golf course at the Ridgecrest Golf Center, is now in the midst of preparations for a fund-raising dinner to bring in the money necessary for the job.

The dinner, a steak barbecue with tickets priced at \$6 per person, will be held on the evening of Saturday, Oct. 19, at Joshua Hall on the Desert Empire Fairgrounds.

Tickets can be obtained from members of the Ridgecrest Improvement Committee, a group headed by Ted Edwards, a Ridgecrest city councilman who is employed as an electrical engineering technician in the Electrical Branch of the NWC Public Works Department...

Dr. Sylvia Mead To Present Lecture On Recent Visit to China

Dr. Sylvia Mead, internationally known marine biologist and leader of the all-woman team which explored the ocean floor in the Caribbean Sea recently, will personally narrate a film entitled, "A Recent Look at Mainland China," at the Burroughs High School Lecture Center on Wednesday, Oct. 16.

Dr. Mead's visit is sponsored by the Maturango Museum. Tickets for the 7:30 p.m. lecture are priced at \$2 per person and are available at the Museum, the Gift Mart in Ridgecrest, the Station Pharmacy, or from the following people: Lorrie Van Hagan, phone 375-5313; Jo Hoxie, 446-6184, or George Silberberg, 446-5007.

Tree Trimming Work Is Implemented Here

Work is currently being carried out in a tree trimming and replanting program that is aimed at removing diseased trees and insuring the best overall landscaping condition for the Center.

Under a contract that was awarded to the Bay Cities Disposal Co. of San Diego, excess and diseased trees will be removed and, where they are needed, trees and shrubs will be replanted under a separate program that is aimed at keeping the community shady and ecologically balanced.

Selected trees, identified by a green marking, are being trimmed, while others (marked with red) will be removed from around various Navy quarters.

Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its next regular meeting at 7:30 p.m. on Thursday, Oct. 3, at 65-B Halsey Ave.

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

Special entertainment is being planned during the fund-raising dinner on Oct. 19, including music by the Burroughs High Stage band as well as other activities that will appeal to those of all ages who attend this affair.

While both the golf driving range and the first nine holes of the miniature golf course at the Ridgecrest Golf Center (located adjacent to the fairgrounds) are in use and getting good play, it was reported at a recent RIC meeting that holes 10 and 11 have been graded and staked, and work was expected to proceed with the staking of cups and the grading for holes 13 through 15.

In August 1962, Ed became a mechanical engineering technician with the Weapons Development Department's Structural Mechanics Branch, but then transferred in April 1964 to the Aerodynamics Branch where he was made the Laboratory Section head. Another transfer came two years later when he moved into the Free Fall Weapons Branch of the Engineering Department as a technical coordinator for production and Fleet support of the Fuel Air Explosives Cluster Bomb Unit-55.

Joined Sparrow Program In June 1973, he moved to his present job. Along the way, Ed has earned four Quality Step Increases and one Superior Achievement award.



6 MOVE UP IN RANK - Six Naval Air Facility officers recently moved up from lieutenant junior grade to lieutenant under provisions of the Navy's Fiscal Year 1975 "frocking" policy.

Employee In The Spotlight

Some people are liked by everyone who knows them. Such a man is Edward J. Donohue, system manager in the Production Design Division of the Engineering Department's Sparrow Program office.

At the China Lake golf course he's called "Prez," in remembrance of his one year as president of the Men's Golf Club, during which time a great deal was accomplished at the course. Some people are thinkers, Ed's a "doer."

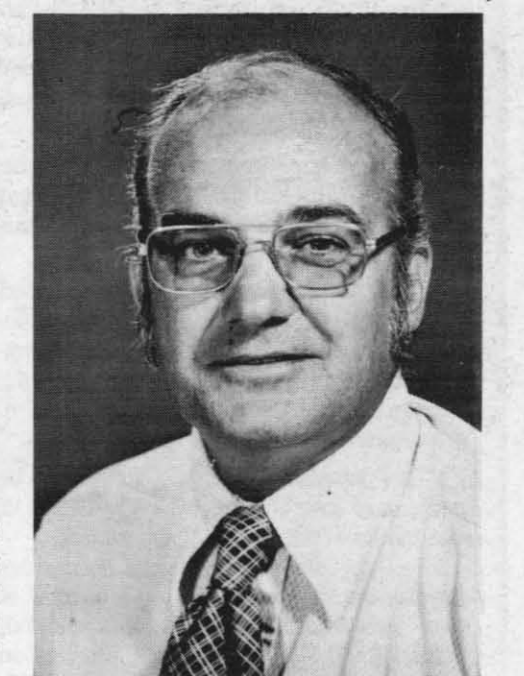
In another section of this newspaper is the accounting of a twin pack container that will result in the savings of millions of dollars to the government that was devised by Ed, Frank Sima and Larry Ellefson.

Served 4 Years in Navy After his graduation from St. Edwards High School in his home town of Shamokin, Pa., Ed joined the Navy and served for four years as an aircraft engine mechanic. He was discharged in 1953 and went to work for the Standard Oil Co. as a gas pump jockey. In the evenings, Ed attended Ventura Junior College.

For the next couple of years, Ed worked at a succession of jobs while he studied. Finally, in 1956, he joined the University of Southern California's Aerodynamics Laboratory at Pt. Mugu as a test coordinator. Ed put in six years there until moving to Rocketdyne's Research and Development Department in Santa Susana. He was with that firm only a few months before he came to China Lake.

Ed is a past president and secretary of the Ridgecrest/China Lake Men's Bowling Association and is responsible for many of the better innovations that have been adopted by the association regarding tournaments in recent years.

Joanne also bowls and dabbles in interior decorating, sewing, and is, according to Ed, a "great cook."



