



NEWLY INSTALLED — Officers who will direct the 1984-85 year of activities of the Women's Auxiliary of the Commissioned Officers' Mess assumed their new roles during the May meeting of WACOM. They are (l. to r.) Fayelene Thelen, treasurer; Linda Smith, secretary; Guinilla Giegerich, vice president; and Jo Miller, president.

Photography exhibit to open Sunday at Maturango Museum

The black and white photo work of John Dunker and Adolph Amster, two local photographers, will go on display at the Maturango Museum's Sylvia Winslow Exhibit Gallery this Sunday and will remain until June 30. The museum is open from 2 to 5 p.m. daily.

The photographers will be honored at a reception on Sunday afternoon from 2 to 4 o'clock in the gallery.

Amster, a chemist, began his interest in photography as a teenager and has gradually changed from using 35mm black and white size negatives to "large format" (4-by-5-in.) negatives.

Amster has benefited from workshops given by the late Ansel Adams, and a number of other well-known professional photographers.

Maturango Museum to host swim party at Valley Wells pool

The Maturango Museum will host a "Summer Is Fun" pool party tomorrow from 10 a.m. to 5 p.m. at Kerr-McGee's Valley Wells swimming pool and picnic area located near Trona.

All ninth through twelfth grade students of Indian Wells Valley and Searles Valley schools are invited to attend this special activity. The cost of tickets for graduating seniors is 50 cents, while all others will be charged \$2.50 at the gate.

Tickets purchased in advance at the museum, from Radio Station KLOA, or from Royal Suite Water Beds in Ridgecrest can be obtained at \$2 each.

Additional information can be obtained by calling either Linda Thurm at 375-7972, or Beth Quipley, phone 375-8888.

Family picnic for VX-5 personnel set Saturday at CPOM

Personnel from Air Test and Evaluation Squadron Five (VX-5) and their families will have the opportunity to gather together tomorrow for the annual squadron picnic.

The affair will begin at 11 a.m. with an all day picnic for families which will run until 4 p.m. at the Chief Petty Officers' Mess. The cost of the picnic is \$3 per person.

Once the dinner hour rolls around, the adults will have a chance to leave the little ones behind for the adult dinner of charcoal-broiled steak. The evening's activities will begin at 7 o'clock and run until 1 a.m. A band will provide music for dancing and listening from 9 p.m. to 1 a.m.

Energy conservation tip

Set fan speeds on high except when the weather is very humid. When it's humid set the fan speed at low. You will get less cooling but more moisture will be taken from the air.

WACOM Thrift Shop volunteers awarded certificates for service

During the May meeting of the Women's Auxiliary of the Commissioned Officers' Mess, volunteers who have staffed the Thrift Shop operated by WACOM received certificates of appreciation for the many hours of service they have rendered.

The Thrift Shop is a heavy supporter of the Navy Relief Society. Half of the profits from its operation automatically are donated to the NRS, with the other half going, in the fall, to the Combined Federal Campaign, and, in the spring, to a variety of local charitable organizations.

Heading the list of recipients is Maggi Tate, who has served a total of 601 hours.

Lions announce plans for lobster-steak dinner on June 16

Local residents will have the opportunity to enjoy a magnificent meal at a bargain price and help a good cause at the same time at the Lions Club lobster/steak dinner on Saturday, June 16.

Those who have the foresight to buy tickets by the cutoff date of Friday, June 8, will be able to eat either a lobster (flown in live from Maine) or a steak, along with potatoes, corn on the cob, rolls, coffee or tea and dessert for the low price of \$10 per person. Dinner will be served from 5 to 9 p.m. on June 16 at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd., in Ridgecrest.

Anyone who wishes just to buy a live lobster (at \$7 for a 1 1/2-pound lobster) will be able to do so by purchasing a \$7 ticket and picking up the crustacean between noon and 2 p.m. on June 16.

Tickets may be purchased by telephoning either Jim McNealy, 375-9227, or Sam Treat, 375-5623, as well as from DeMolay members and at the St. Ann's School office. Profits from the venture will go towards supporting the Lions' charitable activities such as the Eyemobile.

Fleet Reserve Ass'n to present service pins at meeting Mon.

A highlight of the next regular monthly business meeting China Lake Branch 95 of the Fleet Reserve Association, to be held on Monday at 7:30 p.m., will be the awarding of continuous service pins.

The meeting, which will be held at the Enlisted Mess, is open not only to members but also to active duty and retired Navy, Marine Corps, and Coast Guard personnel.

Continuous membership pins for 40 years' membership will be awarded to C. W. Robinson and T. L. D. Terrebbonne. Thirty year pins will be given to J. A. Haug, Joseph Kokosenki, E. R. Mangrum, and H. S. Raney, and 20 year pins will go to Lesley Anderson, Victor Bizon, J. D. Goodman, L. T. Lesniak, C. A. Mitchell, J. V. Monckton, and J. J. Porter.



