# **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 underthe-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 con-



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

## 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 Elec-

Any registered voters who did not cast Election and have not moved are not required to re-register and should not do so. at these locations.

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 ballots in the June 4, 1974, Direct Primary Kern County. Notice of change of address within Kern County cards are also available

# 'Navy Night' Slated Oct. 19 at Disneyland

Disneyland, the celebrated fun spot in NWC ext. 2010. 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

further information, contact Art Amos at Community Center.

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 Tickets for the special occasion are military and civilian personnel of the available at the Community Center. For Center, can be purchased from Amos at the



'POP' CONCERT SET FOR OCT. 3 — Gordon Trousdale (I.), Commissioned Officers' Mess. The group of local musicians will

conductor of the Desert Community Orchestra, puts the be heard in such selections as the "Hungarian Dance No. 5," the musicians through their paces during rehearsals for the annual "Blue Danube Waltz," the "Polyvetsian Dance," and "Stars and Pop Concert, slated next Thursday, Oct. 3, on the lanai of the Stripes Forever." Admission to the concert is free.

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.

27 SEPT

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

powerful land owners. (PG) -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 SUN. & MON.

"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.

"HAPPY NEW YEAR" (112 Min.)

Lino Ventura, Francoise 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.

"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, the two trave down the Mississippi River on a raft, have a series of adventures and become great pals. (G)

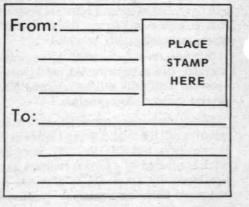
## BPW Club 'Octoberfest' To Be Held at CPO Club

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



# 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 1797 during the building of three 44-gun frigates - the USS Consitution, 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



RAdm. R. G. Freeman III

challenged his listeners. Most Sensible Way

scientists who are in the front end of the advice and criticism from all sides, when in research and development cycle, RAdm. reality he lacks real authority over his 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 dentifying 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 vugraphs, pointed out two other program management organizations-the selfsufficient 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

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phase of the work." he research, development, logistics, planning procurement, and inspection. . .I believe that the Navy's organizations stretch the After referring to his audience as management ability of the program representative of the engineers and manager to the utmost. He is wide open to 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, (Continued on Page 4)

Sept. 27, 1974

NWC Fellowships Awarded . . . . . . . . . . . . . 3 Desert Empire Fair Schedule ...... 5 'Pop' Concert Set at COM ..... 8

# Fee Increases Recommended By **Members of Recreation Council**

nwc rocketeer

Recommendations of an especially Center's recreation facilities, Cdr. Brown established fee-study committee occupied 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 penses 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

# Navy Exchange Art, Lamp Show Open

The Navy Exchange has scheduled an art and lamp show today and tomorrow at the Community Center. Hours of this special event will be 11 a.m. to 7 p.m. on Friday, and 11 a.m. to

4 p.m. on Saturday. Featured for sale to all authorized patrons of the Navy Exchange will be a large selection of framed, original oil paintings, as well as lamps with a choice of shades.

The paintings, all the works of European artists, will range from those that are very small to others as large as 22 by 28 in. in size.

Table model, as well as floor and hanging lamps will be on sale, and free coffee will be served while prospective buyers browse around before making their selection The Navy Exchange's lay-away

program, which calls for a minimum of 10 per cent down, will be in effect during the art and lamp show, Lt. E. N. Smith, Navy Exchange officer, ad-

said. The alternative is to reduce the attention of members of NWC's Joint 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 year recreation program anticipates ex- 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 Odencrantz, 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.

been permitted exclusive use of the indoor swim pool for practice or holding meets

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.

for 230 hours per year, provides its own container began in March 1972 and work on lifeguard service and handles its own it continued for a two-year period. NAVAIR swimming pool cleanup work. The 120 provided funds totalling \$135,000 to do the

(Continued on Page 3)



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 At the time the trio of NWC employees Center's Engineering Department recently began this task, Ellefson was head of the received a commendation for their efforts in Engineering Department's Conventional developing a twin pack weapons systems Weapons Office; Donohue was the test container which, for Fiscal Year 1974, coordinator for production and Fleet supresulted in the largest monetary savings port of the cluster bomb unit (CBU) 55 fuel realized by any of the value engineering air explosive, and Sima held the similar post programs carried out at the nation's nine of test coordinator for production and Fleet Chief of Naval Material Laboratories or

Donohue and Frank Sima.