Edward J. Donohue One of Ed's hobbies is buying older automobiles and restoring them, both physically and mechanically.

Ed, who is a 15 handicap golfer, plays as often as he can. During his tenure as president of the club (1973), a five-year plan for the building of a more difficult course was adopted, and many improvements were made at the site. He also enjoys bowling and has competed for many years in the Premier League on Monday nights.

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HOUSING ASSIGNMENTS

- Houses assigned during August 1974. Two Bedroom Old Duplex: Roberts, GS-9; Adaniya, GS-11; Dupuis, GS-3; Smith, GS-13; Smith, WG-11; Huckaba, GS-11; Horton, GS-4; Sturdy, GS-7; Linney, E-4; Davis, WG-10; Noel, E-4; Hearn, GS-9; Christiansen, GS-9; King, WG-5; Conlon, E-4; Spiegle, GS-12; Lowe, GS-4; Taylor, WG-8; Lauderdale, WG-9; King, WG-9; Kehalaian, WG-13; Trahan, GS-12; Strunk, GS-11; Bouillon, E-4; Long, GS-9; Pierras, E-5; Brown, GS-12; Moor, WG-8; Marrice, GS-5; Lawson, WG-11; Corn, WG-3; Helton, E-5; Roberts, GS-9; Kline, GS-12.

Cars To Be Ticketed Motorists who are parking in the dirt on the east side of the Michelson Laboratory parking lot, will be ticketed beginning on Monday. "No Parking" signs have been installed in this area for the past week.

## Sheila Miller Now Women's Physical Fitness Instructor

A new instructor has been added for the women's fall program at the Center gymnasium, and the women have been given full run of the facility on Monday evenings and Thursday mornings.

Sheila Miller, a resident of the local area since 1960, has taken the post vacated by Peggy Stratton, who is leaving the Indian Wells Valley.

"I will be providing instruction in Yoga, relaxation, free movement and other exercises for women from 7 to 8 p.m. on Mondays, and from 9 until 10 a.m. on Thursdays," Mrs. Miller said. "In addition, women who use the gym during the periods for 'women only' (6-9 p.m. Mondays, and 9-10:30 a.m. Thursdays) will have full use of the sauna and steam rooms, the weight training room, and the Olympic size swimming pool," the new instructor pointed out.

Some of the programs planned for the women this fall include clinics in basketball, volleyball and badminton, and beginning and advanced swimming classes.

"Regular physical activity is the key to becoming a fully functioning person," said Mrs. Miller. "Take advantage of the programs and sign-up right away," she added.

## SPORTS SHORTS

Registrations are still being taken at the Center gymnasium for a group of Special Services-sponsored swimming classes that are being held at the indoor swimming pool.

Separate classes are offered at different times and on different days of the week for men, women and children—ranging from infants up to those 10 years of age.

Those interested in making arrangements to enroll themselves or their children can obtain additional information by calling the Center gym at ext. 2334. There is a charge of either \$8 or \$10 for the classes, which will continue for a period of eight weeks.

### Pistol Match Planned

A National Rifle Association approved pistol match will be held at the Sierra Desert Gun Club, on Sportsman Rd., Sunday, beginning at 1 p.m.

Registration for the match will begin tomorrow at 8 a.m. for all those interested in competing. Maps to the club site are available from the Lauritsen Rd. gate guard.

Spectators are welcome. For more information, call Merv Hoover at 446-6680.

### Hunter Safety Course

The China Lake Youth Center is planning another Hunter Safety course, although dates for the training have not yet been set.

All adults and young people interested in submitting applications for the course, which is a prerequisite for those applying for a hunter's license in California for the first time, are asked to contact the Youth Center by calling NWC Ext. 2909 or 2259.

### NAF Bowlers Take

### Over First Place In Premier League

The Naval Air Facility bowling team slipped into first place in the scratch Premier League last Monday night, one game ahead of Saddleback Sales, Western Columbia and Thad's Pro Shop, all tied for second place.

Bernie Baake recorded the high three-game set of the evening - 638 - and John Revels pounded out the high game, a 259 effort. Ernie Lanterman recorded a triple-200, posting games of 204, 206, and 220 for a 630 set.

Thad Brightwell notched a 611 series on the strength of a 231 single game, and Geroge Barker tallied 603 with a 210 single. Dave Homley brought in an even 600 series on games of 211, 200 and 189, while Elmer Davis recorded a 242 single.



**NEW EMPLOYEE AT GYM** — Sheila Miller (in foreground) is in charge of the women's program this fall at the gym. Mrs. Miller, who has replaced Peggy Stratton, is demonstrating one of the forms of exercise that is included on the conditioning program offered exclusively for women. —Photo by Ron Allen

## Burros Grid Coach Not Worried After 28-19 Loss at Bakersfield

The legs of Steve Blanche, the arm of Kevin Smith, and the power of Mark McDowell combined for three touchdowns last Friday at Bakersfield, but the Burroughs High School varsity football team lost in the final quarter to a powerful Bakersfield High School squad, 28-19.

"We executed well, and we're more mature and we're going to win some ball games," said Bruce Bernhardt, head mentor of the local eleven. "We're already looking ahead to Santa Maria. All this loss means is that we'll be undefeated (in the Golden League) this year," he promised local fans. League action will get under way next Friday, Oct. 4, with the Burros hosting Barstow at 8 o'clock.

The Burros face Santa Maria at 8 tomorrow night in a pre-league contest on the local football field. Bernhardt stated that the Burros will examine the loss to the Drillers and be ready for Santa Maria. "We'll review everything we did and make sure everyone knows what he's supposed to do. We won't make the same mistakes this week," he vowed.

At Bakersfield, the Burros notched the first tally in the game on an 8 yd. slant play following a 24-yd. pass from senior QB Kevin Smith to end Randy Mather. McDowell, who gained 41 yd. in the contest, made the TD.

