#### April 28, 1978



FUN-FILLED WEEKEND HELD — Mother Nature cooperated by providing good weather for last weekend's High Desert Escapade, which offered something for everyone - ranging from tours to points of interest in the area surrounding Indian Wells Valley to art and flower shows and a simulated wild west boom town on the parking lot adjacent to the Maturango Museum. This camera's-eye view of a portion of the many events includes (at top left) Faye Pool, one of the artists whose paintings were on sale at Maturango Junction. She is shown with her son, who was suitably attired for the Old West fete. Adding a comic touch to the

Rod Wallace. Making sure that the reluctant bridegroom (Bob Pinney) doesn't wander off is pistol-totin' Len Finney. The part of the bride was portrayed by Deborah Green. Other photos of Maturango Junction show Sheriff Denny Kline with his shootin' iron drawn to protect a friendly passerby, while Bud Sewell strums a guitar and sings folk songs. Seen at the art show in the Community Center are Pat Leopard and her daughter (in photo at lower left). At the Enlisted Mess, which was the setting for a standard flower show, visitors found a great variety of horticulture exhibits, plants and dried arrangements, as well as the affair, a "shotgun" wedding (center top photo) was performed by exhibit of wildflowers shown in the photo. -Photos by Ron Allen

# 'Celebration' back for two-appearance charity engagement

Two more performances of "Celebration," a musical fable which last month drew standing room only audiences, will be presented at 2:30 and 7:30 p.m. Sunday in the Cerro Coso Community College lecture

The same talented cast of actors and musicians will be on hand for Sunday's performances of "Celebration," which are being presented as a fund-raiser for the benefit of the new Women's Center in Ridgecrest and Sunshine House, an activity center for the handicapped.

Ken Markel will be returning for a replay of his highly praised portrayal of "Mr. Rich." an old man who is desperately grabbing for life again, while Alex Bellen, who has won numerous awards for his roles in productions staged by the Community Light Opera and Theater Association (CLOTA), has the pivotal part of the narrator

Featured as the struggling lovers will be Debbie Wood, as "Angel," and James Michael Fitzgerald, as "Orphan," whose desire to win "Angel" quickly gets the audience on his side.

Back again also will be the many masks worn by the Revelers, who move in and out of each scene using masks and costumes as they change character. The Revelers are Marsha Burgner, Reno Venturi, Tim Connaghan, Peggy Westfield, Mary Woodling, Kathy Schimpf, John Clark, Curtis Carroll, Nancy Nowak, Deborah Green and Virginia Sandberg.

In addition to Florence Green, instructor of the Cerro Coso College Theatre 27 lab class, who is the director of "Celebration," the production staff includes Rebecca Connor, music director; Nancy Nowak, choreographer; Debbie Trousdale, technical director, and Walt Koerschner, who designed and made the more than 130 masks that are worn at different times in the musical by the Revelers.

Tickets to Sunday's afternoon and evening performances of "Celebration" are priced at \$3 each. They are on sale in Ridgecrest at The Gift Mart, Sports Etc. and at Sunshine House, and also can be obtained from members of the cast or at the college lecture hall prior to performance.



UNDERWATER SCENE -A diver explores coral outcroppings in this scene from the documentary "Village Beneath the Sea." The film will be shown at the Cerro Coso Community College lecture hall tomorrow at 7:30

# College to present underwater film on **Bahamas marine life**

A social view of marine life off the coast of the Bahama Islands will be presented at the Cerro Coso Community College lecture hall tomorrow at 7:30 p.m.

Harry Pederson, an underwater photographer, will present and narrate his color film "Village Beneath the Sea."

The film took 12 years to make. It illustrates the life cyle of generations of different ocean creatures and their social structures.

Pederson has supplied film footage for other underwater documentaries and motion pictures, including "Twenty Thousand Leagues Under the Sea" and "The Animal World." He also has conducted specialized underwater expeditions for the Smithsonian Institution under a grant from the U.S. Office of Naval Research.

Tickets for "Village Beneath the Sea" are \$2 for general admission and \$1 for students. They may be purchased at the Gift Mart and at Sports Etc. in Ridgecrest, and at the college's business office



STRUGGLE PORTRAYED - Alex Bellen (at left) as "Potemkin," the narrator, leads the other performers through the battle between good and evil in the Cerro Coso Community College Drama 27 production of "Celebration." In this scene, he is trying to talk James Michael Fitzgerald (as "Orphan") out of the notion of taking matters into his own hands-advising him that the world is set up for rich people to win, and that people like "Orphan" don't have a chance. "Orphan" ignores the advice.



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

Regular starting time-7:30 p.m. Program subject to change without notice. For further information call NWC ext. 2259

28 APRIL "AUDREY ROSE" (113 Min.)

Marsha Mason, Anthony Hopkins

Horror Drama) The father of 5 year old Audrey se, who was burned alive with her mother Pennsylvania in 1965, is seen lurking around the school of Marsha Mason's daughter in 1976. He contacts Mason and her husband and tells them that he believes their daughter Susan to be the reincarnation of his own daughter, Audrey Rose. Susan is hypnotized to bring out the truth. (PG) SATURDAY 29 APRIL

"THE BLUE BIRD" (98 Min.) Elizabeth Taylor

#### 1:30 p.m. Matinee

(Fantasy) A brother and sister are visited at night by an old crone who commissions them t find the blue bird of happiness and leads them to imaginary characters, to confusion and to the realization of where to fulfill their dream mission

"THE PEOPLE THAT TIME FORGOT" (91Min ) Patrick Wayne, Sarah Douglas

(Science Fiction) In 1919, Wayne and Shane Rimmer search for Wayne's missing friend, Doug McClure, who disappeared on the lost island of Caprona which is inhabited by pre-historic monsters and cave people. (PG) SUNDAY 30 APRIL

> "SUSPERIA" (93 Min.) Stefania Casini, Jessica Harper

(Horror Drama) American dancer Jessica

Harper intends to enter the Tanz Akademie in Freiburg, Germany, She is refused admittance at first and encounters another student who is fleeing from the school after a series of bizarre events. Jessica eventually does gain admittance and discovers that the school was originally founded as a witches' coven. (R) WEDNESDAY 3 MAY

"STARSHIP INVASIONS" (112 Min.)

Robert Vaughn, Christopher Lee

(Science-Fiction) Farmer Kurt Schiegl is taken aboard a spaceship commanded by Capt. Christopher Lee who is the leader of an evil league of Winged Serpents from the planet Alpha. Lee intends to repopulate the earth with his own kind after eliminating all humans. His ship beams waves all over the world causing an epidemic of suicides. (PG) 5 MAY FRIDAY

"SMOKEY AND THE BANDIT" (96 Min.) Burt Reynolds, Sally Field

(Comedy) Bandit (Reynolds) is an Atlanta boy with a reputation for driving the fastest cars. He accepts a bet from a Texas millionaire that he cannot successfully deliver an illegal shipment of 400 cases of beer from Texarkana to him in 28 hours, (PG) SATURDAY

"MR. QUILP" (118 Min.) Anthony Newley, David Hemmings

1:30 p.m. Matinee

(Musical) Daniel Quilp is a villainous, hunchvarf with the face of a pair a ghastly toothless smile. He is among the worst of cutthroats who swarm through London's underworld of the 19th century and holds a franchise on smuggling, extortion, and crime. The exploitation of his victim. Little Nell, and the hattle between good and evil is portraved in musical form, (G)

#### "FINAL CHAPTER-WALKING TALL" (113 Min.)

Bo Svenson, Margaret Blye

(Action Drama) Tennessee Sheriff Buford Pusser (Svenson) has cleared McNairy County of organized crime members who take over a club just over the county line. When henchmen kill a emale friend of Pusser, he can no longer control his rage and keep his actions within the law. (R) U.S. Government Printing Office: 1978 - No. 123

From:\_ PLACE STAMP HERE To:

# nwc rocketeer

April 28, 1978

Vol. XXXIII, No. 17

Daylight Saving Time .....2 Navy Chief Receives Commendation .....4

INSIDE . . .

Cinco de Mayo Fete Planned ......5 

Naval Weapons Center

China Lake

California

# Ultrasonic Data Link being developed as aid to shipboard communication systems

A shipboard communications system using steel beams and bulkheads instead of cables and wires to transmit fire alarms and other signals is under development by the Electro-Optic Sensors Branch of the Fuze and Sensors Department's Sensor Systems Division.

Called the Ultrasonic Data Link, the research and development program is under the direction of Myren L. Iverson, a Code 3314 project engineer.

Iverson said that using the ship's structure instead of wires and cables lessens the possibility of a communications breakdown because of fire or damage.