Development of the twin pack container systems aboard ship. 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, respec-

support for the CBU 24/B aircraft dispenser and bomb.

The letter of commendation, which was What emerged from their combined efsigned by both RAdm. R. G. Freeman III, forts was a multi-purpose container to ship NWC Commander, and Dr. G. L. and store any two weapons systems in a Hollingsworth, Technical Director, was single container-thereby reducing not only addressed to Laurence Ellefson, Ed the cost of the container, but also the weight and space required for available weapons

We are very pleased with this value engineering effort and know that the Director of Navy 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

(Continued on Page 4)



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. The award was presented by Arnie Vang, the LTV Aerospace representative at China Lake. Lt. Ryan is the Forward Firing Weapons Project Officer for Air Test and Evaluation Squadron Five. Before coming to VX-5, he was assigned to Attack Squadron 142. While with that squadron, Lt. Ryan made two cruises aboard the USS Constellation and flew 155 combat sorties. He has made over 300 arrested landings (carriers) in the A-7 aircraft.

### Career Goals for Women To Be Examined A series of meetings are being established discussion with Naomi Mulhern, a personnel

to help working women find out ways to management advisor from the Personnel change or advance their careers. Recent Department. meetings of a group of women employees with Alice Pastorius, NWC Federal Women's Coordinator, have led to plans for a variety of lunchtime programs.

Prime organizers of the informal lunchtime meetings are women who recently participated in an NWC course entitled Administrative Training for Secretaries. "During the class we were encouraged to set goals for growth personally and in our

scheduled for next Wednesday, Oct. 2, at in the personnel field. 11:30 a.m. It will take place in the For further information on goals and Sidewinder Room of the Community Center. plans of the new lunchtime group, interested Interested persons are invited to bring a persons may call Miss Pastorius at ext. 3118.

Mrs. Mulhern, an NWC employee since 1966, will discuss methods of updating personnel records to accurately reflect job qualifications. She will also inform those present of opportunities for women in General Service Wage positions-carpenter helpers, ordnance helpers, machinist

When Mrs. Mulhern started her NWC careers," said Diane Coryell, spokeswoman career, she was a personnel clerk. With the for the group. "This was one goal we set." motivation to move into professional levels She added that the organizers are interested in her chosen field, Mrs. Mulhern attended in suggestions from women or men on night school to earn college credits. After a programs, methods of organization, or 6-month stint on leave without pay at Cal-State Bakersfield, she was graduated in The first of these lunch time meetings is 1972, and returned to NWC as a professional

brown-bag lunch and participate in a or Mrs. Coryell, ext. 3417.

DIVINE SERVICES

Communion Service first Sunday of the month

Sunday School — All Ages

Daily except Saturday

First Friday only

Center Restaurant

Contact Chaplain's Office for specifics.

Friday 1st and 3rd ONLY — (Sept. - May.)

Saturday

3354, 3355, 2347 Sunday

PROTESTANT

ROMAN CATHOLIC

BLESSED SACRAMENT CHAPEL

CONFESSIONS

CCD CLASSES Kindergarten thru 6th grades Seventh and 8th grades

JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL

UNITARIANS

CHAPEL ANNEX 95

Services - (Sept.-May.)

School Classes are held in Chapel Annexes 1, 2, 4

1700 fulfills Sunday obligation

1135 1635

1545 to 1645

Ninth thru 12th grades

"In Home" Discussion Groups

#### The Rocketeer ficial Weekly Publication **Naval Weapons Cente** China Lake, California

RAdm. Rowland G. Freeman, III **NWC Commander** 

Dr. G. L. Hollingsworth C. E. Van Hagan





Jack C. Lindsey **Nancy Jones** 

PH2 D. W. Yeatts, Ron Allen, Maurice Dias Staff Photographers

DEADLINES: Tuesday, 4:30 p.m. **News Stories** 

Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exos P35 revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of