Steve Milan and "Upstage" will entertain patrons of the Enlisted Mess with rock and roll and disco music tonight from 9 o'clock to 1:30 a.m. For those who want to dine out this evening, the dinner special at the EM will be a large shrimp dinner, served from 6 to 9 p.m. or selections may be made from the menu.

"Western Night" is the theme of tonight's gathering at the Commissioned Officers' Mess. Activities will get underway with a no-host cocktail hour from 6 to 7:30 p.m., followed by a barbecue dinner that will be served from 7:30 to 8.

Tonight's entertainment will be provided by Wayne Paisano and the "Roadrunners," who will play country-western music from 8 o'clock to midnight. Reservations are required.

The Chief Petty Officers' Mess has booked the Western Connection band tonight from 8:30 to 12:30 a.m. The dining room is still closed for renovation and is not expected to reopen for another two to three weeks.

On Saturday, from 8:30 p.m. to 12:30 a.m., "Sunlight," a popular easy-listening band, will provide music for the dancing and listening pleasure of CPOM patrons.

Mrs. Tate is the first person in the history of Thrift Shop operation to receive a 600-hour certificate. She also received a 500-hour certificate because she has put in 142 3/4 hours since last November. She is the Wednesday chairperson at the Thrift Shop.

Evelyn Callaway received a certificate for 400 hours of volunteer time. She serves as Monday chairperson for the Thrift Shop.

Those who received certificates for 200 hours of service were Betty Rein and Lesta Hays. Mrs. Hays has been Thrift Shop supervisor since July 1982; Mrs. Rein is treasurer and also helps with selling, sorting and marking.

Angie Harrell received a certificate for 100 hours, having worked more than that amount of time since her arrival at China Lake last August.

Certificates for 20 hours of service also were presented to Bette Jacks, Eleanor Looe and Betty Spindler for their help as Thrift Shop volunteers.

Graduation ceremony scheduled tonight at Cerro Coso College

Tonight at 6:30, Cerro Coso Community College will honor the 1984 graduating class at ceremonies to be held on the north lawn of the college campus.

The program for the 150 graduates, including 28 who attended the college's Southern Outreach facility at Edwards Air Force Base, will include talks by Assemblyman Phillip D. Wyman, of the 34th District, Salley Caruso, a graduating student, and Dana Tiffany, alumni speaker.

The 1984 graduating class range from 17 to 55 years of age. Some entered Cerro Coso Community College immediately following high school, while others returned to the classroom after many years of not attending school.

A reception will follow the graduation ceremony.

MOVIES

REGULAR STARTING TIME 7:00 P.M.

FRIDAY	"THE MALTESE FALCON"	JUNE 1
Starring Humphrey Bogart and Peter Lurie (Drama, rated G, 101 min.)		
SATURDAY	"CASABLANCA"	JUNE 2
Starring Humphrey Bogart and Ingrid Bergman (Drama, rated G, 102 min.)		
SUNDAY	"KEY LARGO"	JUNE 3
Starring Humphrey Bogart and Lauren Bacall (Drama, rated G, 101 min.)		
MONDAY	"THE RIGHT STUFF"	JUNE 4
Starring Scott Glenn and Ed Harris (Drama, rated PG, 193 min.)		
WEDNESDAY	"D.C. CAB"	JUNE 6
Starring Max Gail and Mr. T. (Comedy, rated R, 100 min.)		

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From: _____

To: _____

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Contributions reach total of \$10,458 in Navy Relief campaign

With just one week to go, contributions to the Navy Relief Society fund drive totaled \$8,365 for the Naval Weapons Center and \$2,093.75 for Air Test and Evaluation Squadron Five.

A highlight of last week's drive at NWC was the Great Airplane Wash, when a dozen of the Center's military personnel found that their "friends" had contributed money to vote that they should be part of the scrubbing crew. The sum of \$1,167 was raised by this event.

Ending up damped scrubbing away were Capt. Scotty Vaught, Capt. Joe Phaneuf, Cdr. Richard Erickson, LCDr. John Cullinan, Lt. Steve Oliver, Ens. Marty Vanderkamp, CW02 Garry M. Spriggs, AMCS Terry Burkhart, AMSC Alvin Hill, AD1 Ronald Claich and A22 Jean Stockwell.

Petty Officer Stockwell turned out to be the best moneyraiser of all — she had been overheard saying that she could never see herself washing an aircraft, so her friends contributed more than \$200 to be sure that she had the opportunity to do so.

By press time for the Rocketeer, the amount of money raised by yesterday's "Run for Navy Relief" was not yet available. Capt. Joe Phaneuf, LCDr. Terry Briggs, and Lt. Brice Hammerstein left Armitage Airfield at 7:30 a.m., ran to the top of "B" Mountain, and then ran back to the airfield, where their backers contributed money based on how close the men came to their estimated time of 70 minutes to the top of the mountain and the same time back.

All those who would like to contribute to the Navy Relief Society — the Navy's way of helping its own in time of crisis or need — are reminded that the drive ends on June 6. Contributions can be made either through allotments or in cash, and are fully tax-deductible.