## Wyman Seeks Entrants for Sports Carnival Coming Up Nov. 14-17 at Norton AFB

Wilt Wyman, director of sports and athletic programs for the NWC Special Services Division, is looking for outstanding handball, racquetball, and badminton players, and men who are good at running a 3-mile distance race.

The reason for his interest is the upcoming Sports Carnival, a new event added to the Mojave Desert Inter-Service League sports agenda in place of flag football.

"Not enough military installations wanted to play flag football to warrant including it in the yearly schedule," Wyman explained. "So, after a majority vote, this new event was picked up to replace football," he added.

NWC plans to send two entrants to Norton Air Force Base in San Bernardino, the host site, in each event. The Sports Carnival is tentatively scheduled for Nov. 14-17, and Wyman has already begun his search for talent in the four sports areas mentioned.

A handball tournament is scheduled to begin on Tuesday, Oct. 15, and he warns that all those who plan to compete should have their registrations in no later than Oct. 8. "This will be a highly competitive event and I understand there are a number of excellent handball players here at China Lake. I'm looking forward to seeing some high caliber players entered," Wyman said.

Racquetball, commonly known as pad-

ell, is the one area that concerns Wyman the most. "We pretty much know who will represent NWC in the three-mile run, although a dark horse could pop out of the woodwork, and the better badminton players also are well known, but in the area of racquetball we are completely in the dark," he commented.

A win in the Sports Carnival could put NWC over the top and retain for them the coveted Minor Sports trophy. "In addition, if we do well at golf and volleyball, we will also have a crack at the overall league trophy," Wyman said.

So, let's get those cards and letters in to the personable sports director. He may be contacted at NWC Ext. 2334 for further information.

For further information, call NWC ext. 2909.

## Girls' Flag Football Set

NWC's Special Services Division and the Ridgecrest Recreation Department will again sponsor a flag football program for girls in grades five through eight.

A registration fee of \$4 for members of the China Lake Youth Center and \$5 for all others will be charged. Entry forms may be obtained at the Ridgecrest City Hall, 301 Balsam St., or at the Youth Center.

For further information, call NWC ext. 2909.



By Jack Lindsey

To no one's surprise, the team of Duane Fojt and Jerry Kissick took top honors during the season playoffs in Division Two of the China Lake Intramural Two-Man Volleyball league this past week. The squad composed of Vern Powell and Bill Erwin won the Division One playoffs.

Wilt Wyman tells me that varsity volleyball team tryouts will get under way in the gymnasium on Sunday, Oct. 6. Kissick will coach the team, which will represent NWC in the Mojave Desert Inter-Service League competitions in November.

### Winter Softball

Eleven teams began play this past Tuesday night in the newly-formed Winter Softball League. The league will conclude play on Oct. 31 with playoffs to follow. This is a social league, really, as there will be no professional officials or scorekeepers present, and most everyone competing is doing so for fun.

However, spectators are welcome. The games are being played at Reardon Field, beginning at 5:30 p.m., on Tuesdays, Wednesdays and Thursdays.

### Handball Tourney

Special Services has scheduled a handball tournament to begin on Tuesday, Oct. 15. Deadline for entries is Tuesday, Oct. 8, before 4:30 p.m.

Wyman plans three separate divisions of play - "A," "B" and "C." Entries are open to both military and civilian employees of NWC. There is an entry fee of \$1 per person.

Trophies will be presented to the first and second place finishers in each division. In addition, the winners will represent NWC in the Minor Sports Carnival, of the Mojave Desert Inter-Service League, sometime in November at Norton Air Force Base in San Bernardino.

Those who want more information on handball are asked to call Bill Nicol at NWC ext. 2334.

## Call Is Out For Entrants in Fair's Destruction Derby

Anyone old enough to drive who has ever had the urge to take a car and crash it into a bunch of other vehicles, while running the risk of being the target of other motorists with similar inclinations, will have the opportunity to do so during the Demolition Derby that has been scheduled as part of the 1974 Desert Empire Fair.

Staged through the combined efforts of the DEF and the Dust Devils Auto Club, this special event is scheduled on Sunday, Oct. 6, starting at 6:30 p.m., at the rodeo grounds located adjacent to the fair.

Cars may be entered in the Demolition Derby by contacting Car Parts, Inc., at 261 N. Balsam St., Ridgecrest.

Announcer for the Demolition Derby will be Bernie Partridge, a former long-time resident, who now lives in the Ontario area and is the Southwest Region director for the National Hot Rod Association.

Dennis Garrett and Bob Leighton, both members of the Dust Devils Auto Club, will serve as ringmaster and event manager, respectively.

## Eight NWC Employees Awarded Fellowships for Fall Semester

Five Naval Weapons Center and three USC Fellowships for the fall semester were granted recently to eight NWC employees. In addition, two other employees have recently concluded study under the Fellowship program, and have returned to their jobs at the Center.

The two returning students are Richard Wolff and Jerry R. Ennis. Wolff received a bachelor of science degree in computer science from the University of Oregon in June. He is employed in the Systems Simulation Branch of the Electronic Systems Department.

Ennis, who holds a masters degree in public administration from USC and a bachelor's degree from the Missouri School of Mines and Metallurgy in mining engineering, completed graduate work at Brigham Young University in business and management. He has returned to his job with the Engineering Branch of the Research Department's Earth and Planetary Sciences Division.

### NWC Fellowships

Those granted NWC Fellowships for the fall semester are Michael K. Giles, Hugh D. Holt, Jr., John Huang, Robert P. Scott and Jon A. Wunderlich.