Phones

PROMOTIONAL **OPPORTUNITIES** 

for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may confact the Employment-Wage and Classification Division, Code 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 17 or 172 in their personnel lacket. Information con cerning the Merit Promotion Program and the evaluation methods used in these promotional op portunities may be obtained from your Personne Management Advisor (Code 656 or 657). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Pipefitter, WG-4204-10, JD No. 206-1, 2 vacancies, Code 70434 — Works directly under the supervision of a foreman performing all of the duties of a pipefitter. Installs pipe fittings and fixtures to construct or maintain piping systems such as steam heating, steam power, hot water, heating, hydraulic, high pressure air, chemical acid various gases, cardox, fire sprinkler systems, vacuum lines, nitrogen lines and oil line systems

File applications for the above with Dora Childers, Code 657. Rm. 210. Ph. 2032

Instrument Maker Leader, WL-3383-14, PD No. 7455145, Code 5546 — Located in the Mechanical Prototype Branch, Engineering Prototype Division of the Engineering Department. Duties include the assigning of work to ordinates, orienting new employees, insuring that material and equipment are available, informing supervisors of operating needs and liaison with customers. Nonupervisory work in the trade is also performed.

File applications for the above with Carol Downard,

Bldg. 34, Rm. 204, Ph. 2925. ecretary (Typing), GS-318-4 or 5, PD No. 7453050 — Code 533 — Position located in the Library Division, Technical Information Department, Incumbent performs various secretarial duties, greets visitors, composes letters from rough drafts, answers telephone, maintains files and calendar, arranges meetings, takes notes, etc. Job Relevant Criteria: Ability to type proficiently, deal tactfully and courteously with people, perform tasks in-

dently, efficiently and thoroughly. Clerk (DMT), GS-322-4, PD No. 7351105, Code 5141 bent types official letters, maintains files, receives visitors, answers telephones and performs other various clerical duties for branch personnel. Job Relevant Criteria: Ability as dictating machine transcriber, get along with others in a work group, familiar with the proper format for all types of Navy correspondence.

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

Supervisory Aerospace Engineer, GS-861-14, NavPro, Dallas, Tex. — Master Planning (2 positions) and Facility Engineer in Building and Utilities (2 positions). Positions located at Fort Ord. CA. For information regarding these vacancies call Betty Jo

Geiser, Ph. 2657. Supervisory Physicist, GS-1310-13 Mathematician, GS-1520-13, or Engineer GS-800-13, Pd No. 744017, Code 4073 -This position is branch head of the Delivery Systems Analysis Branch, Weapons Development Department. The incumbent is responsible for executing weapon system analyses and serving as a scientific advisor and consultant as necessary within the division. Is responsible for program planning required to carry out the work of the branch in terms of workload, budgets, and personnel, must obtain and coordinate supporting efforts from groups outside the branch as required and must plan an effective reporting procedure and schedule for branch programs. Job Relevant Criteria: Must have experience managing echnical personnel. Must have experience conducting analytical research to determine feasibility or utilization of weapons systems. Promotion Potential: GS-14.

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

## **NWC** Is Nominated For Bronze Hammer Self-Help Award

September 27, 1974

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

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. Senior Chief Cava is responsible for determining priorities of projects, arranging for messing and berthing of Self Help volunteers from other units, and procurement and storage of required materials.

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

During the past year, the following men and women of the U.S. Navy participated in Self Help programs at the Naval Weapons

Fleet Seabees from Port Hueneme, Calif .; men from the Naval Support Facilities, Antarctica; Reserve Mobile Construction Battalion 17, Sub Unit 11-2, China Lake; personnel of the Naval Air Facility and Air Test and Evaluation Squadron Five, China

### 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; renovation of the skeet and trap range; renovation of the NAF mess and galley; conversion of a quonset building into a youth gymnasium; installation of a car wash facility at the Auto Hobby Shop: renovation of the handball courts at the Center gymnasium; and various community service

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



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. Four Seabees from Port Hueneme were loaned to China Lake by the Navy Mobile Construction Battalion 3 to aid in this work and other Self-Help projects. In the photo above, concrete is being poured for a terrace that was built in front of a new snack bar in the area. NAF personnel assisted the Seabees with the work.