4 Center employees receive EEO Awards

Winners of this year's Equal Employment Opportunity (EEO) Awards presented at a luncheon held on May 22 were, for supervisors, Curtis Bryant and Dr. Taylor Joyner; for EEO support, Len Gulick; and for non-supervisors, Melda Dyer.

The selection was exceptionally hard to make, according to Matt Anderson, head of the Center's Committee, because all the nominees for these awards were so outstanding. Other nominees were Donald Cortichato, Ed L. Pyle, David Hall, and Joseph Kovar.

Capt. K. A. Dickerson, NWC Commander, presented the awards, which consist of a letter of commendation for being nominated and a plaque for the winners.

Burrell Hays, NWC Technical Director, said in his keynote talk that the large crowd that attended the luncheon indicated that NWC is dedicated to EEO, and both he and the Skipper commented that they appreciated the large turnout.

Noting that NWC has gone through an awareness stage with regard to EEO that was worthwhile because it helped everyone understand personal feelings, and that the Center is now in an Affirmative Action stage, Hays said that he feels that EEO efforts still need to be increased.

He said that he felt so strongly on the issue that he is requiring that all department heads and senior managers must put measurable EEO objectives into their performance plans so that measurable action can be achieved.

Hays said that not enough minorities or women employees are on board, and that the lack is especially noticeable at the higher levels of jobs.

"I'm proud of what we've done," he said, "but we're still far short of the mark. We're going to do a lot more."

Capt. Dickerson, just prior to calling the nominees up to receive their letters of commendation, agreed that making the



EFFORTS RECOGNIZED — Recipients of this year's Equal Employment Opportunity Awards show both the wall plaques they received and their pleasure at having been chosen as the award winners. Pictured, (l. to r.), are Burrell W. Hays, NWC Technical Director, keynote speaker at the EEO luncheon; Gretchen Bryant, who accepted a supervisor's award for her husband, Curtis, who was on travel; Dr. Taylor Joyner, the other supervisory award winner; Len Gulick, EEO support winner; Melda Dyer, non-supervisory winner; and Capt. K. A. Dickerson, NWC Commander, who presented the awards.

Photo by PHAN Greg Hogan

selections this year was usually difficult because of the outstanding group of nominees.

The awards, said the Skipper, demonstrate the value that management places on EEO, and are designed to bring honor and distinction to those proving their commitment to the principles of EEO.

Bryant, who heads the Aerosystems Department, received seven letters of nomination from a wide range of personnel

Shaving cream used in test of method to deter blast effects

Because some NWC scientists conducted experiments using a case of aerosol shaving cream, a 10-ft.-wooden cube filled with aqueous film forming foam, detonators and a bomb, lives may eventually be saved from explosions of terrorist bombs.

Bud Sewell and Ken Graham, two scientists from the Naval Weapons Center's Research Department, became interested in work that British personnel were doing to counter the effects of bombs, especially car bombs, implanted in various locations in Northern Ireland.

The two local men were told of a whole street being blocked off and filled with foam around a car bomb; when the car bomb was exploded, very little damage resulted.

The first local experiment involved filling a coffee can with aerosol foam shaving cream (thereby using up shaving cream that was left over from previous experiments). An electric detonator was set off in the can, and no sound was heard, a little pouf of cream bubbled up, and a dent was found in the bottom of the can.

In comparison, when the same size detonator was set off in air in the can, the resultant bang was loud, fragmentation holes were found all around the central region of the can, and a large hole was made in the bottom.

Experiments using water to surround the explosive device also resulted in severe damage being done to the container, because the force of the explosion was transmitted well through the water.

The scientists conjecture that the energy of the explosive is absorbed by the thin layer of water on the foam bubbles, which are compressible. Ideally, the water layer should be as thin as possible.

This damping effect is enhanced by the water itself also because it eliminates concern about the combustion products of the explosion.

To check out whether the same effect would hold true if the size of the explosion (and container) increased, a large wood frame cube covered with plastic was built in the Burro Canyon test area. A 30-pound bomb was suspended in the middle of the 10-foot cube.

Two firefighters from the Fire Division of the Safety and Security Department plus a pumper filled the cube to the 8-foot level with a six percent solution of aqueous film forming foam. The foam will hold for 30 minutes to an hour without resulting in any water runoff, and also has a considerably higher expansion ratio than the 12 to one ratio of shaving cream.

With the limited amount of foam used in this test, the explosive output was reduced by 30 to 50 percent.

The next step, of course, was to try to develop some way of containing foam around a bomb. The same creativity that led to the experiments with shaving cream and coffee cans came to the fore once more.