Where cables may melt or be severed



PRE-FLIGHT CHECK-Lt. Robert Jackson, former project pilot, indicates by his hand signal (top photo) that all is in readiness for the recent acceptance flight of the eighth and last of the QT-38A drone aircraft to be developed here. Joining Lt. Jackson in the pre-flight inspection, which involved checking the aircraft's remote control system and a visual examination to insure that there were no leaks in the fuel or hydraulic systems, was Capt. W. B. Haff, Deputy Laboratory Director, As time has permitted, Capt. Haff also has been a pilot for the Targets Division of the **NWC Aircraft Department** 

#### 8th model completed

# Top rated drone aircraft passes flight test

Department was marked by the recent acceptance flight of the eighth and last of the QT-38A drone aircraft which have been developed here.

version of the T-38 Talon, a primary trainer used by the Air Force) was in the pilot's seat for the acceptance flight, while Harlan Reep handled the remotely controlled flight remote control ground station.

Division now has in its inventory another fullscale threat simulator the Navy and Air in order to reach ceiling. Force have, and one that will be used ex- In order to achieve the new ceiling by

Another milestone in the combined efforts size target capable of all attitude supersonic enables the pilot of any chase aircraft to of the Weapons Department's Remote speed and high G turning capability. Code more easily spot the drone, and a destruct Piloted Vehicle (RPV) Technology Branch 3925 personnel carried out the QT-38 con- package was installed as a safety backup and the Targets Division of the Aircraft version program under the direction of the measure. Naval Air Systems Command's Navy Targets and Range Instrumentation until his recent move to the Electronic Systems Division, (AIR-630).

Installation of a drone control package development and limited production effort, Lt. Robert Jackson who has been involved was the primary change to the Air Force T- while John Owens was the project engineer. as project pilot for the QT-38A (a modified 38 supersonic aircraft. In addition, a system was installed for emitting smoke that

# Plans to reach new ceiling announced

The Commander, Naval Weapons Center, placed in training programs to obtain skills of the aircraft from the Targets Division's has announced recently the following needed to perform the new kind of work. measures that will be taken to achieve a 100-Everything went well, and the Targets billet cut assigned by higher Navy positions because a particular function is no headquarters. These measures will model of what is considered to be the finest eliminate the need for a reduction-in-force be placed in an equivalent position as a

tensively in NOLO (no live operator) Sept. 30, 1978, the cut will be managed in flights to evaluate the AIM-9M Sidewinder. this way: Departments have been asked to At the present time, according to Jay identify least essential functions directly Bornfleth, head of the Weapons Depart- related to the Center's mission areas. ment's PRV Technology Branch, pro- Eliminate and or size down these areas; duction of the QT-38A has been dis- and secondly, employees currently in continued due to a lack of T-38 airframes. positions in these areas will be identified so This dual engine, drone aircraft equipped that they may be either (1) placed in with afterburner provides the Navy with positions in areas that are essential and something not previously available-a full- mission related; and (2) if necessary,

during fires and other disasters, the long as the ship held together.

Although research and development presently underway deals with application of the data link in an alarm system, Iverson said voice communications may be a possibility.

The way the system works is that fire sensors are placed at critical locations in a ship. When activated, these sensors drive a data link transducer with a modulated ultra-high frequency signal.

The transducer converts the coded signal into acoustical energy which is coupled into and transmitted along the ship's structure to a central point within the ship, logically, the damage control center. At this point, a second bulkhead-mounted transducer receives the signal and converts it back into electrical signals for processing and display.

When decoded, the signal reveals the type of alarm and the location where it originated. The data link system also automatically tests the validity of the alarm signal. At the receiver end, data can be printed or displayed, and an operator can check the possibility of equipment failure. Experiments have been conducted

aboard the USS Norton Sound to determine the effects of shipboard background noise and the transmission characteristics of a the ultrasonic data link for further shipship's structure. Shipboard transmission board testing.

tests have been successful at distances to 50 ultrasonic data link would remain intact as feet. Shipboard noises had no significant affect on the data link signals.

> Research is now being concentrated on achieving effective transmission to 300 feet, since at that distance, it would be possible to communicate to a central point from any place within an average-size ship.

> Besides transmitting fire alarms, the ultrasonic data link would be useful in signaling personnel in parts of a ship not serviced by sound-powered telephones or other means of electronic communications, Iverson said.

**Demonstration Model Built** 

During the first phase of the ultrasonic data link project, a demonstration model of the system was constructed by Mits Hata, a Code 3312 electronics engineer. Project personnel also investigated the characteristics of transmission through steel beams. Tests aboard the Norton Sound were conducted during the second phase.

Presently, in cooperation with local project personnel, the Physics Department at the Naval Post Graduate School, Monterey, Calif., is working on means for improving transducer coupling and a new ultrasonic transmitting transducer.

Meanwhile, at NWC, signal coding schemes are being developed which will be incorporated into an improved version of

# **AQAN Lawrence Lenz honored** as Sailor of Month by VX-5

March Sailor of the Month is Fire Control Technician Airman Lawrence P. Lenz.

AQAN Lenz hails from Merced, Calif., and reported to VX-5 last October. He is a A4M / TA4J Skyhawk plane captain assigned to the Line Division.

He joined the Navy under the delayed entry program in June 1976 and began

John Keen, QT-38A program director

Warfare Department, directed the

During the three years which have

(Continued on Page 5)

Departments may have to abolish some

longer needed, however, the employee will

reassignment in lieu of reduction-in-force.

In order for Command to achieve the

placement of employees in equivalent

positions the following actions will occur

-Select series will be frozen. (That is, no

new hiring until all affected employees are

-Require training for some employees so

that they may acquire the necessary skills

(Continued on Page 5)

that may create some uncertainty:

placed).

for new work.

Air Test and Evaluation Squadron Five's recruit training after graduating from Merced High School the following January. six months before the rest of his class.

Following recruit training at the Naval Training Center, San Diego, AQAN Lenz attended Aviation Fire Control "A" School at the Naval Air Technical Training Center, Memphis, Tenn., where he studied radar and computer guidance systems.

Next, he was assigned to A6 familiarization school at Whidbey Island



Naval Air Station, Oak Harbor, Wash., and

then reported to VX-5. In the letter nominating him for the Sailor

of the Month award, AQAN Lenz was cited for being extremely conscientious, dedicated and outstanding.

It noted that his qualifying as an A4 plane captain in only 28 days was "a most out-

(Continued on Page 3)

#### Page Two

# **Daylight Saving Time to start — set** clocks ahead 1 hour Saturday night

The annual changeover to Daylight Saving Time will take place at 2 a.m. Sunday

The simplest way to keep abreast of the correct time is to remember to set all clocks ahead one hour before retiring for the evening on Saturday.

The hour that is lost this weekend, will be regained next October in California when the return to Pacific Standard Time is due to take place.

The concept of daylight saving time is not new. Benjamin Franklin was in favor of rearranging the daylight hours to conserve candles and provide more time for outdoor work.



# **New books listed** at NWC library

A complete list of new books is available in the NWC library. Library hours are Tuesday thru Friday: 1-9 p.m.; Saturday: 12-6 p.m.

Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library. FICTION

Brian Aldiss-Galactic Empires. Jon Cleary-High Road to China. Richard Frede-The Pilots. Douglas C. Jones-Arrest Sitting Bull. James Jones-Whistle. NON-FICTION

Robert F. Drinan-Honor the Promise America's Commitment to Israel. George Uwe-In the Deserts of the World. Marvin Harris-Cannibals & Kings: The rigins of Cultures.

Frederick Sontag-Sun Myung Moon and the Unification Church.

Janet Stone-Speaking Up: A Book for Every Woman Who Wants To Speak Effectively.



China Lake, California Rear Admiral William L. Harris

NWC Commander R.M. Hillyer **Technical Director** Dr. Robert H. Pearson

Head, **Technical Information Department** 

> Don R. Yockey Editor **Dan Tikalsky** Associate Editor **Gizelle Matulef** Editorial Assistant Ron Allen Staff Photographer

By setting clocks ahead and following the same hourly routine, more of a person's waking hours are hours of daylight. This gives an extra hour of light to motorists during the evening rush hour traffic and an extra hour of play for children who aren't allowed to stay out after dark.

The practice of advancing clocks for the summer was first adopted in the United States during World War I as a measure to conserve fuel by eliminating the need for artificial light in the early evening.

During World War II, clocks were kept ahead continuously from February 1942, to September 30, 1945. During this time in England, time pieces were advanced two hours during the summer (they called it "double summer time" and one hour for the rest of the year.

For years after World War II, people across the country continued to observe daylight saving time just because they wanted to. They liked the extra hour of light in the afternoon. But not everybody did it, and those who did, were not consistent.

In 1966, Congress finally came to terms with the problems caused by the inconsistencies in the observance of daylight saving time. The passage of the Uniform Time Act required that all states observing daylight saving time would switch over at the same time.

In areas where day-light saving time is observed, clocks are now set ahead on the last Sunday in April and back to standard time on the last Sunday in October.

Exceptions are the states of Arizona, Hawaii, and most of Indiana, and the territories of American Samoa, Puerto Rico and the Virgin Islands.

At all in these places, Daylight Saving Time is not observed.

#### Chef's dinner specials slated Tuesdays at COM

The Commissioned Officers' Mess will feature a variety of chef's dinner specials every Tuesday night from 6 to 9 o'clock during the month of May.

Membership night in May is scheduled on Friday, May 26, with dancing, a floorshow, and doorprizes being planned around a menu offering the COM's famous steamboat round buffet.