"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. In photo at left, RAdm. Freeman is congratulating Lt. Joseph Burns, military assistant in the Engineering Department, while Mrs. Burns (Hattie) looks on. In the second photo, RAdm. Freeman joins Mrs. Regina Norrick in pinning his new insignia of rank on Lt. Albert J. Norrick, who is the anesthetist at the NWC Dispensary.

# **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

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

Dr. Sylvia Mead, internationally known marine biologist and leader of the allwoman 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.

Dr. Mead toured the People's Republic of China recently as part of a 15-member delegation traveling under the banner of the American Women for International Understanding.

Highlight of the trip was a three-hour meeting with Mme. Chou En-lai in the Great

# **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.

Tenants with questions on this matter are asked to call the Public Works Maintenance Service Branch at NWC ext. 2227. Since this work is covered by a formal contract, they are especially asked not to give any instructions to the contractor.

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, or at any of the following locations:

The Ridgecrest City Hall, Ridgecrest Chamber of Commerce, Ridgecrest Golf Center, K&R Market, Ken's Liquor Store, the Daily Independent newspaper office, IWV County Water District office, Knights of Columbus hall, Safeway Market and at John's Pizza Parlor.

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.

### **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

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

Equipment officer.

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. Under the "frocking" procedure, officers selected for

promotion and serving in billets of the higher grade can assume the title and wear

the rank of that grade. During a ceremony held in his office, Capt. R. S. Moore (at

right), Commanding Officer of NAF, congratulated (from left) Lts. Robert G.

Engelhardt, David W. Herrington, Bruce A. Fraser, Richard Schweitzer, Doyle E.

Holmes and Frank P. Santoni, Jr. Lt. Engelhardt is a Flight Support Division

officer. Lt. Herrington is the Personnel Division Officer. Lt. Fraser is a Line

Division officer. Lt. Schweitzer, assigned to Maintenance Control, is replacing

Holmes, who is being reassigned to similar duty with a fighter squadron at

Miramar NAS. Lt. Santoni is NAF's Aviation Equipment Ground Support

# 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

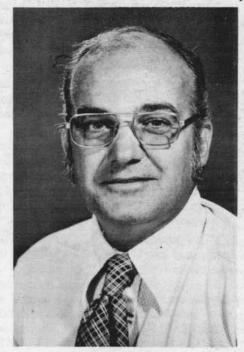
For the next couple of years, Ed worked at a succession of jobs while he studied. Finally, in 1956, he joined the University of Southern California's Aerodynamics Laboratory at Pt. Mugu as a test coordinator. Ed put in six years there until moving to Rocketdyne's Research and Development Department in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

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 when he moved into the Free Fall Weapons Branch of the Engineering Department as a technical coordinator for production and 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.

At home, he is a "doer" as well. "I have to be that way to stay one step ahead of the boys," Ed explained. Ed and his wife, Joanne, whom he met while he was stationed in San Diego, have four sons. They are Edward, 18, a freshman at Grossmont College, San Diego; Michael, 17, Steven, 15, and Patrick, 14, who are a senior, sophomore and freshman, respectively, at Burroughs High School.



Edward J. Donohue

One of Ed's hobbies is buying older automobiles and restoring them, both physically and mechanically. "It's one of the ways that I manage to do things with my sons. All of them are good mechanics and we share this hobby," he said.

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.

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

Joanne also bowls and dabbles in interior Fleet support of the Fuel Air Explosives decorating, sewing, and is, according to Ed, a "great cook."

## HOUSING ASSIGNMENTS

uses assigned during August 1974.

Two Bedroom Old Duplex Roberts, GS-9; Adaniya, GS-11; Davis, 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; Kehiaian, WG-13; Trahan, GS-12; Strunk, GS-11 Bouillion, E-4; Long, GS-9; Pietras, F-5; Brown, GS-12; Moor, WG-8; Marsee, GS-5; Lawson, WG-11; Corn, WG-3;

Helton, E-5; Roberts, GS-9; Kline, GS-12. Two Bedroom Normac & Letourneau Dabbs, WG-10; Davis, EQ-1; Torres, WG-8; Frederick, GS-12; Goodwin, WG-3; Holloman, GS-3; Sands, WG-9 Isham, GS-3; Cunningham, EQ-4.