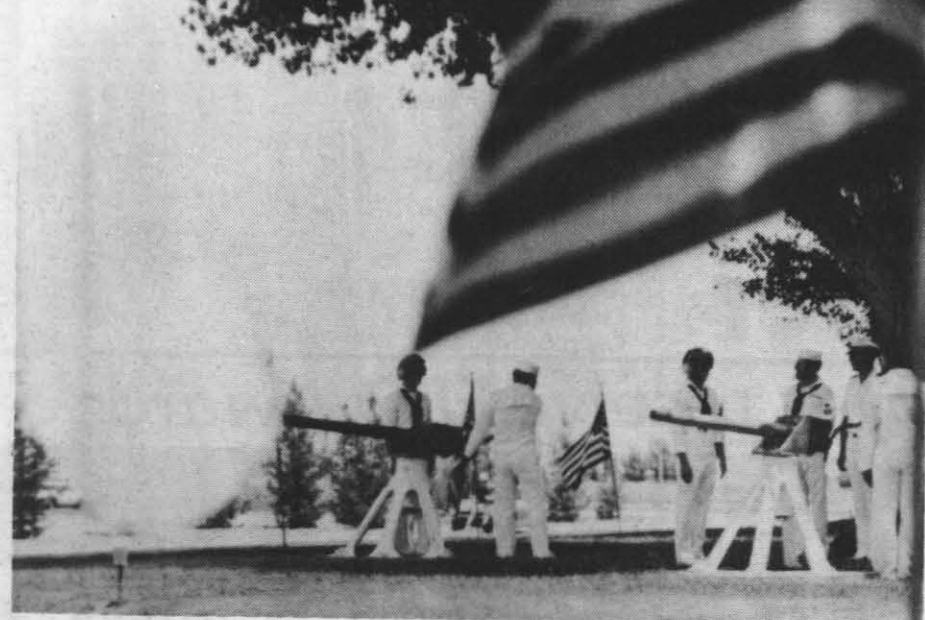
Currently, a patent is pending on a device that is built in rings much like the plastic rings of a child's inflatable swimming pool. This plastic can easily be folded up and carried by one or two people, who can also carry the additional two devices needed: compressed air that will be used to inflate the rings, and an automatic foam dispenser that will start pouring in foam when the



IMPRESSIVE DEMONSTRATION — R. G. S. (Bud) Sewell squirts a bit of shaving cream into a three pound coffee can used in a demonstration of blast effects. When a charge was detonated in the coffee can filled with shaving cream foam, only a few fragments scratched the can. The middle can (bulging at the seams) was filled with water when the charge was exploded, and the far right can shows the effect of an air blast that perforated the container.

Photo by PHAN Rebecca Gill

(Continued on Page 3)



BANG! — The guns in front of the Headquarters Building were fired last Monday in the traditional salute to Memorial Day, while flags fluttered along Blandy Avenue and around the Administration Circle.

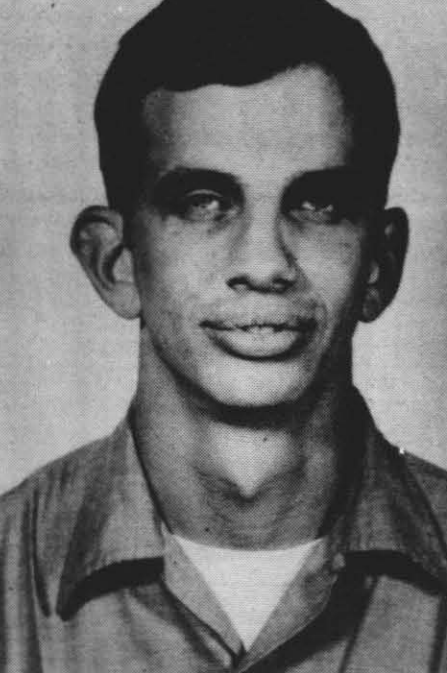
—Photo by Mickey Strang

AQ1 Roy J. Harmon selected as VX-5 Sailor of Month for April

Aviation Fire Control Technician 1st Class Roy J. Harmon has been singled out for recognition as Sailor of the Month for April by Air Test and Evaluation Squadron Five (VX-5).

Petty Officer Harmon, who is the daycheck supervisor of the squadron's Integrated Weapons Team Branch, reported to VX-5 just three short months ago.

Petty Officer Harmon, who is the daycheck supervisor of the squadron's Integrated Weapons Team Branch, reported to VX-5 just three short months ago. Prior to his assignment here, he was stationed with Attack Squadron One Seventy-Six (VA-176) in Oceana, Va. In a letter of commendation from Capt. Roger P. Flower, Commanding Officer of VX-5, the Skipper notes, "While assigned as



...assistant as a petty officer." AQ1 Harmon claims the wide variety of aircraft and the "good group of people" he works with are major reasons why he finds work pleasant.

"Things are never the same around the shop — there are new challenges every day," he said. "That makes my job very enjoyable."

The Northridge, Calif., native's future goals in the Navy include aiming for the limited duty officer (LDO) program. He will apply for the appointment later this year.

When not working at Hangar One, Petty Officer Harmon enjoys all kinds of sports — racquetball and softball in particular. He and his wife, Guyla, are the parents of three children — Richard, 11, Jason, 4, and Cristy, 2.