As an assist to those in charge of making plans for this event, COM members are urged to make reservations early by calling companied to China Lake by his wife, Jan Fena at 446-2549.

# **Church Women United to observe May**

Fellowship Day with worship, luncheon

May Fellowship Day will be observed by Valley Christian women. Church Women United at St. Michael's Church Women United is a world-wide Episcopal Church in Ridgecrest next group which observes three annual events Friday, May 5.

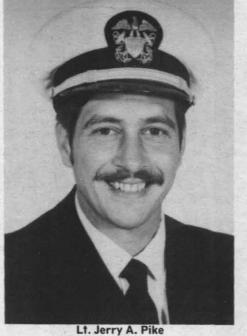
The annual observance will begin with a luncheon at 11:30 a.m. A worship service will follow the luncheon. Father John Patterson, Rector of St. Michael's, will address the gathering of Indian Wells



**News Stories** Tuesday, 4:30 p.m Photographs Tuesday, 11:30 a.m.

Phones

The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.



# Exchange pilot in Australia now on duty at China Lake

Lt. Jerry A. Pike, a naval aviator who recently reported here for duty from Australia, has been assigned to duty as the production control officer in the Aircraft Department's Aircraft Intermediate Maintenance Division.

For more than two years, Lt. Pike was one of a half dozen officers participating in the U.S. Navy's personnel exchange program with the Royal Australian Navy. He was on flying status and flew A4-D Skyhawks from the Royal Australian Naval Air Station located near the town of Nowra-approximately 100 miles south of the City of Sidney.

#### Assigned to Attack Squadron

Lt. Pike, a graduate of Hartwick College in Oneonta, N.Y., with a BA degree in biology, entered the Navy through the Aviation Officer Candidate Program. After receiving his "wings of gold" in January 1969, he was assigned to Attack Squadron 105, based at Cecil Field, Jacksonville, Fla. While with VA 105, he made one Mediterranean cruise and another cruise in the Western Pacific during which he flew 150 missions as a Corsair II pilot over Vietnam from April 1972 to January 1973. Upon returning to the U.S., he served as a flight instructor with Training Squadron 21 at Kingsville, Tex., from June 1973 until November 1975, when he was sent to Australia

Lt. Pike, who is married, was ac-Linda

during which Christian women of all

denominations gather for prayer and

worship. Besides May Fellowship Day, the

organization observes World Day of Prayer

in March and World Community Day each

The organization is ecumenical in pur-

pose and supports the World Church Service

which provides food, clothing and other

items to developing countries and aids in

times of disaster. The service also supports

Funds raised by local women support

Church Women United's world-wide efforts

as well as community charitable and

religious causes. Last year, funds collected

during May Fellowship Day were given to

the Salvation Army, the Christian Pilots'

The Church Women United invite all who

are interested to attend the May 5 luncheon

and worship service. There is a \$2.25 charge

for the luncheon, and reservations should be

made no later than Tuesday by calling Lou

Burrows, who is in charge of this year's

arrangements, phone 375-9597 or Connie

Schuchman, at 375-9108.

Association and the Leukemia Fund.

churches in developing countries.

November.

# PROMOTIONAL OPPORTUNITIES

Unless otherwise specified in the ad, application or 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 mployment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previou upervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal pportunity employer and selection shall be made without discrimination for any nonmerit reason. The ninimum 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

Program Analyst, GS-345-7, PD No. 7832026, Code 32703 (Promotion potential: GS-11). This position is located in the Systems Applications Office, Propulsion Systems Division, Ordnance Systems Department. The incumber assists senior personnel in the analysis of plans and ob eclives formulated by program sponsors for future propulsion systems. Assists in ascertaining the means and methods by which the division may contribute to meeting such plans and objectives and assists in the preparation of proposals, justifications, and the creation of "salable" packages. Assists in preparing data in final form for presentations briefings, orientations, and response to ponsor requests and inquiries. Participates in meeting with other activities or contractors and prepares and presents oral and written reports as necessary. Jol Relevant Criteria: Demonstrated ability to analyz complex information and draw sound conclusions; ability o communicate clearly, concisely, and correctly, both orally and in writing; skill in interpersonal relationships ability to coordinate long-term projects.

Clerk-Typist, GS-322-4, PD No. 7545086, Code 3263 -Applications from status eligibles will be accepted. The ncumbent is secretary in the Weapons Systems Branch Ordnance Systems Department. This position is located at 1 Hussey. Incumbent types technical data, letters, and moranda, frequently from handwritten draft; receives and refers telephone callers and visitors; writes intra Center memoranda and letters of transmittal; processes both incoming and outgoing mail; maintains files; serve as custodian for classified branch material. Job Relevant Criteria: Ability to operate IBM Mag Card typewriter with speed and accuracy; knowledge of security procedures concerning classified documents; skill in interpersona relationships; ability to perform a wide variety of lerical / secretarial functions (filing, mail handling, travel arrangements, etc.); ability to communicate correctly and concisely in writing. File applications for the above with Mary Morrison

Bldg. 34, Rm. 210, Ph. 2393 Secretary (DMT), GS-318-5/6, PD No. 7488007N, Code 941 - This position is located in the Administrative Ser vices Office of the NWC Branch Clinic, China Lake. The employing office is the Naval Regional Medical Clinic Long Beach, CA. Incumbent serves as secretary to the -in-charge and is responsible for the effect (Continued on Page 7)



#### DIVINE SERVICES

DIVI	AL SERVICE		
	PROTESTANT		
Sunday Worship Service		1015	
Sunday School — All Ages		0900	
Sunday School	Classes are held in Chape	Annexes	
1, 2, 4, (Dorms	5, 6, 8) located opposite th	ne former	
Center Restau	rant.		
Communion Se	ervice first Sunday of the	Month.	
	ECUMENICAL		
Wednesday Noon Bible Study		1130	
Thursday Men's Prayer Breakfast		0630	
	ROMAN CATHOLIC		
and the second	MASS		
Saturday		obligation	
Sunday		700 fulfills Sunday obligation 0700 0830 1130	
Nursery, Cha		0815-1245	
	aturday, 1135, Blessed S		
Daily except 5		Chapel	
	CONFESSIONS	Chaper	
Daily	the second se	1115 to 1130	
Saturday	the second se	1615 to 1645	
Sunday	A LOSS MADE AND A LOSS	800 to 0825	
	OUS EDUCATION CLASS		
Sunday	First thru 6th grades	1015	
	re-school & kindergarten	1115	
	& eighth (Junior High)	1900	
	are held in the Chapel		
	e former Center Restau		
Sunday evening As announced	Ninth thru 12 "In Home" Discussion		
Asannounced		and the second second	
Contrast Charles	in's Office for specifics	th Rallies	

Contact Chaplain's Office for specifics. JEWISH SERVICES EAST WING-ALL FAITH CHAPEL 1930 Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Sunday Services-(Sept.-May) 1930

April 28, 1978



# Leslie Leckey Local girl to vie in high school national judo competition

Leslie Leckey, a 15-year-old sophomore at Burroughs High School, is scheduled to leave next Thursday, May 4, on a flight to Honolulu, where she will compete in the high school national judo competition the following Saturday.

The local girl, who is the daughter of Judy Leckey, an NWC employee in the Management Analysis Branch of the Office of Finance and Management, will be entered in the 115 to 125 lb. class for girls 15 to 19 years of age.

In order to be eligible for the national competition among high school judo experts, Miss Leckey not only had to win, but had to do so impressively at a regional tournament held two months ago in Los Angeles.

In addition, all entrants in the national finals in Honolulu also must have earned a second degree brown belt in judo.

This will be the toughest competition yet faced by Miss Leckey, who is a member of the China Lake Judo Club, and is a previous winner of junior national titles which she won at ages 12, 13 and 14.

# Youth soccer teams mix it up in pair of hard-fought games

A pair of exciting games were played last Saturday morning between teams entered in the American Division (for youngsters in the first through fourth grades) of the Youth Center Soccer League.

The Apollos staged a rally late in their game with the winless Thunderbirds to overcome a 2-goal lead and win by a final tally of 3-2.

In another hard-fought game, the Eagles chalked up their first victory of the season by upsetting the Spirits, 2-1.

With his team trailing the Thunderbirds 2-0, Greg Phillips scored two goals for the Apollos to make it a 2-2 ball game before the tie-breaker was booted into the net by Nick Holzer of the Apollos two minutes before the end of the 40-minute contest.

Holzer scored from the penalty spot after an infraction of the rules for handling the ball was called against a player for the Thunderbirds.

Standout player on defense for the Apollos, who lead the American Division with a record of two wins and a tie, was Tony Haaland.

In the Eagles' 2-1 win over the Spirits, the victors were paced on offense by Doug Dragovich, who accounted for both scores for the Eagles.

Despite the excellent defensive play of Sam Maddox of the Eagles, who was matched man-for-man against Kevin Featherston of the Spirits, Featherston did manage to break through for one goal, but it wasn't enough stave off the defeat by the Eagles.