Two Bedroom Wherry Bighton, E-3; Telles, E-5; Gardner, E-3; Lavender, E-6; Meers, WG-9; Machowsky, GS-7; Cook, E-3; Sanders, E-4;

Nichols, GS-6; Towner, E-3; Semore, GS-4. Two Bedroom Normac Duple: Hibbard, GS-9; Reed, GS-11; Bosquet, E-6; Rivest, E-6.

Three Bedroom Hill Duple: empling, Lt; Sutton, GS-12.

Leopard, GS-11; Sidney, GS-13. Three Bedroom Panamint Stoutmeyer, GS-13.

Three Bedroom Wherry Self, E-6; Valentine, E-6; Raney, WG-3; Smith, E-4; Carter, WG-10; Schoar, GS-4; McDaniel, WG-3; Kooken, E-5; Walters, GS-12; Smith, E-5. Three Bedroom Normac Dupley

Cole, E-5; Ekstrom, E-5; Deboer, E-5; Flournoy, WG-10; Hughes, EQ-11; Butler, WG-10.

Three Bedroom Juniper Temple, GS-11; Smith, GS-9; Patterson, GS-11; Johnson, GS-13; Vanderhouwen, E-8; Stone, GS-12; Andreoli, E-7;

Three Bedroom Yucca Kollmeyer, GS-11; McNeil, GS-7; Ennis, GS-12.

Four Bedroom Panamint Four Bedroom Wherry Melton, WG-10; Nepomuceno, E-5; Leape, WG-10.

Four Bedroom Joshua Kulcher, GS-5; Mullins, GS-12; Lloyd, GS-9.

## 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

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

# **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 Services Division, is looking for outstanding who will represent NWC in the three-mile

for a hunter's license in California for the 3-mile distance race. 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

Bernie Baake recorded the high threegame set of the evening - 638 - and John talent in the four sports areas mentioned. Revels pounded out the high game, a 259 effort. Ernie Lanterman recorded a triple-200, posting games of 204, 206, and 220 for a all those who plan to compete should have

on games of 211, 200 and 189, while Elmer caliber players entered," Wyman said. Davis recorded a 242 single.



**ROCKETEER** 

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 Mc-Dowell 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 ball games," said Bruce Bernhardi, 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. Bernhardi 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. Mc-

Dowell, who gained 41 yd. in the contest,

After the Drillers scored at the beginning of the second quarter to tie the count at 7-7, League competitions in November. and tallied again following a pass interception late in that period, the Burros took over on their own 40 yd. line and scored on two consecutive Blanche runs—the first mature and we're going to win some for 10 yd. and the second a 50-yd. ramble around right end.

McDowell's PAT missed and the Drillers carried a 14-13 lead into the locker room at

The Drillers added another touchdown to open up the second half and led the game, 21-13, until late in the third quarter when Blanche set up the local team's third tally with three carries that took the ball to the Driller 8 yd. line.

Blanche, who gained 154 yd. in 17 carries for the night, bulled his way to the 1 yd. line, setting up a quarterback keeper by Smith, who tallied.

Unfortunately, the Drillers scored again late in the fourth period to put the game away, 28-19.

Smith, whose prospects look better than ever, connected on seven passes in 18 attempts for a total of 130 yd. during the

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

Wilt Wyman, director of sports and dleball, is the one area that concerns athletic programs for the NWC Special Wyman the most. "We pretty much know submitting applications for the course, handball, racquetball, and badminton run, although a dark horse could pop out of which is a prerequisite for those applying players, and men who are good at running a the woodwork, and the better badminton

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 ad-

NWC plans to send two entrants to Norton Air Force Base in San Bernardino, the host Columbia and Thad's Pro Shop, all tied for site, in each event. The Sports Carnival is tentatively scheduled for Nov. 14-17, and Wyman has already begun his search for

A handball tournament is scheduled to begin on Tuesday, Oct. 15, and he warns that their registrations in no later than Oct. 8. Thad Brightwell notched a 611 series on "This will be a highly competitive event and the strength of a 231 single game, and I understand there are a number of ex-Geroge Barker tallied 603 with a 210 single. cellent handball players here at China Lake. Dave Homley brought in an even 600 series I'm looking forward to seeing some high