Giles, an employee of the Lasers and Electro-optics Branch in the Surface Missiles Department, will study at the University of Arizona in Tempe for a Ph.D. in optical sciences. He holds a master's and bachelor's degree in electrical engineering from Brigham Young University, and has been employed at NWC since June 1971.

Holt, an employee of NWC for a total of 2½ years, will undertake studies at the University of California at Berkeley for a master's degree in electrical engineering. He is employed in the Systems Simulation Branch of the Electronic Systems Department. Holt has a bachelor's degree in physics from the University of Missouri at Rolla.

Huang, who has a bachelor's degree in electrical engineering from the Michigan Technological University, and a master's degree in the same field from the University of California at Berkeley, is seeking a doctorate from Ohio State University in Columbus. An employee of the Radio Frequency Branch of the Fuze Department for the past three years, Huang will specialize in electromagnetics and microwave antennas.

Plasma physics, and control theory background will be the specialization of Scott as he seeks a doctorate from the University of Oklahoma at Norman. He has

been employed at NWC for two years, and works for the Engineering Physics Branch in the Engineering Department. Scott received his bachelor's degree in physics from the University of Texas at Arlington, and a master's degree from the University of Oklahoma.

Wunderlich, a five year employee at NWC, will study for a doctor's degree in electrical engineering at the University of Southern California. He was awarded a master's degree from Purdue University at LaFayette, Ind., and a bachelor's degree from Harvey Mudd College in Claremont, Calif. Wunderlich is employed in the Systems Development Department's Infrared Measurements Branch.

### USC Fellowships

Three employees have been awarded fellowships from the University of Southern California in Los Angeles. They are Jay Crawford, Kenneth T. Katsumoto and Stephen F. Lyda.

Crawford, an employee of the Weapons Development Department's Simulation Laboratory, will seek a master's degree in electrical engineering with a specialization in controls option. Crawford, who has been employed at NWC since March 1971, received his bachelor's degree from Fresno State College.

A master's degree in mechanical engineering will be sought by Kenneth T. Katsumoto, an employee of the Propulsion Development Department's Environmental Engineering and Inspection Branch. A graduate of California State University in Chico, Katsumoto has been an employee at NWC since June 1967.

Lyda, an employee of NWC since January 1972, will study at USC for a master's degree in applied mechanics, specializing in analytical mechanics and mathematical modeling. He is a graduate of the University of California at Davis, with a bachelor's degree in mechanical engineering. Lyda works for the Systems Development Department's Control Design and Analysis Branch.

## Visit to China Lake Slated By Social Security Agent

A representative of the Social Security office in Lancaster will pay another in her regular series of monthly visits to China Lake next Wednesday, Oct. 2.

Persons wishing to apply for a Social Security number, or obtain information about seeking additional Social Security benefits, can do so at the Community Center between 8:30 and 11 a.m.



Michael K. Giles



Hugh D. Holt, Jr.



John Huang



Robert P. Scott



Jon A. Wunderlich



Jay Crawford



Ken T. Katsumoto



Stephen F. Lyda

## Fee Increases Recommended...

(Continued from Page 1)

members of the IWV Swim Team are charged \$5 per year, but this money is used principally for trophies and ribbons, Lockwood said.

Recreation Council members mentioned that not only did the IWV Swim Team fall into the category of those using but not contributing to the expense of operating the pool, but there is also the High Desert Swim Team, as well as various school programs, to consider.

From the standpoint of the IWV Swim Team, Lockwood continued, the least desirable action would be the requirement that a fee be charged each team member for use of the pool, because of the financial hardship this would impose in some instances. He urged instead that the Recreation Council consider adopting a flat fee for use of the facility.

Mrs. Odencrantz, a former trustee of the China Lake Elementary School District, stated that, for example, the school district was charged \$7 per hour for use of the Sgt. John Pinney swimming pool in Ridgecrest for some of its summer classes.

### McGlothlin Supports Idea

Support for the idea of a facility charge vs. the individual fee came from Jim McGlothlin, another Recreation Council member. "We all agree there should be an increased fee, but what form it should take still needs to be resolved," McGlothlin said.

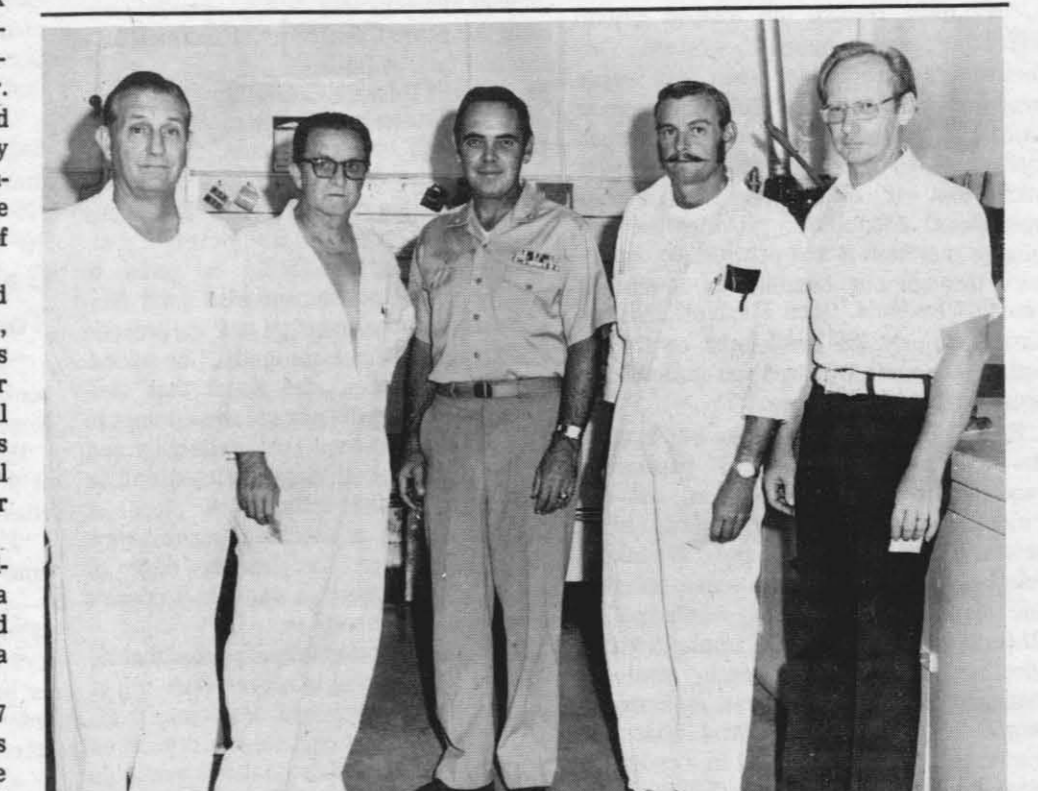
By a vote of 5-4, Recreation Council members then voted to refer the question of charging for use of the indoor swimming pool back to the fee-study committee, in order to study alternative methods of cost sharing for non-profit groups. A final decision is expected on this matter at next month's council meeting.