During part of his 22-year career at the Naval Weapons Center, this week's Employee in the Spotlight worked on weather control projects. Now, following his retirement, he plans to grow vegetables under controlled weather conditions.

Otho Hart, a Code 3621 general mechanical engineer, retired Tuesday; and, he said, "I've had a whale of a good time seeing work grow from a gleam in someone's eye to full fruition."

One of those gleams involved a weather modification project codenamed "Cyclops" which was under the direction of Dr. Pierre St.-Amand, head of the Earth and Planetary Sciences Division of the Research Department

Hart said that he was on the project's team in the early '60s when it conceived, built, tested and finally deployed a device to the Caribbean which was successful in its objective.

Hart's work with weather modification, however, had nothing to do with his decision to take up hydroponic gardening - the growing of plants in nutrient solutions under controlled atmospheric conditions.

That decision came about as an outgrowth of his interest in farming and farm machinery.

Interested in Farm Machinery

"I've always been interested in farm machinery," he said. In recent years, this interest has turned to modern equipment that performs interesting and unusual

"Can you imagine," he asked, "a machine that can pick up a watermelon or cantaloupe, check to see if it is ripe, then either pick it or put it back?"

This unusual machine thumps a melon and determines whether it is ripe or not by means of sonic sensors. So, it appears, there is good judgement involved in thumping a watermelon, Hart pointed out.

Hart has grown lettuce, peas, cantaloupes, and cabbage in his hydroponic greenhouse. "We've had tomatoes since November, strawberries for a month and so many cucumbers that my wife has made more pickles than we know what to do with," he said.



"My idea is to make ourselves selfsufficient for vegetables, and that may be by next year or sooner," he said.

"It's not so much how much money can be saved, but being able to have the vegetables you want during off-seasons," he said.

Hart advises anyone interested in hydroponic gardening to do a lot of reading before they start. However, he said that commercial hydroponic gardens produce up to four times the crop of an ordinary garden.

His off-duty time hasn't always been devoted to hydroponics. In the past he was vice-president of the China Lake Community Council and was president of the Desert Ceramics Club. He has also divided his outside interests with hunting and fishing.

Hart began his federal service career as a apprentice machinist at the Naval Air Station, Norfolk, Va., in 1941. After attending the Virginia Polytechnic Institute for two years, he came west to Arizona and enlisted in the Army Air Corps in 1946.

He spent a year in Germany and participated in the Berlin Airlift as a crewmember in C54's. After his Army service, he attended the University of



VX-5 CHIEF PETTY OFFICER COMMENDED-On behalf of Vice Admiral R. P. Coogan, Commander, Naval Air Forces Pacific, a citation for outstanding performance of duty was presented recently by Capt. L.E. Giuliani (at left), Commanding Officer of Air Test and Evaluation Squadron Five (VX-5), to AOC R.L. Wilson, supervisor of the VX-5 Ordnance Shop. Chief Wilson was commended for the way in which he handled the training of Attack Squadron 93 personnel in conventional weapons loading procedures for the various types of ordnance carried by the A-7E Corsair II aircraft. Chief Wilson (then an aviation ordnanceman 1st class) was the Attack Squadron 93 Ordnance Shop supervisor from April to September 1977. It was noted in the citation which Chief Wilson received that he trained all of the armament personnel of Attack Squadron 93 for the Conventional Technical Proficiency Inspection which was conducted early in a transition to the complex M61A1 gun system, and that the inspection was "completed with zero discrepancies." Chief Wilson's efforts, it was added, "were reflected in the high level of squadron readiness and pilot training in ordnance delivery." -Photo by PH1 R.L. Ziesler

Arizona in Tucson, but was recalled to active military service in the Air Force during the Korean War.

Following graduation from the University of Arizona with a BS in mechanical engineering, Hart began work at the Naval Ordnance Test Station in 1955. He said the biggest change he has noticed here during the past 22 years is that the atmosphere on the Center used to be like "one big family because almost everyone lived on the base."

Now, he said, so many people have moved into Ridgecrest that the feeling of togetherness has lessened. Hart and his family, themselves, moved into town about four years ago.

Four Children in Family

He said that years ago he told his wife: "You put me through college, and I'll put you through life;" so, Winona (known by her friends as "Trick") stayed home and raised their four children: Jane, a medical technologist in San Diego; Karen who is studying cosmotology in Long Beach; Nancy, a local teacher's aide; and Stephen, 15

He has put Winona "through life" by working at the Center. He has received two patents for fuzing devices and was once a member of the Joint Army, Navy, Air Force Fuze Committee.

"I've worked with some of the most capable, diversified and just plain finest people imaginable. I can safely say that because of them. I have had a wonderful job," he said.

#### Garage sale slated by AAUW today, tomorrow

Bargain-hunters will have a field day today and tomorrow at the first annual garage sale of the China Lake-Ridgecrest Branch of the American Association of University Women (AAUW).

The AAUW has been collecting salable items for the last several months, and donations range from clothing to perfumes to a silver tea service.

The sale will be from 9 a.m. to 6 p.m. today at 101-B Blue Ridge Road, China Lake, and at 624 Scott, Ridgecrest. Tomorrow's time and location are 9 a.m. to 3 p.m. at 624 Scott.

Funds from the sale will be used to sponsor the AAUW's activities and projects for the year, including a revision of the popular "Indian Wells Valley Handbook."

# **Opportunities...**

(Continued from Page 2)

operation of his office and the management of his time and schedule. The incumbent performs such duties as maintaining all files, typing letters, memoranda, opening, screening and routing mail, answering and screening phone calls, greeting and assisting visitors, handling and rolling classified material. Job Relevant Criteria: Ability to type efficiently and accurately, knowledge of Center organization and policies, knowledge of CHAMPUS program, ability to communicate and deal tactfully with people, reliability and dependability. File applications for the above with Cathy Rivera, Bldg.

34, Rm. 206, Ph. 2723. Electronics Engineer, GS-855-12, Code 3142, PD No.

7831032 - This position is Head, A6/7 Simulation Branch, Avionics Division, Systems Development, The primary function of the branch is to provide technical support to the A6 and A7 programs in digital simulation and operational flight program validation. This support includes hard ware / software systems analysis, hardware / software specification, real-time multi-computer programming. peripheral and associated equipment design, procurement, fabrication, test, maintenance, and operation of A6/A7 Mission Simulation Facility. The incumbent provides technical direction for all phases of this work. Job Relevant Criteria: Ability to supervise. knowledge of digital computer systems; knowledge of integrated attack aircraft weapons systems; ability to communicate effectively in both oral and written form. Promotion Potential: GS-13 contingent upon high grade allocation factors and future classification approval.

File applications for the above with Pat Gaunt, Bldg. 34 Rm. 212, Ph. 2514. Police Officer, GS-083-1 / 4, PD No. 884015, 7484018, Code

2413 - This position is that of police officer and is located in the Police and Security Operations Division of the Safety and Security Department. The incumbent will train in all aspects of law enforcement. This training will be both of a formal and informal nature. He will patrol his assigned area with a senior police officer, conduct preliminary investigations, and prepare reports. Job Relevant Criteria: Knowledge of law enforcement methods and principles; ability to work in stress situations ; ability to communicate effectively both orally and in writing; ability to exercise good judgment; ability to deal factfully with others. Qualification requ GS-4, 2 years law enforcement experience; GS-3, 1 year law enforcement experience; promotion potential GS File applications for the above with Ch Sieckowski, Bldg. 34, Rm. 308, Ph. 3118.

Page Six

# nwc rocketeer **SPORTS**

# 5-mile run staged by **Over-Hill Track Club** won by Mark Pohl

Mark Pohl made a strong sprint to take first place overall in the Over-the-Hill Track Club's High Desert Escapade 5-mile race last Saturday. The race began and ended at the Kern County Regional Park in Ridgecrest.

Pohl completed the circuit in 29 min., 43 sec., and Bob Smith was close behind. He crossed the finish line 2 sec. later-being clocked at 29:45. Third place went to Scotty Broyles, whose time was 30:45.

In the following 30 sec., five more runners finished the race. In order, beginning with the person in 4th place were: Norm Nieberlein, Paul Storey, Dane Rugg, Mike Hartney and Ray Jacobson.

Medals for placing first in the age-group categories also went to Pohl (men under 30 years), Smith (men 30 to 39 years) and Broyles (men 40 to 49). Other age-group first place winners were Bob Gilkinson (men over 50), Julie Smith (women over 30), David Bens (novice men under 30), Jerry Banister (novice men over 30), Linda Bens (novice women under 30) and Cheryl Rindt (novice women over 30).

Medals were also presented to runners who placed 2nd and 3rd in the competition among various age groups. Recipients were Paul Storey, Larry Kassebaum, Mike Hartney, Mike Stringham, Norm Nieberlein, Dane Rugg, Suzanne Haney, Keith Burrows, Frank Mazer, Jack Johantgen, David Burdick, Christel Dunn, Diana Lemon, Jo Burdick and Lynne Gill. .The Over-the-Hill Track Club's next race will be a 10-mile run on Sunday, May 7, from the intersection of U.S. Highway 395 and China Lake Boulevard along the old road to Inyokern Park.