Racquetball, commonly known as pad-

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,"

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

### 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.

nwc rocketeer **SPORTS** 



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

#### Winter Softball

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

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

## 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.





Jay Crawford

charged \$5 per year, but this money is used

Recreation Council members mentioned

into the category of those using but not

contributing to the expense of operating the

From the standpoint of the IWV Swim

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 in-

stances. He urged instead that the

Recreation Council consider adopting a flat

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

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

charging for use of the indoor swimming

pool back to the fee-study committee, in

month's council meeting.

lockers at the gym.

for large lockers.

order to study alternative methods of cost

According to Cdr. Brown, last year it cost

the Recreation Council a little more than

\$9,000 to keep the indoor swimming pool in

tenance and the pumping of water.

Other Fee Changes Favored

Moving on to other proposals of the

the Wood/Electronics Hobby Shop, and

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

McGlothlin Supports Idea

for some of its summer classes.

fee for use of the facility.

to consider.

(Continued from Page 1)





Ken T. Katsumoto Stephen F. Lyda Fee Increases Recommended... It was estimated that the increased fees

ROCKETEER

principally for trophies and ribbons, Lock- ditional revenue from the Ceramic Hobby Shop that has been running in the red. Passed by the Recreation Council, as that not only did the IWV Swim Team fall proposed by the fee-study committee, was an increase in the civilian membership fee structure at the Wood / Electronic Hobby pool, but there is also the High Desert Swim Shop from \$3 to \$5 per year, as well as a Team, as well as various school programs, monthly fee of \$1 for use of the large lockers at the wood hobby shop. These two fee changes will bring in an additional \$350 per

#### Team, Lockwood continued, the least year, it is estimated. Locker Use Charges Upped

will generate approximately \$2,500 of ad-

Rec Council members also approved a change in the \$1 per month charge for lockers at the gym to a graduated monthly fee of \$1 for small lockers, \$1.50 for mediumsize lockers, and \$2 for large lockers. The study fee committee's recommendations were amended to include the provision that in the case of the unrented small lockers which, in the past, have been available to military personnel free of charge, they instead be made available to anyone on a first-come, first-served basis.

The recommended increase in locker Support for the idea of a facility charge vs. room fees is expected to bring in approximately \$1,600 per year.

Regarding use of the handball court, the Recreation Council passed a motion which calls for charging of a fee of \$1 per hour for still needs to be resolved." McGlothlin said. all non-military personnel - after the work By a vote of 5-4, Recreation Council of upgrading this facility has been commembers then voted to refer the question of pleted sometime next month. This is expected to produce another \$3,000 per year.

On the subject of entry fees for organized sports, the Recreation Council's fee-study sharing for non-profit groups. A final committee urged that such fees be recondecision is expected on this matter at next sidered prior to each season, and then be based on expected costs, the number of participants, plus a contingency fee.

While the fee-study committee suggested that the contingency fee be set at 25 per cent, operation, over and above the amount an amendment proposed and adopted calls brought in by individual or family mem- for reducing the contingency fee to 10 per bership fees. This was in spite of the fact cent, and makes it mandatory that all that the Naval Weapons Center does bear proposed fees for organized sports such expenses as those for utilities, main- programs be submitted by the Special Services Division to the NWC Command for approval, rejection or modification.

There will continue to be no charge for all-Recreation Council's fee-study committee, military team entries sponsored by a council members approved changes in fees military command, and the council moved by those using the Ceramics Hobby Shop, to remove fees for teams composed of a majority of military members.

In other business taken up at the Sept. 17 Upon final approval by the NWC Com-Recreation Council meeting, a motion was mand, the charge for using Ceramic Hobby passed to get the Special Services out of the Shop kilns was changed from 20 cents to a 20 land sailer rental business, and to dispose of per cent discount from the Standard the two land sailers. Commercial Chart for California and the

Cdr. Brown, the Recreation Council chairman, also informed council members that the Shore Facilities Planning Board has appropriated \$5,000 to help the Center get started on the next increment of its bicycle path program.

# **Eight NWC Employees Awarded** Fellowships for Fall Semester

their jobs at the Center.