For being selected as VX-5's Sailor of the Month for April, AQ1 Harmon received a letter of commendation, a handsome plaque with his name inscribed on it, and a 72-hour liberty pass. He also receives one month free of duty, as well as the use of a reserved parking space at Hangar One for one month.

Film slide show on planets planned at astronomy gp. meeting

A film slide presentation entitled "New Views of Old Planets: The Second Revolution in Planetary Astronomy" will be presented at the next monthly meeting of the China Lake Astronomical Society (CLAS).

The meeting, which is open to all interested persons, will be held on Monday, starting at 7:30 p.m., at the Kern County Library in Ridgecrest.

The film slides will be shown by CLAS member Jim McMahon, who will show various views of the planets Mercury, Venus, Mars, Jupiter, and Saturn that were obtained by National Aeronautics and Space Administration spacecraft — the Mariner 10, Vikings 1 and 2, and Voyagers 1 and 2.

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 503 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. 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.

Advertisement No. 33-115, Administrative Officer, PAC No. 8423536, DA-341-1/2/3 — This position is located in the Phoenix Ordnance Components Technical Office, Fuse and Sensors Department, and is that of the Phoenix Business Manager. The Technical Office is responsible for the direction and coordination of all technical aspects of the Phoenix Ordnance development and production programs under cognizance of the NAVWPNCN. The incumbent must also manage all program administrative duties.

Advertisement No. 32-108, Interdisciplinary, Mechanical/Electrical Engineer, DP-830/850-3, PAC No. to be determined, Code 3254 — This position is located in the Process Engineering Branch, Process Systems Division, Ordnance Systems Dept. The incumbent will be responsible for planning, design, layout, and maintenance of real property and associated plant and technical equipment.

Advertisement No. 25-844, Administrative Officer, DA-341-1/2/3, PAC No. 8425553, Code 325 — This position is in the division office of the Contracts Division, Supply Department. The incumbent serves as the administrative officer for the division, providing guidance and direction to an assistant and acting independently to provide the full range of administrative and staff support required.

Advertisement No. 31-657, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, PAC No. 8421879, DP-3/4, Code 3114 — This position is located in the F/A-18 Facility Branch, Avionics Facilities Division of the Aircraft Weapons Integration Department. The incumbent will be the F/A-18 Facility Systems Engineer responsible for the technical planning and systems architecture for the F/A-18 WSPF Validation and Integration Laboratories.

Advertisement No. 31-668, Clerk-Typist GS-223-2/4, Code 3184 — This position is located in the Air Weapons Systems Support Activity Office of the Aircraft Weapons Integration Department. The incumbent will assist the secretary to the Program Manager by providing clerical support for the office, typing narrative reports and general correspondence.

Advertisement No. 32-807, Operations Research Analyst, DP-1515-3/4, PAC No. 8412597E, Code 122 — This position is located in the Weapons Planning Group, Air War Program, which is responsible for maintaining an ongoing program of studies related to surface and air

Advertisement No. 32-806, Computer Operator Trainee, GS-222-3/4, PD 488017, Code 3872 — Two vacancies for second shift (1600-2400 with no lunch hour). Monday through Friday. Positions are located in the Computer Services Branch, Computer Sciences Division, Research Department. Will serve as a computer operator trainee learning the fundamentals of computer operations and how to operate the ADP system (Sperry 1100/80) and associated peripheral equipment used by the Research Department.

Advertisement No. 32-805, Mechanical Engineer, DP-830-2/3, PAC No. 8425553, Code 8223 — This position is located in the Track Operations Branch (SNORT), Range Operations Division, Range Department. The incumbent is responsible for the engineering, design, documentation, modification, fabrication, construction, installation, operation and maintenance of fire control systems, electrical test support equipment, and electrical facilities as required by the various captive flight test programs conducted on the Track Ranges.

Summer swim classes for kids slated at Center gymnasium pool

Summer swimming classes are scheduled at the Center gym's indoor swimming pool.

The classes, designed to teach swimming skills to children ranging from under 5 years of age to those who have passed a Red Cross advanced swimmer test, will be taught by certified Red Cross instructors. The various sessions will run Monday through Friday from June 11 to Aug. 17.

A registration fee of \$5 per person will be charged for each class attended and is payable at the time of registration at the NWC gym office. Office hours are from 8 a.m. to 4 p.m. on weekdays.

Each child enrolled in the swimming class will be assigned to a particular level of swimming skill based on the following qualifications: Basic Beginners — must be at least 4 years of age; Beginners — able to float unassisted on back and stomach; Advanced Beginners — must have passed a Red Cross beginners' swimming test; Intermediate — must have passed a Red Cross advanced beginners' swimming test; and Swimmers — must have passed an intermediate swimming test.