According to Cdr. Brown, last year it cost the Recreation Council a little more than \$9,000 to keep the indoor swimming pool in operation, over and above the amount brought in by individual or family membership fees. This was in spite of the fact that the Naval Weapons Center does bear such expenses as those for utilities, maintenance and the pumping of water.

### Other Fee Changes Favored

Moving on to other proposals of the Recreation Council's fee-study committee, council members approved changes in fees by those using the Ceramics Hobby Shop, the Wood/Electronics Hobby Shop, and lockers at the gym.

Upon final approval by the NWC Command, the charge for using Ceramic Hobby Shop kilns was changed from 20 cents to a 20 per cent discount from the Standard Commercial Chart for California and the charge for use of lockers at the Ceramic Hobby Shop will be changed from \$1 per year to 50 cents per month for small lockers and from \$2 per year to 75 cents per month for large lockers.



**SAFETY AWARDS PRESENTED** — Capt. F. E. McDonald (c), NWC's Director of Supply, recently presented safety awards to four employees of the department's Ordnance Division. They are (l.-r.): Woodrow I. Bertine, Wilburn M. Rowell, Paul F. Lewis, and Henry R. Paquin. Bertine's award was for seven years as a supervisor without a lost-time accident. Rowell received a three year safe driving award, while Lewis' recognition came for five years of safe driving. Paquin was honored for one year of supervision without a lost-time accident.

## Weapons Acquisition Problems...

(Continued from Page 1)

referring to a vugraph illustrating the statement. "That last increment of capability is very expensive, and budget constraints can be such that the result is our acquisition yields less total capability because of the high per-unit price we have to pay in order to buy that level of individual system capability," he continued.

Carrying the point further, the NWC Commander said "We probably reach a point of diminishing return where the additional complexity required in the system to achieve that last increment of effectiveness gives us less capability per system because of the maintainability and reliability problems it introduces.

"Engineers and scientists doing research and development in new weapons systems must recognize that they are designing a 'part' of a system, no matter how all-inclusive their particular development may appear to be. For example, the Harm development going on here at NWC includes the missile, avionics, integrated logistic support, maintainability and reliability criteria, launchers, peculiar support equipment . . . just about everything, right?" he asked his audience.

**Must Fit Larger System**  
"Wrong," he answered. "Harm must fit into a larger system that already exists, which includes the carrier, selected delivery aircraft, replenishment ships, Naval ammunition depots which will handle the missile, training for pilots and ordnancemen at the squadron and air wing levels, and if it winds up like Shrike, being in service with the Air Force also, then it must be compatible with two distinct and different 'systems' which are not easily modified to accommodate special items of inventory.

Developing the theme further, the Commander referred to the fact that the Naval service today is manned by young men and women whose education is not as sophisticated as that of the weapons' designers and builders. ". . . They have limitations on their technical skills and capabilities," he pointed out.

"We have weapons systems that were conceived and developed by brilliant engineers and scientists, but somewhere along the way the realistic appreciation of the capabilities and limitations of the service personnel who will operate and maintain them seems to have been factored out of the development process," he noted.

**Know Real World Limitations**  
"When I admonish design engineers to take full cognizance of these real-world limitations, I do not mean to simply design 'sailor-proof' systems - that used to work, but not any more," he asserted.

"We must resolve the weapon system effectiveness-vs.-overall system effectiveness paradox for each and every procurement we make," RAdm. Freeman said. "If the net results of our weapon system acquisition in any particular case is such that it offers 'vastly' superior operational capabilities provided we are able to maintain it and provide we can insure through our handling of it that it remains 'reliable,' then I submit that we have gone past the break-point on the effectiveness curve I showed you earlier," the speaker told his audience.

RAdm. Freeman also spoke out against the tremendous amount of paperwork required to support a program, and the "moribund acronyms" involved in a program from beginning to end. "We take a relatively simple, common sense, solution and surround it with carefully worded policy statements, piles of implementing documents - one for each level of management - and, of course, an army of people to organize and control what has been created. This can result in a program manager becoming so entangled in trivia that he loses sight of basic issues," the Skipper warned.

"These costs aren't too visible. How do you price out a PM's frustration, for example? But they are there, and I am concerned that perhaps they are more than we can afford. I believe this is a particularly

important area to examine now as a result of recent and pending personnel budget cuts," he stated.

"I attribute this to no small degree to an organizational deficiency - we do not have anyone in a position to really effectively manage the overall process. We tend to manage each piece independently of the others," RAdm. Freeman stressed.