Systems Department.

bachelor's degree from the Missouri School frared Measurements Branch. of Mines and Metallurgy in mining engineering, completed graduate work at Brigham Young University in business and Research Department's Earth and Stephen F. Lyda. 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. members of the IWV Swim Team are recommended by the Recreation Council

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 21/2 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

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

Five Naval Weapons Center and three been employed at NWC for two years, and USC Fellowships for the fall semester were works for the Engineering Physics Branch granted recently to eight NWC employees. in the Engineering Department. Scott In addition, two other employees have received his bachelor's degree in physics recently concluded study under the from the University of Texas at Arlington, Fellowship program, and have returned to and a master's degree from the University of Oklahoma.

The two returning students are Richard Wunderlich, a five year employee at Wolff and Jerry R. Ennis. Wolff received a NWC, will study for a doctor's degree in bachelor of science degree in computer electrical engineering at the University of science from the University of Oregon in Southern California. He was awarded a June. He is employed in the Systems master's degree from Purdue University at Simulation Branch of the Electronic LaFayette, Ind., and a bachelor's degree from Harvey Mudd College in Claremont, Ennis, who holds a masters degree in Calif. Wunderlich is employed in the public administration from USC and a Systems Development Department's In-

Three employees have been awarded fellowships from the University of Southern management. He has returned to his job California in Los Angeles. They are Jay with the Engineering Branch of the Crawford, Kenneth T. Katsumoto and

> 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

### 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.



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 (I.-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.

(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 manage the overall process. We tend 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 allinclusive 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 years, and this has hurt us badly in any operational capabilities provided we are number of ways," he pointed out. able to maintain it and provide we can in- "Restoring our credibility is going to Golden State Music Co. sure through our handling of it that it require the establishment of a joint conremains 'reliable,' then I submit that we servatism among industry and the weapon have gone past the break-point on the ef-system acquisition community," he added. fectiveness curve I showed you earlier," the RAdm. Freeman also noted that simspeaker told his audience.

the tremendous amount of paperwork maintainability, both closely related, will be required to support a program, and the guidelines in the future. "A piece of "moribund acronyms" involved in a equipment with a specified performance program from beginning to end. "We take a level that is on the leading edge of relatively simple, common sense, solution technology isn't worth a damn if it doesn't and surround it with carefully worded policy work," he exclaimed. statements, piles of implementing The Center Commander also noted that he documents - one for each level of sees the Navy trying to make better use of management - and, of course, an army of its directed research and development efpeople to organize and control what has fort. "I view this as particularly critical as been created. This can result in a program the range of alternatives that are available manager becoming so entangled in trivia to counter a threat are only available if we that he loses sight of basic issues," the properly apply our R&D funds," he said. dependable weapon system is to start by

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

**ROCKETEER** 

"I attribute this to no small degree to an organizational deficiency - we do not have anyone in a position to really effectively 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

plicity ("we must discourage any attempt to RAdm. Freeman also spoke out against gold plate our system") and reliability and

we can afford. I believe this is a particularly well defined its characteristics," he noted. concluded.



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. La Fon 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 (I.), 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. . .

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

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

"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

# 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 Finally, RAdm. Freeman stated that designing reliability, maintainability and "These costs aren't too visible. How do more emphasis should be placed on the valyou price out a PM's frustration, for ue of the early design effort. "One of the the outset. It becomes very expensive to example? But they are there, and I am problems we have had in the past has been retrofit these things into a system during, or concerned that perhaps they are more than trying to buy a system without having very after, production," the Center Commander

actively involved, in the value engineering

The NWC Commander and Technical Director also pointed out that the successful efforts of the trip of Engineering Department employees to whom this commendation was addressed should suggest to others what can be accomplished by documenting value engineering approaches.



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 A complete schedule of events is published open next Wednesday, Oct. 2, at the at the bottom of this page. fairgrounds. For the first time, the fair will Fair systems.