The schedule for the youth swimming classes follows: Session 1, which runs from June 11 to June 22, includes three beginners' swimming classes — two are scheduled from 9 to 9:30 a.m. and another from 9:30 to 10 a.m. There also are three basic beginners' classes, one will be held from 9:30 to 10 a.m. and two others from 10 to 10:30 a.m.

Session 2, which is slated from June 25 to July 6, will include two advanced beginners' swimming classes, both scheduled from 9 to 9:30 a.m.; two beginners' classes from 9:30 to 10 a.m.; and two basic beginners' classes from 10 to 10:30 a.m.

Session 3, planned from July 9 to 20, includes two advanced beginners' classes from 9 to 9:30 a.m., two beginners' classes from 9:30 to 10 a.m., and two basic beginners' classes from 10 to 10:30 a.m.

Session 4, from July 23 to Aug. 3, will include one advanced beginners' class and an intermediate class, both slated from 9 to 9:30 a.m.

MDISL tennis touney starts here today

The Naval Weapons Center will host the annual Mojave Desert Inter-service League (MDISL) tennis tournament, which will get underway this afternoon and continue over the weekend on the tennis courts behind the Center gym.

There will be between 40 and 50 participants in this event. Representing NWC in the singles and doubles competition will be Steve Lyda, Gail Falkenberg, Bernard Wasserman and Dick Boyd, all civilians.

Other tennis players will be coming here from Edwards, George, Nellis, Norton and Vandenberg Air Force Bases, the Los Angeles Air Force Station, the Army's National Training Center at Fort Irwin, the Marine Corps Logistics Base at Barstow, and the Marine Corps base at Twentynine Palms.

Each team can enter a maximum of four players in the singles matches and two pairs in the doubles competition.

Plaques will be awarded to the winners and second place runners-up in both the singles and doubles matches. At stake, in addition to the individual awards will be a perpetual first place team trophy, as well as second place team trophy.

School dist. truck stolen

A Sierra Sands Unified School District vehicle, reported stolen shortly before 10 a.m. on Thursday, May 24, was recovered at around 1:30 p.m. that same day by China Lake police.

The vehicle, a 1980 Dodge pickup truck, was taken from the Murray Junior High School campus and found in the parking lot outside the Center gym. The truck was "dusted" for latent fingerprints and a check is being run on those that were found.

9:30 a.m.; two beginners' classes planned from 9:30 to 10 a.m., and two basic beginners' classes from 10 to 10:30 a.m.

Session 5, which is slated from Aug. 6 to 17, includes an intermediate level class and a swimmers' class, both from 9 to 9:30 a.m.; an advanced beginners' class and a beginners' class from 9:30 to 10 a.m.; as well as two basic beginners' classes set for 10 to 10:30 a.m.

Promotional opportunities

(Continued from Page 2) based anti-air warfare, including force level studies, mission element needs studies, system and system concept evaluations, and studies to resolve system acquisition issues. The incumbent leads and directs moderate to major size studies involving a team of analysts and resulting in formal written publications and briefings to top level Navy and civilian personnel.

Advertisement No. 31-606, Supervisory Operations Research Analyst, DP-830-3/4, PAC No. 801231A, Code 128 — This position is Program Director/Gen Corporate Planning in the Weapons Planning Group. Incumbent plans, directs and administers the ongoing project work within his program area. The Corporate Planning Program provides R&D planning support to the Commander, Technical Director, Laboratory Director, and Center Planning Board regarding future products, product area forecast, and the preparation of the Five-Year NWC and DNL Corporate Plans, and provides support to the Director of Navy Laboratories, NAVAIR and ONPAV sponsors in their long range R&D planning efforts.

Advertisement No. 36-136, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

Advertisement No. 36-138, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

Advertisement No. 36-138, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

Advertisement No. C-82-32, Interdisciplinary (Supervisory) position (Aerospace Engineer DP-861-3, Electronics Engineer DP-855-3, General Engineer DP-801-3, Mechanical Engineer DP-961-3), PAC No. 8326242, Code 82223 — This position is located in the Track Operations Branch (SNORT), Range Operations Division, Range Department. The incumbent is responsible for the engineering, design, documentation, modification, fabrication, construction, installation, operation and maintenance of fire control systems, electrical test support equipment, and electrical facilities as required by the various captive flight test programs conducted on the Track Ranges.

Advertisement No. C-182-31, Engineering Technician, DT-906-1/2, PAC No. 8462551, Code 8221 — This position is located in the Air Operations Branch, Range Operations Division, Range Department. The incumbent functions as an air controller during the conduct of RTD&E flight tests and works in a fluid real-time environment which requires the precise positioning of test aircraft on predetermined flight trajectories.

NWC Gold team wins tennis tourney, takes over lead in Commander's Cup competition

Military athletes representing NWC Gold broke a first place tie and moved into the lead in Commander's Cup competition last week by winning the tennis event.

NWC Gold won five out of six tennis matches from the VX-5 Vampires to move in front by a total of 31-29 in the current Commander's Cup standings.