The race will begin at 9 a.m. and entrants may sign up for the event beginning at 8 a.m. An entry fee of \$3.50 will be charged.

# Table tennis tourney planned May 9-11 at **Community Center**

Plans have been announced for a table tennis tournament, sponsored by the Special Services Division, that will be held at the Community Center from 5 to 10 p.m. on May 9, 10 and 11.

Entry forms can be obtained now at the Community Center or in Ridgecrest at Sports Etc., as well as at the Cerro Coso Community College student center. There is a \$1 entry fee, which is payable at the Community Center prior to the start of tournament play.

In preparation for this event, the Community Center will be open for practice by on base tied the score at 2-2 in the top of the prospective table tennis tourney entrants on Thursday and Friday, May 4 and 5, as well as on Monday, May 8, from 6:30 to 9:30 p.m. William Chan will be the tournament

referee, and international table tennis rules will be observed. NWC certificates will be awarded to the winners and runners-up in each division.

The competition is open to all interested persons, and will be divided into men's, women's and seniors' (over 35), boys' and girls' singles events, as as well as men's doubles and mixed doubles-providing that there are at least four entries for each division.

Participants will be required to wear dark, solid color clothes and soft soled shoes.



April 28, 1978

# China Lake soccer team loses, 4-2, to **Edwards AFB team**

An unusual pattern which has voided the customary home team advantage so far this spring in matches between the China Lake and Edwards Air Force Base Soccer Clubs ran true to form again last Saturday afternoon, when the visitors from Edwards defeated the China Lakers, 4-2.

The local team has now lost twice at Davidove Field to the Edwards AFB team, but has managed to outscore the Fliers when playing on their home field.

Within a few minutes of the opening kickoff last Saturday, Klaus Schadow booted home a goal for the China Lake team, and Tom Hennen ended the scoring for the day with another goal for China Lake shortly before the game ended.

In between these two goals, however, the China Lakers couldn't get their offense or defense playing together well enough to either score more often or shut down their opponents, who tallied four times in posting a 4-2 victory.

The Edwards AFB team will be joining a league in the San Bernardino area in May, but will continue to play occasionally at China Lake. The local adult soccer club also plans to join this same league in the fall, but only if several more players can be trained during the summer in order to build up the team's roster to about 30 players.

Anyone (experienced or not) who is interested in joining the China Lake Soccer Club's adult team can do so by simply attending the workouts which are held each Tuesday and Friday, starting at 5 p.m., at Davidove field.

# Slow pitch softball tourney scheduled at Schoeffel Field

Five local teams and six from out of town will compete tonight, tomorrow and Sunday in a slow pitch softball tournament at Schoeffel Field.

The first game of this tourney, which has been arranged by the NWC Special Services Division, will be played tonight at 6 o'clock between VX-5 and a team from the Fallon (Nev.) Air Station. Also slated tonight is an 8 o'clock contest

between Homestead and Title Service. another team from Fallon, Nev.

First round action in this double elimination event will resume at 8 a.m. Saturday when a local military team (the Marauders) will take on Nellis AFB from Las Vegas.

The schedule of other first round games on Saturday is as follows:

Blacksheep vs. May-Tool of Claremont, 9:15 a.m.; the Tribe from San Gabriel vs. the winner of the VX-5 vs. NAS Fallon game at 10:30 a.m.; Pt Mugu vs. the winner of the Homestead and Title Service clash, 11:45 a.m.; and the Zephyrs vs. the winner of the Marauders vs. Nellis AFB game, 1 p.m.

The tournament championship contest is slated at 2:15 p.m. Sunday. Players on the first and second place teams will receive individual awards, their sponsors will also receive trophies, and there will be a "most valuable player" award based on the votes of coaches of the teams entered in the tourney.

#### Sign ups underway for racketball tournament

Entries are now being taken for a racketball tournament which is to be held on May 12, 13 and 14 at the NWC racketball courts.

Men who sign up and pay the entry fee of \$2.50 each will be placed in advanced, intermediate or novice divisions-depending upon their playing ability. There also will be an advanced and novice division for women entrants.

Registration is being handled at the NWC gym office, and entries are due no later than next Thursday, May 4.



DEFENDER MOVES IN — Hoping to force a player for the Edwards Air Force Base soccer team to the outside, Steve Lee (at left), fullback for the China Lakers, cuts over and tries to position himself in such a way as to prevent a straight shot at the goal by an opposing player. This bit of action took place during last Saturday afternoon's game which was won, 4-2, by the Edwards AFB Fliers.

# Losing streak of Burroughs varsity baseball team extended to 10 games

Burroughs High School's varsity baseball team scored a total of 11 runs-three more than its total for eight previous Golden League encounters this season-but still came up winless in a pair of league tilts played this past week.

The local team's losing streak was extended to 10 games in a row in league competition as a result of losses to Saugus and Canyon High School by scores of 8-6 and 8-5, respectively.

The Burros spotted the visitors from Saugus High five runs, but then came up with a 6-run rally in the fifth frame of last Friday's game to go ahead by a single tally. Victory eluded the locals in the seventh

inning, however, when with bases loaded and two outs, Greg Waycott, of Saugus, came through with a Texas Leaguer that dropped into short right field for a hit that cleared the bases and gave the Centurions an 8-6 win.

The Burros' 6-run outburst in fifth frame was highlighted by a bases-loaded triple off the bat of Jim Peck, which accounted for three RBIs. Peck then scored on a single by David Cane.

Before Peck came to bat in the fifth, backto-back singles by Kevin Kumferman and Art Sterrett, and a walk issued to Bill Bradberry put three men on base. Randy Radcliff singled to drive in one run and a second run was forced in on a walk.

#### **Cowboys Start Fast**

In Tuesday afternoon's game at Canyon High School, Tino Arispe, the Cowboys' lead-off batter, started things off with a ole, the next batter (Dave Smith) was hit by the pitcher, and a walk then loaded the

Before the Burros could retire the side in the bottom of the first inning, Arispe scored from third when another walk was issued, and Dave Smith tallied on a ground ball that was turned into an out at first base.

The Cowboys' lead was short-lived, however, as a double by Peck with two men second

Canyon High took advantage of two walks and an error to tally a single run in the fourth frame, only to have the Burros bounce back with three runs to take over the lead, 5-3, in the top of the fifth.

In this inning, the BHS team loaded the bases on hits by Bob Christiansen and Terry Gaunt and a walk issued to Radcliff. Another base on balls forced in Christiansen. Gaunt tallied on a sacrifice fly hit to right field by Peck, and Radcliff scored on a pass ball that got away from the Canyon High catcher.

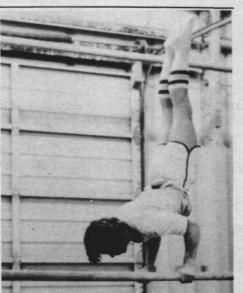
The Cowboys clinched the game with a 5run rally in their half of the fifth. The leadoff batter was safe on an error and Ralph Wagner doubled to give Canyon runners on second and third with no outs. Jerry Strickland, the next batter, was safe on an error to load the bases.

A walk issued to Paul Smith forced in one run, and Ariste banged out his second threebagger of the game which drove in three more runs.

Another triple, this time off the bat of Frank Steven, brought in Ariste with the Cowboys' final run of the game in their 8-5 win over Burroughs.

A sixth inning threat by the Burros, who filled the bases on two walks and an error, ended with two strikeouts by relief pitcher Dave Smith.

Next Golden League action for the BHS varsity is scheduled here at 3:30 p.m. today against the Quartz Hill Rebels, and the season will end next Friday, May 5, with a game at Hart High School in Newhall.

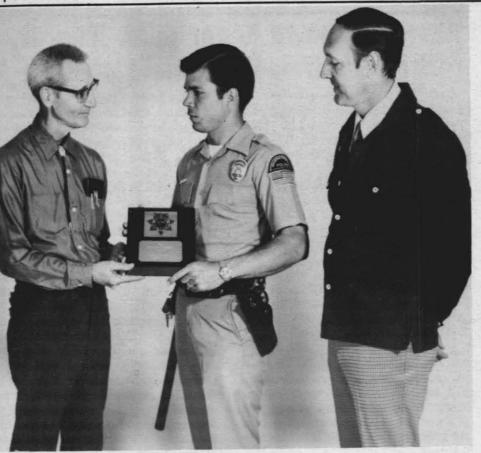


GYMNASTICS SHOW SET-Roger Butterfield gets ready for a gymnastics show which will be held tonight and tomorrow night at 7:30 at the Burroughs High School gym by practicing a hand stand on the parallel bars. Butterfield is a member of the BHS gymnastics team. The show is being staged to raise funds needed to pay for equipment, travel to out-of-town events, and for bringing judges here to officiate at local gym meets. Members of the City of Ridgecrest's Hidesert gymnastics team and the Burroughs High School gymnastics teams will be demonstrating their skills on the vaulting horse, balance beam, uneven and even parallel bars, high bar, mini-trampoline, and floor exercise mat. Tickets, which will be on sale at the gymnasium box office prior to each night's performance, are priced at \$1.50 for adults and students, and 75 cents for senior citizens and children from 6 to 12 years of age. Youngsters 5 years of age and under will be admitted free.