The NWC Commander offered a solution. "I believe we need organizational recognition of acquisition management so that what we do in the R&D or conceptual area doesn't emasculate what follows in the procurement, logistics, budgetary areas and, likewise, that these functions are integrated in a practicable way with our R&D effort," he offered.

**Holds No Delusions**  
"I don't hold any delusions about the complexity of this problem, or its solution," the Center Commander stated. "But neither do I delude myself about its magnitude - \$12 to \$13 billion a year is going into acquisition - and there is no one with overall responsibility below the head man at each organizational level. I view this as an organizational problem of major proportions," he added.

What does the Commander see for the future? "Although it's difficult to generalize, the solution to making all these pieces of the puzzle behave appears to lie primarily in procedural modification and possibly some organizational change - with discipline being the key to any effective procedural solution," he began.

After explaining the process that a weapons program goes through with the Defense Systems Acquisition Review Council, and summarizing some of his concerns with that process, RAdm. Freeman outlined some of things that would be emphasized within the Navy in years to come regarding system acquisition. Again using vugraphs to graphically display each point, the Skipper explained the first plan, called "High-Low Mix." "High-Low Mix can be defined as a total force mixture which consists of a relatively small number of general purpose, highly capable weapon systems, and a relatively large number of much less complex systems. Deploying both categories of systems will permit us to accomplish the Navy's sea control mission with a minimum expenditure of resources. We are, of course, actively pursuing this philosophy and will see a continuation of it in the future," he pointed out.

**Design to Cost concepts**, where a reasonable price is established for bringing in an appropriately capable weapon system and then using that price as the overriding factor in making trade-off decisions during further development and production, was also mentioned by RAdm. Freeman as a method for the future.

**Must Restore Credibility**  
Conservatism was the third area of emphasis noted by the speaker. "Our fiscal credibility has taken a beating during recent years, and this has hurt us badly in any number of ways," he pointed out. "Restoring our credibility is going to require the establishment of a joint conservatism among industry and the weapon system acquisition community," he added. RAdm. Freeman also noted that simplicity ("we must discourage any attempt to gold plate our system") and reliability and maintainability, both closely related, will be guidelines in the future. "A piece of equipment with a specified performance level that is on the leading edge of technology isn't worth a damn if it doesn't work," he exclaimed.

The Center Commander also noted that he sees the Navy trying to make better use of its directed research and development effort. "I view this as particularly critical as the range of alternatives that are available to counter a threat are only available if we properly apply our R&D funds," he said.

Finally, RAdm. Freeman stated that more emphasis should be placed on the value of the early design effort. "One of the problems we have had in the past has been trying to buy a system without having very well defined its characteristics," he noted.



**RECOGNIZED FOR SAFETY ACHIEVEMENTS** - Snowden LaFon (2nd from right), head of the Technical Library Division, acting for Charles E. Van Hagan, head of Code 53, was on hand to congratulate two TID branch heads recently who were singled out for safety awards. LaFon is shaking the hand of Art Farrell, head of the Applied Photography Branch of the Photo Lab Division. The other branch head honored by the NWC Safety Department is Dick Freeman (2nd from left), who is in charge of the Printing and Reproduction Branch. The recipients' division heads, Harry L. Devereaux (l.), head of the Photo Lab, and Dick Johnsen (r.), head of the Graphic Arts Division, made the presentations. The safety awards, which were signed by RAdm. R. G. Freeman III, NWC Commander, singled the men out for 12 months of supervision without a lost-time accident.

## Huge Savings Realized. . .

(Continued from Page 1)

This same memo also included a statement from Dr. Joel Lawson, the former DNL, who is now the Technical Director of the Naval Electronic Systems Command in Washington, D.C. Dr. Lawson wrote:

"As the cost of maintaining and operating our Navy seems to steadily climb until it has become one of the CNO's major concerns, we must devote more and more of our attention to ways to reduce this cost. We should not only take advantage of opportunities that present themselves during the course of our normal business, but we must seek out developments, modifications, and improvements which will enable us to maintain and operate our Fleet at lower cost to taxpayers. This is a tougher challenge than simply providing 'improved performance,' but I am confident that you can do it."

RAdm. Freeman and Dr. Hollingsworth extended their congratulations and commendation for a job well done to Ellefson, Donohue and Sima. In doing so, they noted that:

"With continued emphasis on the Value Engineering Program within the Department of Defense, it will be necessary for all appropriate elements of the Center to become increasingly concerned with, and

### Golden State Music Co.

#### To Play at Jolly Roger

The Golden State Music Co. has been booked for a dance tonight at the Jolly Roger (Enlisted Men's Club).

The popular local group will begin playing at 9:30. Walt Schimke, club manager, invites all members and their guests to attend. "Everybody likes this group and a good time should be had by all," he promised.

"Frequently, we have found ourselves trying to define them as we went along, but, as someone once said, 'You can't bring order downstream of chaos,' and this lack of attention on the early design effort has cost us a lot of money," he added.

"The most cost effective way to deploy a dependable weapon system is to start by designing reliability, maintainability and the human capability of our sailors into it at the outset. It becomes very expensive to retrofit these things into a system during, or after, production," the Center Commander concluded.



**ASSIGNED TO NAF** - Lt. Richard Schweitzer, now serving in the Maintenance Control Office at the Naval Air Facility, reported here recently from duty as air gunner aboard the USS Hancock, an aircraft carrier homeported at Alameda, Calif. An enlisted man for most of his 23 years of active duty, Lt. Schweitzer became a warrant officer in 1968 and has since been selected for promotion to his present rank via the frocking procedure. His lengthy career in the Navy has been principally in ordnance work. He served five tours of duty in Vietnam—three on board the Carrier USS Constellation and two on the USS Hancock. Lt. Schweitzer was accompanied to China Lake by his wife, June; a son, Richard H., and a daughter, Cindy Ann. The Schweitzers' oldest son, Leland, is also in the Navy. He is undergoing training for duty as a hospitalman at Balboa Navy Hospital A School in San Diego.