NWC Blue failed to enter a team in the tennis tournament, and remains in last place with 20 points for the year. The NWC Gold team was victorious in

straight sets in four singles matches played with VX-5. The results were: Steve Czonska def. James Horner, 6-0, 6-0; Bennett King def. Jeffrey Stuart, 6-1, 6-2; Dave Feldman def. Phil Trujillo, 6-1, 6-1; and Dave Galt def. Jim Clark, 6-4, 6-1.

In doubles play, Feldman and Czonska teamed up to defeat Trujillo and Horner, 6-0, 6-0, but the VX-5 doubles team of Clark and Stuart turned the tables on Galt and Madison Bryson of NWC Gold by outscoring them 6-4, 6-2.

Promotional opportunities

Mechanical/Electronics/General Engineer, Electronics Technician, Program Manager, DP-830/855/891/856/348-3, PAC No. 8436898E45, Code 36602 — This position is located in the Systems Management Office, Fleet Engineering Division, Engineering Department. Incumbent performs production engineering and project management work on one or more newly developed or substantially modified systems, i.e., North Finding Module (NFM), Sidesarm, Vertical Launch (VL), etc. The incumbent designs in, evaluates, and/or proposes modifications to design in order to facilitate production or logistics support.

Advertisement No. 36-138, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

Advertisement No. 36-138, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

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Advertisement No. 36-138, Interdisciplinary Computer Scientist, Logistics Management Specialist, Engineering Data Management Specialist, Quality Assurance Specialist, Operations Research Analyst, Computer Scientist, Electronics/Industrial/Mechanical Engineer, DS/DP-301/334/346/1310/1550/1734/855/898/830-3, PAC No. 8426679E14, Code 36601 — This position is located in the Technical Data Division of the Engineering Department. The incumbent will support program offices in planning the acquisition and development of software in tactical and ADP projects.

Advertisement No. C-82-32, Interdisciplinary (Supervisory) position (Aerospace Engineer DP-861-3, Electronics Engineer DP-855-3, General Engineer DP-801-3, Mechanical Engineer DP-961-3), PAC No. 8326242, Code 82223 — This position is located in the Track Operations Branch (SNORT), Range Operations Division, Range Department. The incumbent is responsible for the engineering, design, documentation, modification, fabrication, construction, installation, operation and maintenance of fire control systems, electrical test support equipment, and electrical facilities as required by the various captive flight test programs conducted on the Track Ranges.

Advertisement No. C-182-31, Engineering Technician, DT-906-1/2, PAC No. 8462551, Code 8221 — This position is located in the Air Operations Branch, Range Operations Division, Range Department. The incumbent functions as an air controller during the conduct of RTD&E flight tests and works in a fluid real-time environment which requires the precise positioning of test aircraft on predetermined flight trajectories.

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake. Staff: Captain K. A. Dickerson, NWC Commander; B. W. Hays, Technical Director; Dennis Kline, Public Affairs Officer; Don R. Yockey, Editor; Mickey Strang, Associate Editor; PHAN Rebecca Gill, PHAN Greg Hoggan, Staff Photographers. News Stories deadline Tuesday, 4:30 p.m. or Tuesday, 11:30 a.m.

DIVINE SERVICES PROTESTANT: Sunday Worship Service 1000; Sunday School (Annex 1, 2 & 4) 0830; Bible Study (East Wing, Wednesdays) 1130-1230; ROMAN CATHOLIC: Sunday Mass 0830; Daily Mass (except Sunday) 1135; Confessions 1630-1700, Friday 0745-0815, Sunday 1000 Sunday; Religious Education Classes (Annexes 1, 2 & 4); JEWISH: Friday (East Wing) 1930; UNITARIAN: Sunday (Annex 95, as announced) 1930.



Good fishing forecast for lakes, streams in Sierras this weekend

Since so many people from Los Angeles and elsewhere took advantage of fishing in the Owens Valley, the high country lakes and streams and the areas north of Bishop last weekend, Department of Fish and Game personnel expect that all the fishing areas will be relatively uncrowded tomorrow and Sunday.

Fishing in some of the areas should also be very good.

Those who would like to get out of the heat might enjoy a hiking trip to the lakes in the Big Pine basin. All except the two uppermost lakes are now clear of ice, and fishing is superb. Fishing in the Hilton Lakes further north is also excellent with wet flies and small spinners.

The high country creeks and streams also have produced limits of native trout for those willing to trudge upwards in pursuit of fish. Those who prefer to drive within range of their fishing site are also catching a lot of trout in the streams that are planted regularly — but the trout tend to be planters rather than natives.

The Owens River itself is not especially productive for anglers currently because the runoff has started and the river is still high and fast.

The biggest fish caught in the region last week came from Lake Crowley, and weighed in at a husky 9 lb. 3 oz. It was caught by someone still-fishing in McGee Bay using a nightcrawler as bait. Lots of good-sized perch are also being caught at Crowley right now on perch jigs; these fish are averaging between one and two pounds.