April 28, 1978



**Page Three** 



TOP MAN IN CLASS - W. E. Davis (at left), NWC Director of Safety and Security, congratulates Lawrence Lesniak, a new China Lake police officer, after the latter returned with a plaque which he received for placing at the top of his class of police recruits and new deputy sheriffs who attended the 14-week Basic Law Enforcement Academy course that ended last Friday in San Bernardino. Looking on at right is Steve Kaupp, police chief at China Lake.

# **China Lake police officer finishes** at top of training class for recruits

Lawrence Lesniak is off to an impressive start as a police officer at China Lake. A former guard for the China Lake Police Division for a year, Lesniak was graduated at the top of his class last Friday from the Frank Bland Criminal Justice Regional Training Center in San Bernardino.

This is the first time that a China Lake police officer sent for training to any of the various law enforcement academies that are available for this purpose has done this well, Steve Kaupp, head of the China Lake Police Division, stated.

A group of 44 police and sheriff's department personnel from San Bernardino County and other law enforcement agencies began this 14-week course, which covers all aspects of police work at the entry level for recruits, and 31 completed it.

The trainees studied and were exposed to the wide variety of subjects that a new police officer or deputy sheriff is confronted with. This included the numerous laws that regulate citizens' behavior, arrest procedures, search and seizure techniques, weapons training, instruction in the laws of evidence, criminal scene investigation and the type of investigation that is required at

#### Sailor of Month...

(Continued from Page 1)

standing account The nominating letter also noted that he "contributes significantly to the high

morale of his shipmates," wears his uniform "with great pride" and is consistently outstanding in his performance and devotion to duty. AQAN Lenz enjoys duty at China Lake

and likes to spend his spare time exploring the desert. "It gives me time to get away and think, "he said.

He also plays the guitar and has composed songs which he classifies as "in between rock and contemporary.

"I wouldn't think of trying to sell them," he said. "They're mine; something that I have that no one else does."

**Rewards for Selection** 

Because of his selection as VX-5's sailor of the month, AQAN Lenz will enjoy one month without standing duty watches, a 72hour special liberty and can use a reserved parking space near the hangar entrance for a month.

He will also receive a squadron plaque and a letter of recognition from Capt. L. E. Guiliani, VX-5 Commanding Officer, and his photo will be displayed with other squadron Sailors of the Month.

the scene of a traffic accident.

The course placed the candidates for graduation under both physical and emotional stress, Lesniak said, during daily classes that began at 7 a.m. and (on some days) continued until 9 or 11 p.m. when simulated emergencies were involved. Physical Conditioning Tough

Physical conditioning was a part of the regular routine, and there were a couple of 7- and 8-mile runs to test the endurance of the trainees

At the conclusion of this training, Lesniak was singled out as the top student overall, based on his scores in academic and field problems, weapons proficiency and physical training. He received a plaque in recognition of this accomplishment.

Lesniak was congratulated for his excellent showing by William E. Davis, NWC Director of Safety and Security, and by Police Chief Kaupp, who described Lesniak as "a very conscientious and determined young man who puts 100 percent effort into everything he does."

During his year-long stint as a guard with the China Lake Police Division, Lesniak patrolled the various Naval Weapons Center range and restricted areas.

# **Rescue mission successful due to** skillful job by helicopter pilot

hairy," an injured member of a National Parks Service cross-country ski team last Friday afternoon was lifted safely out of a steep, snow-covered mountain canyon in the Sierras west of Independence and flown to the Inyo County Hospital in Lone Pine.

"There was no time to relax on my part, and the twin-engine UH1N 'Huey' helicopter had to function flawlessly," Lt. J. E. Everson, Aircraft Branch officer in the NWC Aircraft Department, stated as he recounted details of the successful rescue effort.

Because there was no place to land near the injured skier, Lt. Everson first dropped down some 20 yds. from the victim and crewmembers PR3 Robert F. Alexander Lake to bring out the injured woman. and HN Richard Janushan jumped out into the deep snow.

With the help of another ski team member who stayed with the accident victim, 21year-old Michelle Orpetal, the two Navy enlisted men bundled her into a litter and then signaled for Lt. Everson to bring down the helicopter, which had been hovering well above ground level.

Steady Nerves Required

This time, however, Lt. Everson had to hold the aircraft steady while just barely resting the front tips of the landing skids on the snow-covered slope. Winds that were slightly gusty complicated this maneuver, yet Lt. Everson managed to keep the helicopter in position for approximately 10 minutes while the injured skier was hoisted aboard with the assistance of ADJ2 Bill Hornbaker, helicopter crew chief who had remained on the "chopper."

PR3 Alexander, HN Janushan, a hospital corpsman from the airfield sick bay, and a companion of the injured skier then scrambled into the helicopter before it could take off

The incident which led to the request for a Navy helicopter began the day prior to the rescue when Miss Orpetal and four other members of a cross-country ski team were practicing their skills in the Sheppard's Pass area.

A gust of wind reportedly caught the woman member of the team, who was lifted off her feet and tumbled some 500 ft. down a

During a Navy helicopter rescue mission mountainside. Her four companions sucwhich the pilot conceded was "a little bit ceeded in reaching her and carried her about 4 miles to a canyon ledge where the helicopter pickup was made the next day.

In order to get word to proper authorities about the emergency, three of the five members of the cross-country ski team left to seek help, while one remained with Miss Orpetal, who it was later determined had suffered possible fractures of the left ankle and right shoulder.

The ski trip down the mountain took all night, but the skiers (two of them National Park Service rangers) finally arrived in Independence at around noon Friday, contacted the Invo County Sheriff's Department, and the wheels were set in motion for getting a Navy helicopter from China

Within a half-hour of receiving word of the problem, Lt. Everson and the helicopter crewmembers were on their way. They succeeded in carrying out the rescue mission, and were back at China Lake by 3:30 p.m. last Friday.

Members of the cross-country ski team were well-equipped for their overnight stay in the snow and sub-freezing temperature, so this was not a problem in the ordeal they were forced to undergo.

# Information about extra pay day in 1978 just isn't so

The announcement in the April 17 issue of The ROCKETEER concerning an "extra" pay period for 1978 was not correct. NWC will have only 26 pay periods in 1978 (as per usual).

The payroll office indicated that the announcement from the Civil Service Commission regarding the extra pay period would apply only to those activities that could hold a payday on the last day of the last pay period in 1978 (December 30, 1978). NWC's paydays are held six days following the close of each pay period.

The portion of the announcement concerning an extra leave period in 1978 is correct. The Center will have 27 leave periods this year since the "Leave Year" will end on Jan. 13, 1979.



heavy tools, fertilizer, dog food, etc. Even a spare tire is unnecessary if your tires are in good shape. Removing 100 pounds of excess weight will conserve 40 gallons of precious fuel per year and save the average driver \$25. Call the Energy Answer Man at NWC ext. 3741 for solutions to your household energy problems.

VISITORS RECEIVE MEMENTOS OF NWC-William M. Jarvis (in photo at left) and William R. B. Hynd, who were here last week to pave the way for a more formal exchange of information between the United States and Great Britain on attack weapons, Tetrapartite (U.S., United Kingdom, Canada and Australia) were the recipients of NWC plaques that were presented by Rear Admiral William L. Harris, NWC Commander, and Dr. Marguerite Rogers, head of the Systems Development Department. Jarvis is head of the British Royal Aircraft Establish- technology, and air-to-surface infrared seeker technology.



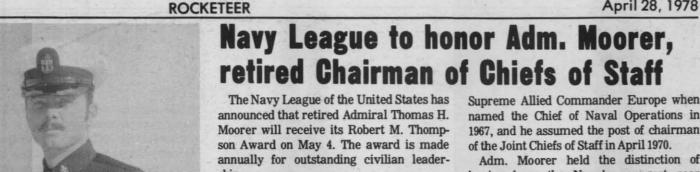
ment's Attack Weapons Department, while Hynd is superin tendent of the Unguided Weapons Division. Dr. Rogers has known Hynd for some time because of his involvement in the Coordination Committee on Generic Weapons Effectiveness. The visitors from Great Britain were briefed on terminal effects of air-to-air weapons, surface target vulnerability, laser seeker



Page Four

Friday.

Daniel Brockway.



Admiral Moorer was the Naval Ordnance Test Station's "Experimental Officer" from August 1950 to July 1952 — a title that no longer exists at the Naval Weapons Center, but one that seemed to convey the Midas touch to some who held it.

He and four other officers who held the position between 1943 and 1956 went on to become admirals. Now all retired, they are: Vice Admirals J. P. Monroe, T. F. Connolly, T. J. Walker and J. T. Hayward.

rose rapidly to flag rank, and in 1956 at 45, he was the youngest officer to become a rear admiral. VAdm. Hayward, who was NOTS' first experimental officer, was promoted to captain in that post and was the youngest officer at the time to achieve that rank.