## '74 Desert Empire Fair To Open 5 Days of Fun, Games on Oct. 2

The 24th annual Desert Empire Fair will open next Wednesday, Oct. 2, at the fairgrounds. For the first time, the fair will be staged under the auspices of the new 53rd Agricultural District of the California State Fair systems.

Highlights of the five-day celebration will be the annual parade on Saturday, Oct. 5, and a destruction derby on Sunday at the rodeo grounds. The SJM Fiesta Shows will again visit the Indian Wells Valley to set up a carnival on the fairgrounds featuring rides and game booths, and many special events and contests will be held during this yearly event.

Under the roof of the Joshua Hall, located on the fairgrounds, will be exhibits by businessmen of the valley, as well as displays of artifacts and crafts from various clubs. Arts and crafts exhibits, many of them in contention for blue ribbons, also will be displayed.

The 4-H Clubs of the Valley plan a number of demonstrations, ranging from canning to snakeskin tanning at Joshua Hall, and the annual Whiskerino contest will be staged again this year.

**Parade Set at 10 a.m. Oct. 5**  
The parade, which will start at 10 a.m. on North China Lake Blvd., and traverse the length of the boulevard to Ridgecrest Blvd., will feature equestrian units, marching bands, other marching units, antique automobiles, drill teams, and many other entries.

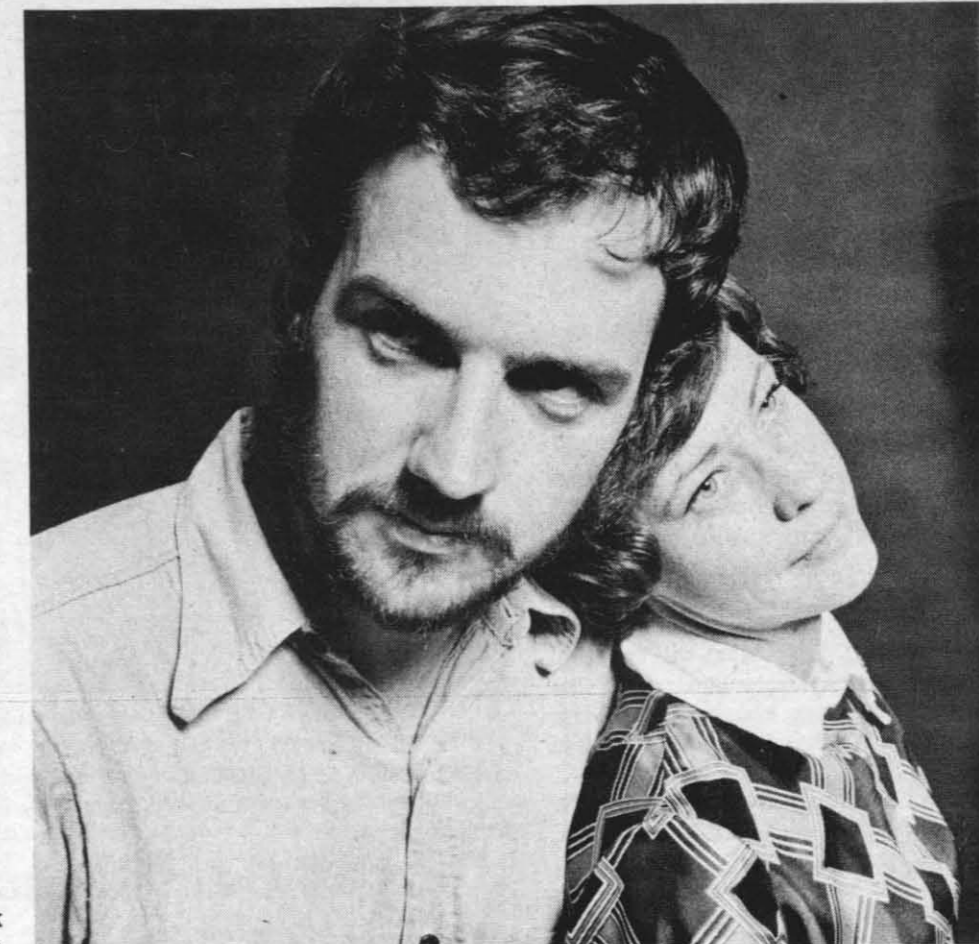
Other fair favorites, such as the turtle race, a tug-o-war, horseshoe pitching, and dog and pet judging contests, also are scheduled. The new era is represented in judo and karate demonstrations, set for each evening. A freckle contest will also be staged.

Visitors will see the winning entries in the pie judging contest, and also get a first hand look at horticulture entries on display in Joshua Hall.

## Schedule of Events at Fair

Following is the complete schedule of events for the annual five-day Desert Empire Fair. The stage area is located at the southwest end of the fairgrounds.