September 27, 1974

and a destruction derby on Sunday at the a carnival on the fairgrounds featuring rides Saturday. and game booths, and many special events and contests will be held during this yearly

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

Other fair favorites, such as the turtle race, a tug-o-war, horseshoe pitching, and A number of game booths, operated by dog and pet judging contests, also are local clubs and organizations, will be scheduled. The new era is represented in operated on the midway, as will game judo and karate demonstrations, set for booths of the SJM Fiesta Shows. each evening. A freckle contest will also be The fair will be open from 5 to 10 p.m. on

Visitors will see the winning entries in the night on Friday, and from 1 p.m. to midnight pie judging contest, and also get a first hand on Saturday. Sunday will see the look at horticulture entries on display in fairgrounds open at 1 p.m. and close at 10

Little Miss DEF contest.

Event

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.

Judo & Karate demonstration . . . . . On Stage . . . . . 6 p.m.

Western Dress competition . . . . . . On Stage . . . . . 7 p.m.

Horseshoe tournament ...... Pit Area ..... 8 p.m.

Judo & Karate demonstration . . . . . On Stage . . . . . 6 p.m.

Thursday, Oct. 3

Western band . . . . . On Stage . . . . 8 p.m.

Horseshoe tournament ...... Pit Area ..... 8 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.

Desert Empire Fair Parade ...... Ridgecrest .... 10 a.m.

Judo & Karate demonstration . . . . . On Stage . . . . 2 p.m.

Turtle Race ...... 3 p.m.

Bicycle fashion show . . . . . . On Stage . . . . 4 p.m.

Tug-O-War ...... Mud Pit ..... 4 p.m.

Joey Pickens, music...... On Stage ..... 6 p.m.

Pie judging...... On Stage ..... 7:30 p.m.

Sunday, Oct. 6

Cross country race ...... Front Gate .... 1 p.m.

Judo & Karate demonstration . . . . . . . . . On Stage . . . . 2:30 p.m.

Special show ...... On Stage ..... 3:30 p.m.

Destruction Derby Rodeo Arena 6:30 p.m. Horseshoe tournament finals Pits 8 p.m.

4-H guide dog show & demonstration . . . . . On Stage . . . . 5 p.m.

Decorated hat contest ...... On Stage ..... 3:30 p.m.

Goat show ...... 4-H Arena .... All Day

Saturday, Oct. 5

Whiskerino contest .....

Friday, Oct. 4

Wednesday, Oct. 2

Music for listening and dancing is planned be staged under the auspices of the new 53rd each evening, except Sunday, during the Agricultural District of the California State fair. The Burroughs High School stage band will present a concert and play music for Highlights of the five-day celebration will dancing on the opening night. A western be the annual parade on Saturday, Oct. 5, band will take over on Thursday evening, with a folk concert set for Friday night. Joey rodeo grounds. The SJM Fiesta Shows will Pickens, his guitar, and friends, will provide again visit the Indian Wells Valley to set up the background music for dancing on

#### Cross Country Race Planned

Another new event this year will be a cross country race on Sunday, sponsored by the Over-the-Hill Track Club

On the midway, fairgoers will be treated to a variety of foodstuffs offered for sale by local clubs and organizations. As usual, the Mooseburgers, offered by the Loyal Order of Moose, will be available, as will the NAACP's perennial chicken plate. The Kiwanis Club of Ridgecrest will operate a pizza stand, and the Eagles Lodge plans a Mexican food booth.

The Knights of Columbus will cook hamburgers and sell soft drinks, and the Chamber of Commerce will be selling beer. Once again, the Lions Club of Indian Wells Valley will operate its corn-on-the-cob booth, while the American Legion Auxiliary booth features ice cream. The Eagles Auxiliary stand will dispense soft drinks. and a new mobile booth, operated by the Sierra Desert Gun Club, will offer beer for

Wednesday and Thursday, 5 p.m. to midthat evening.

. On Stage ..... 5 p.m.

Joshua Hall 7 p.m.

# HAPPENINGS AROUND NWC

"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 Giff 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

The Navy Exchange Toyland is now open. Hours of the facility, which is located in the Larry Mason, secretary, to contact the east end of Bldg. No. 918, next to the Annex,

is the director.

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

Special Services.

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

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

### **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

GEBA and CLMAS members are asked by collectors in their work area to pay this latest assessment, which is No. 314.

-Photo by John Dunker

Mason also urged that GEBA and CLMAS members check to make sure that up-todate 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 nonprofessional 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.