1963 and took command of the Pacific Fleet. He was Commander-in-Chief Atlantic and

# Increased prices at **CLPL** cafeteria to take effect Monday

Board this week voted to increase the prices for food sold at the China Lake Propulsion Laboratories (CLPL) cafeteria.

will go into effect on Monday, May 1.

This action was necessary, ESB officials report, in order to increase the income of the CLPL cafeteria, which has been

The CLPL cafeteria, located at the entrance to Bldg. No. 11130 in the Propulsion Laboratories area, includes on its menu a variety of hot and cold sandwiches, hot lunch entrees and homemade desserts.

# **NWC Drill Team wins 3rd place trophy** in San Bernardino Orange Show parade

The Naval Weapons Center's Drill Team added another trophy to its case this month when it took third place in the San Bernardino Orange Show against some of the best competition in Southern California.

-Photo by Sam Wyatt

Letters of appreciation to PR1 N.D.

Carver, PR2 P. D. La Page, PRAN S. J.

Page and PRAA J. E. Diaz for outstanding

voluntary performance of duty in providing

Good conduct awards to AZ2 G. L. Rexine,

Plane Captain of the Month awards to

ADAN J. J. Pratt on the hot line and ADAN

AD2 L, D. Rose, AT2 G. M. Dant and AMH3

aircraft survival training for Tri-Fast

Program personnel:

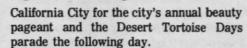
L. D. Rafael; and

J. Thompson on the cold line.

It was the team's third trophy this year. Last year, the precision marching group won 12 trophies and performed more than 30

Its most recent appearance was on April 22 at the opening of the Tierra del Sol Golf Course in California City. The team's honor guard presented the colors, and to the team's performance, the first golfer teed off to open the new course.

On May 5, the Drill Team will return to AMSAN Terrance Youngblood.



The team is supervised by ABH1 James R. Hughes and is composed of 16 enlisted men and women. It was officially formed in 1974

Members are: AN Eden Beltran, PRAN Sheree Floyd, AKAN Cynthia Harris, AMS2 Robert Howell, ABH2 Charles James, ADAN Quintin Jefferson, AN Darlene King, SH2 Arthur Lloyd, ADAN Alfredo Lujan, ADAN James Mortenson, ADAA Jonath Riddick, AMSAN Fred Snyder, AA Cheryl Twamley, PN3 Christopher Wood and

# Navy League to honor Adm. Moorer, retired Chairman of Chiefs of Staff

After leaving China Lake, Adm. Moorer

Adm. Moorer pinned on his fourth star in

Members of the Employee Services

operating at a deficit due to rising costs of food and supplies.

April 28, 1978

named the Chief of Naval Operations in of the Joint Chiefs of Staff in April 1970.

Adm. Moorer held the distinction of having been the Navy's youngest rear admiral until he was displaced by another officer with ties to China Lake - Admiral Elmo R. Zumwalt, Jr., who was 44 when promoted to two-star rank.

Adm. Zumwalt's father, now deceased, became China Lake's Industrial Medical Officer after retirement from practice in Tulare. Adm. Zumwalt relieved Adm. Moorer in 1970 to become the youngest Chief of Naval Operations in history at 49.

In 1950, Adm. Moorer relieved then Capt. Monroe and was in turn relieved by then Capt. Connolly.

Adm. Moorer was chosen to receive the Navy League award because of his contribution to creating an awareness of the need to maintain a strong military posture. It is one of several Navy League awards presented each year.

It will be presented during the organization's convention in Seattle, Wash., May 1 through 5. A board selected individuals for recognition who have made outstanding achievements in leadership, maritime affairs, science, service to community and literature which have contributed to the Navy, Marine Corps, Merchant Marine and the nation.

# Program emphasizing potential of solar The price increase, roughly 15 percent, energy slated May 3

In celebration of Sun Day, the Maturango Museum will sponsor three short presentations at 7:30 p.m. on Wednesday, May 3, at the Las Flores School in Ridgecrest.

These presentations, which are open to the public free of charge, will include information on the history of the sun, energy conservation in the home, and applications of solar energy.

Wednesday, May 3, has been proclaimed by President Jimmy Carter as "Sun Day" in order to encourage appropriate demonstrations of the sun's potential in meeting America's energy needs. The proclamation reads, in part:

#### Informed Public Important

"The Federal government and private organizations are working on programs to improve solar technology and encourage greater use of this safe, environmentally acceptable energy source. Our success, however, will depend on an informed and involved public.'

The proclamation calls upon the American people to observe the day "with appropriate activities and ceremonies that will demonstrate the potential of solar energy."

The program at Las Flores School will begin with a discussion of the sun's history, its relation to the earth, and how it affects the earth. Speculations on the future of the sun will also be included in this discussion by Jim McMahon, a metallurgical engineer in the Materials Engineering Branch of the Engineering Department and a charter member of the China Lake Astronomical Society.

#### **Conservation To Be Discussed**

Next Dick Fulmer will discuss energy conservation in the home and low-energy structures that make economical use of, dwindling natural resources. Fulmer, who heads the Energy Program Management Office in the Ordnance Systems Department, will describe the Center's program for development of a low-energy structure that uses the sun as a heat source.

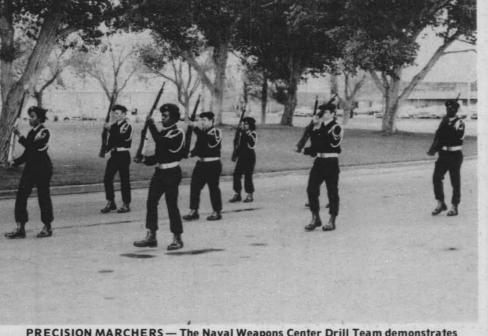
The concluding part of this short program will be given by Dale Robison, physical sciences instructor at Burroughs High School. Robison, who also teaches a class in solar energy at Burroughs Adult High School, will discuss how solar energy can be adapted for use in the home.

Sometimes the only difference between an accident and a close miss is just a matter of a fraction of an inch or a fraction of a second in timing. Don't take a chance of letting alcohol cloud your good judgement. Don't take a chance on a DWI charge either. It certainly can mess up a good day and make you a vehicle passenger instead of a vehicle driver for a full 12 month

period!

business.

complished by reassignment of individuals and the other starts at 7:30 .m. on Friday, as future vacancies occur. requested to be patient and understanding called the Spanish Speaking Program). of this effort so that it may be effectively Either session will offer EEO training implemented with the least amount of disruption to the employees affected and the work that needs to be done.



PRECISION MARCHERS — The Naval Weapons Center Drill Team demonstrates precision arms handling while marching. The group won third place in San Bernardino Orange Show competition this month.

squadron at the time. It was the first time that a squadron had undergone transition from one type of aircraft to another while deployed. Normally, squadrons return to the states for such transition. The citation reads, in part: "Chief Petty Officer Brockway's leadership, expertness in quality maintenance procedures, com-

CITATION PRESENTED - Capt. S. I Stocking, head of the NWC Aircraft

Department, presents a citation for outstanding performance of duty to AMEC

Daniel Brockway. The commendation was signed by Vice Admiral R. P. Coogan,

Commander, Naval Air Forces, Pacific Fleet. The presentation was made last

**Aircraft Dep't CPO receives** 

A citation for outstanding performance of ceremony were:

duty, signed by Vice Admiral R. P. Coogan,

Commander, Naval Air Forces, Pacific

Fleet, was presented last Friday to AMEC

Capt. S. I. Stocking, head of the NWC

Aircraft Department, made the presen-

tation during an awards ceremony before

Chief Brockway was cited for his part in

supervising Fighter Squadron 151's change

over from F-4N to F-4J aircraft while

aboard the carrier USS Midway on duty in

the Far East. He was assigned to the

assembled members of the department.

citation from ComNavAirPac

prehensive knowledge of the H-7 Martin Baker Ejection Seat and environmental systems resulted in the timely completion of the numerous and demanding transfer and acceptance inspections."

Chief Brockway is assigned to the Airtenance Branch. He reported to China Lake last December.

#### RAdm. Harris Cites Airman

Also honored was ADAN Bruce K. White who received a letter of appreciation from Rear Admiral William L. Harris, NWC Commander. ADAN White, a plane captain, was cited for discovering a damaged nose wheel strut grease seal and retaining ring on a visiting aircraft that was being refueled here.

RAdm. Harris noted that ADAN White's "thorough and professional inspection" averted what "could easily have resulted in the loss of an aircraft."

During the awards ceremony, Capt. Stocking also presented letters of appreciation to Lt. L. D. Gorans and AKC G. E. Wilmot from the Commander of the Naval Air Engineering Center, Lakehurst, N. J.

Gratitude was expressed for assistance in repairing two of the Engineering Center's aircraft.

The awards ceremony was held in Hangar 3 at Armitage Field in connection with regular department quarters for muster. Other awards presented during the

#### April 28, 1978

# **Increase** reported in citations issued for drunk driving

Statistics from the Naval Weapons Center Traffic Court show that the number of Driving While Intoxicated (DWI) citations issued on the Center has increased steadily from 1975 to the present time.