Wednesday, Oct. 2		
Event	Place	Time
Little Miss DEF contest	On Stage	5 p.m.
Judo & Karate demonstration	On Stage	6 p.m.
Western Dress competition	On Stage	7 p.m.
4-H home canning demonstration	Joshua Hall	7:30 p.m.
BHS Stage Band concert & dance	On Stage	8 p.m.
Horseshoe tournament	Pit Area	8 p.m.
Thursday, Oct. 3		
Judo & Karate demonstration	On Stage	6 p.m.
Dog & Pet contest	On Stage	7 p.m.
4-H snakeskin tanning demonstration	Joshua Hall	7:30 p.m.
Western band	On Stage	8 p.m.
Horseshoe tournament	Pit Area	8 p.m.
Friday, Oct. 4		
4-H Club sheep blocking	Pens	6 p.m.
Whiskerino contest	On Stage	7 p.m.
4-H cake demonstration	Joshua Hall	7 p.m.
Judo & Karate demonstration	On Stage	8 p.m.
Folk concert	On Stage	9 p.m.
DEF Council of Clubs king and queen crowning	On Stage	10 p.m.
Saturday, Oct. 5		
Desert Empire Fair Parade	Ridgecrest	10 a.m.
Parade awards presentation	Arena	1 p.m.
Goat show	4-H Arena	All Day
4-H livestock show	4-H Arena	1 p.m.
Judo & Karate demonstration	On Stage	2 p.m.
Turtle Race	Track	3 p.m.
Decorated hat contest	On Stage	3:30 p.m.
Bicycle fashion show	On Stage	4 p.m.
Tug-O-War	Mud Pit	4 p.m.
Freckle contest	On Stage	5 p.m.
Joey Pickens, music	On Stage	6 p.m.
Pie judging	On Stage	7:30 p.m.
Horseshoe tournament	Pits	8 p.m.
Joey Pickens, dance music	On Stage	8:30 p.m.
Sunday, Oct. 6		
Cross country race	Front Gate	1 p.m.
Awards to winners by DEF directors	On Stage	1:45 p.m.
Judo & Karate demonstration	On Stage	2:30 p.m.
Special show	On Stage	3:30 p.m.
4-H guide dog show & demonstration	On Stage	5 p.m.
Destruction Derby	Rodeo Arena	6:30 p.m.
Horseshoe tournament finals	Pits	8 p.m.



**"VIRGINIA WOOLF" OPENS TONIGHT** - Wes Willett and Linda Webb are Nick and Honey, two young people in for a highly-charged emotional experience during a visit to the house of George and Martha (played by Nick De Bonis and Florence Green). The action takes place in "Who's Afraid of Virginia Woolf?" which opens tonight at the Burroughs High School Lecture Center. Curtain time is 8:15. Tickets, priced at \$2.50 for adults and \$1.50 for students, are available at The Gift Mart in Ridgecrest, the Station Pharmacy, or at the Lecture Center door on performance nights. The play will be presented again tomorrow night, and on Oct. 4 and 5. The Community Light Opera and Theater Association is the producer, and Elena Vitale is the director. -Photo by John Dunker

## HAPPENINGS AROUND NWC

The Navy Exchange Toyland is now open. Hours of the facility, which is located in the east end of Bldg. No. 918, next to the Annex, are as follows:

Monday, Tuesday and Friday, open from 10:30 a.m. to 5 p.m.; Wednesdays, from 9 a.m. to 5:30 p.m.; Thursdays, from 10 a.m. to 5:30 p.m., and on Saturdays from 10 a.m. to 2 p.m.

Toys and games of all kinds are for sale at Toyland, with the exception of bicycles, which are still for sale at the Main Exchange. In addition, Christmas cards, gift wrapping and tree trimming supplies are available at Toyland.

Only active duty and retired military personnel, and their dependents, are eligible to make purchases at Toyland.

### Sick Call Cut Back Oct. 4

On Friday morning, Oct. 4, until the hour of 11:30, emergencies only will be treated at the NWC Dispensary.

This is necessary since only one doctor will be on duty because of the personnel inspection at NAF on that morning.

### Cake Decorating Classes

Classes in cake decorating will be offered again at the Community Center by NWC's Special Services.

The seven week long beginners' class is set for Thursday evenings from 7 to 9:30, beginning on Oct. 3. Tuition is \$18, and an equipment kit will be available for \$13.75.

Registration ends today. For more information, call RoseMarie Suhr, the instructor, at 375-2571, or the Community Center, NWC ext. 2010.

Mrs. Suhr also will schedule an advanced / intermediate course if there is a demand. Former beginning students who might wish to attend such a class are asked to contact her.

### GEBA Assessment Due

Assessments are due from members of the Government Employees Benefit Association and China Lake Mutual Aid Society following the death this past Sunday of Jack DePew, age 52.

A former long-time China Lake resident, DePew, who had worked in what is now the Electronic Systems Department, died in Visalia.

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. 314.

Mason also urged that GEBA and CLMAS members check to make sure that up-to-date information regarding their beneficiaries is on file.

### Guard Contract Changed

W. E. Davis, NWC's Director of Security, announced this week that the Navy Regional Procurement Office in Long Beach recently awarded a contract to the Small Business Administration for security guard services at the Naval Weapons Center.

Subsequently, a new contract that will go into effect on Tuesday, Oct. 1, was awarded by the SBA to Washington Patrol Service, Inc., replacing the present guard services provided by the H. L. Yoh Co.

### Blue Cross Man To Visit

Joseph Mugavero, the Blue Cross / Blue Shield insurance representative, will be at the Community Center next Thursday, Oct. 3, from 10:15 a.m. until 3:30 p.m.

## Career Expansion Workshop Offered

Nominations are due no later than next Friday, Oct. 4, for a Career Expansion Workshop that is open to non-professional employees.

The workshop will include an orientation session that is to be held from 8:30 to 11:30 a.m. on Oct. 16 at the Training Center, while the workshop itself is scheduled Nov. 12 to 14 from 7:30 a.m. to 4:30 p.m.

The workshop's objectives are to increase motivation and planning to achieve career goals, and to assist those attending in exploring career options. Instructors will be Lynn Lacey, Bruce Bonbright, Jack Murray and Roger Peck, all of the NWC Personnel Department.

The workshop is intended for non-professional employees, including skilled craftsmen, policemen and firefighters, but excluding clerical employees and technicians.

Employees interested in attending should submit a completed NWC enrollment form via department channels in time to reach Code 654 no later than next Friday.