In 1975, there were 39 such citations issued and the total climbed to 48 in 1976. During 1977, there were 58 DWI citations, but the most noticeable increase has occurred during the first three months of this year when 31 such citations were issued, compared to 11 for the same period a year

DWI is the nation's No. 1 accident problem. In half of the vehicle fatalities (49,200 last year) alcohol consumption was a factor. It was also noted that about 40 percent of the offenders who are brought to court to face charges of driving while under the influence are repeaters.

Steve Kaupp, police chief at China Lake, when questioned about the number of DWI's on Center stated, "We have a vigorous enforcement policy at NWC. Everyone we see driving in an erratic manner will be stopped and questioned and will be arrested if they are driving while under the influence.'

#### Routine Procedure Followed

What happens after you are arrested for DWI on the Naval Weapons Center? At the time of arrest, a civilian receives two citations, one in accordance with OP-NAVINST 11200.5B which refers the driver to the NWC Traffic Court. If found guilty, he or she can expect not to be driving any motor vehicle on board the Center for a minimum of one year and also may be referred to some type of alcohol rehabilitation training program.

In addition, he or she will receive a second citation for DWI on private property in violation of California state law and will be cited to the East Kern County Municipal court for appropriate action.

At the time of arrest on a DWI charge, military personnel receive a ticket to the NWC Traffic Court. If found guilty, military personnel are deprived of motor vehicle driving privileges on board the Center for a minimum of one year, and may be referred to the Counseling and Assistance Center for alcohol counseling. Being subject to the Uniform Code of Military Justice, additional charges under Article 1.11, UCMJ, are filed against the service person and forwarded to his or her commanding officer for appropriate action.

#### New ceiling set...

(Continued from Page 1)

-Curtailment of a few services that are nice to have. -Pursue alternative ways of doing

-Selectively turning down new work. While this Fiscal Year 1978 cut will be challenging to manage, Command strongly desires to effect the reduction with the least impact to individuals. Therefore, it should be clear to everyone that there will be NO **REDUCTION IN FORCE that will result in** separations or down-grading actions.

Maximum feasible use of eliminating complished approximately half of the 100 ROCKETEER



NWC REPRESENTED AT CONFERENCE - Ray Sinnott, exhibits coordinator in the Technical Information Department's Graphic Arts Division, set up this display for the one-day Women's Options Conference that was held at the Los Angeles Convention Center. The booth featured photos of women involved in a variety of jobs at NWC, and an automatically operating film slide projector that flashed pictures on a screen showing the various types of work which is being done at China Lake. The booth was manned by Karen Altieri (seated), Federal Women's Program Coordinator at NWC, and Gene Simpson, a physicist in the Infrared Signatures Branch of the Weapons Department, who is a member of the junior professional recruitment panel. They distributed personal qualification statements (Form 171) to all interested persons, and accepted job applicants' papers from prospective employees. Hundreds of industrial firms and companies were represented at this fifth annual Women's Options Conference, which was intended to provide women with information about available jobs and careers, and to provide agencies and industry with the opportunity to recruit qualified women.

# Center to join community in observance of Cinco de Mayo

College, and the local community will join authorization form via their department to celebrate Cinco de Mayo with three days of special events.

Next Friday, May 5, a program consisting of dancing, music, and welcoming speeches will be held at Cerro Coso College, and the Sister City Association will serve a Mexican dinner as a fund-raising event. Ridgecrest's sister city is Tepatitlan, Mexico, a city of about 50,000 located 50 miles northeast of Guadalajara.

On both Thursday and Friday, May 4 and 5, Lou Perez of the Civil Service Commission's San Francisco Regional Training Office will conduct classes at China Lake sponsored by the Equal Employment Opportunity Office.

The celebration will be capped by a dance on Saturday evening, May 6, at the Elks Hall in Ridgecrest under the sponsorship of Los Amigos Hispanos.

The program next Friday at the college is will begin at 4:30 p.m. with dancers, "Las Estrellitas," and band music work with the college in this joint effort. by "Los Profis." Master of ceremonies for the musical program, which is open to the public free of charge, will be Andy Ledesma.

The Sister City Association will serve dinner continuously. The \$1.50 charge will include tamales, chile, tortilla chips, and salsa. Sold separately will be pan dulce, chocolate, and soft drinks. There will be a "fish pond" booth, and trinkets will also be

Space is still available in either of the two existing vacancies has already ac- classes which will be conducted at the Training Center by Perez. One will be held reductions. The other half can be ac- starting at 12:30 p.m. on Thursday, May 4, May 5. Subject of the four-hour course is the Employees and managers at all levels are Hispanic Employment Program (formerly credit for supervisors and other NWC personnel who attend.

Those wishing to sign up for either class

The Naval Weapons Center, Cerro Coso must submit a training request and offices so that it will reach Code 094 no later than 4:30 p.m. today.

> The dance at the Elks Hall, 201 Church St., Ridgecrest, will be preceded by a social hour starting at 8 p.m. Dancing to the music of "Feliz" is scheduled to begin at 9 p.m. and will last until 1 a.m.

> Cost for the evening will be \$4 per person or \$7 per couple. Los Amigos Hispanos, the group sponsoring the dance, invites all local area residents, who like to dance to join

> them in the celebration of Cinco de Mayo. Cinco de Mayo commemorates the 1862 victory of a highly motivated Mexican army led by Ignacio Zaragoza over a much better equipped and trained French army at Guadalupe Hill near Puebla, Mexico. This victory became a symbol of inspiration to the Mexican people in their battle to regain their independence from foreign rule.

In the Indian Wells Valley, Cerro Coso College started observing the day as part of remarks by Judy Auger, Pete Sanchez, and its community enrichment effort. The Joe Lopez, Jr., NWC's Hispanic Em- college requested assistance from the ployment Program Coordinator. En- Center's Hispanic Employment Program: tertainment will be provided by a group of the Center responded and has continued to

# Happenings around NWC

The next regular monthly meeting of the Indian Wells Valley Metal Trades Council will be held on Thursday, May 4, starting at 7:30 p.m., at 65-B Halsey Ave., China Lake.

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

#### Band Booked at Shuttle

The Enlisted Mess (also known as the Shuttle) invites patrons to dance to the fantastic sound of "Imitations," a 6-piece band from San Diego, tonight and tomorrow night from 9 p.m. to 1:30 a.m. There will be no cover charge.

Dinner will be served from 6 to 8 p.m. before the entertainment begins.

Page Five

# **Procedures** outlined for obtaining NWC special event passes

When planning to hold a special event aboard the Center, the sponsor / coordinator should call the NWC Visitor Center, ext. 3156, to request information on procedures for requesting a special event access.

A "Special Event" is any event held aboard the Center where 20 or more people are expected to attend who do not have Center access passes.

The purpose of the Special Event procedures is to provide rapid access for all attendees. The Visitor Center requires one week advance notice of the special event to make necessary arrangements and notifications.

Recently, many visitors have been disappointed to find no arrangements had been made for access to certain events. This caused them delays, increased resentment toward control procedures of the Center, and, in some cases, subjected pass desk personnel to discourteous treatment.

Entry for guests to the Center will be made smoother if representatives of organizations that are planning an event send a memo to the Commander, Code 2412. NWC, China Lake, giving the pertinent information (who, what, when, where and why) and requesting that arrangements be made for special events access.

When entering the Center to attend a special event, vehicles should be driven to the guard post and the driver should inform the guard of the event and its location. The guard will then issue a Special Event Card. log the vehicle type, license plate, and the number of passengers.

If necessary, the gate guard also will give specific directions to the location of the

The foregoing information should help to make all special events more successful.

### Drone tested...

(Continued from Page 1)

elapsed since the go-ahead for this work was received from NAVAIR, installation and checkout of the electronics components that are the heart of the Aircraft Interface Unit (AIU) have been handled by a trio of electronics technicians - Hal Schmer, Al Sorenson and Bill Stuart.

The AIU takes commands from a remote control station on the ground by means of a radio frequency link. Signals received by the AIU are sent to another interface box that drives the electro-mechanical rotary actuators which control the drone target aircraft's ailerons, horizontal stabilizers and the throttles for each of the aircraft's engines.

The above equipment, coupled with an onboard telementary system which monitors everything that is happening as the target aircraft is being flown, enables the drong controller on the ground to fly the aircraft. Main Features of Drone

Stated briefly, the conversion of a manned aircraft to a drone requires the addition of the actuators to move the control stick, the installation of transmitterreceivers that enable command control. and the addition of an on-board television for take-offs and landings.

From the TV camera that is mounted in the nose of the aircraft, the drone controller in the remote control ground station, has a view similar to that the pilot has in the cockpit of the aircraft and can operate the target drone aircraft to any point on the Naval Weapons Center range area that is within line of sight of the ground control station.

While the last of the available T-38 airframes currently available has been converted to a QT-38A drone aircraft and transferred to the Targets Division of Code 61, Owens and some of his co-workers in the Weapons Department's RPV Technology Branch have turned their attention to similar work on the F86F Sabrejet in order to provide additional pilotless aircraft for use in evaluating the performance of air-toair missiles.