Kokanee are starting to hit in Upper and Lower Twin Lakes at Bridgeport. So far, the best bet for catching one of these is to use a Needlefish while trolling.

In general, the best fishing this past week was with nightcrawlers, worms, salmon eggs, and marshmallows. Crickets have been especially good in the high country creeks.

Anyone who heads north for fishing, hiking or camping should be sure to bring lots of bug repellent. A wide range of bugs from gnats to mosquitoes has hatched and the little winged beasts are lying in wait for their victims.

Skills contest ends youth soccer spring season

Capping off a successful spring season of Youth Soccer League competition, a soccer skills contest that attracted nearly 50 entrants was held last Saturday morning at Davidove Field. It was sponsored by the Scorpions Soccer Club.

Boys and girls competed by grade level in seven different events. Medals were awarded to the winners, with ribbons going to those who placed second or third.

The big winner was Armando Valdivia, competing in the 5th-6th grade division, who won four out of seven events, placed second in two others, and third in another. The results were as follows.

1st and 2nd Graders
Goalie contest — Joe Mechtenberg, 1st; Keith Parris, 2nd, and Tiffany Marshall, 3rd.

Dribble race — Isaac Curran, 1st; Brian Bowling, 2nd; and Tiffany Marshall, 3rd.

Dribbling ball through cones — Michael Eberhart, 1st; Isaac Curran, 2nd, and Tiffany Marshall, 3rd.

Goal shooting — Tiffany Marshall, 1st; Michael Eberhart, 2nd, and Brian Bowling, 3rd.

Shooting at cones — Scott Richardson, 1st; Keith Parris, 2nd; and Justin Lewis, 3rd.

Kick for distance — Hugo Montes (50 ft., 8 in) 1st; Keith Parris, 2nd; and Michael

Bears regain 1st place in Military Softball League

The Bad News Bears jostled their way back into first place last week in the Military (slow pitch) Softball League, sponsored by the Recreation Services Department.

While the Bears were winning two games at the expense of the Intruders (15-3) and the Hornets (13-10), the NWC O's suffered their first loss of the season — a 4-1 decision at the hands of the VX-5 squad.

In the only other Military Softball League game played last week, The Beef made its first win of the season an impressive one by pumeling The Who 15-0 in a five-inning tilt.

The Bad News Bears piled up an 8-0 lead in 1 1/2 innings of play and then coasted to a 15-3 win over the Intruders, who scored their only runs in the bottom of the third inning.

The Bears were led at the plate by the two-for-three hitting (all singles) of Dan Whittenburg and Tim Bryant, while Joe Liquori added a single that drove in two runs. The only extra-base blow in this game was a double by Jim Flick of the Intruders.

The Bears trailed 8-6 and were in danger of losing their second game of the season until the sixth inning of their tilt with the Hornets, when they scored seven runs and went on to win by a final score of 13-10.

Long ball hitters for the Bears were Bryant, with a home run and Liquori, who collected a 3-base hit. The Hornets were led at the plate by Dave Stone, who had two hits (both singles) in two times at bat.

In what turned out to be a low-scoring defensive game, the third place VX-5 Vampires edged the previously undefeated NWC O's 4-1. The Vampires, who scored two runs each in the first and sixth innings of play, held the officers' team to a single tally in the bottom of the fifth.

A double by John Ball, of VX-5, was the only extra-base hit in this contest. Both Tom Viviano and Jim Clark were two for two at the plate for the Vampires. Tom White was credited with an RBI single that accounted for the only run for the NWC O's.

The Beef rolled to its first win of the season by scoring 10 runs in the first inning of what turned out to be an abbreviated 5-

inning contest with The Who.

In the second inning, The Beef chalked up four more runs and then added a single tally in the fourth. Les Trotter, winning pitcher for The Beef, allowed just 6 hits and walked none, compared to 8 hits given up by Craig Tullio of The Who, who walked 10.

Extra-base hits for the victors were a home run by Jim Horton and a double by Buddy Suttles. In addition, Rick Plante had two hits (both singles) in three times at bat for The Beef.

Standings in the Military (slow pitch) Softball League (as of May 25) are as follows:

Team	Won	Lost
Bad News Bears	4	1
NWC O's	3	1
VX-5	3	1
Intruders	2	2
The Who	2	3
Hornets	1	4
The Beef	1	4

Blocked road holds down holiay crowd at Lake Isabella

The crowd at Lake Isabella last weekend was not as large as usual, due in part to the rock slide that blocked Highway 178 between the lake and Bakersfield, but a lot of people still took advantage of the three-day weekend to camp, fish and boat.

While fishing in the Kern River above Kernville is not good, because of muddy and turbulent waters (the spring run-off is on), fishing in the little creeks above Johnsondale is superb.

Other high-country fishing is also rated as good to superb. Monache Meadows is now open, Kennedy Meadows fishing is excellent, and fishing both for planted trout and small natives in the Rockhouse Basin area is also good.

(Department of Fish and Game wardens advise that special care be taken with regard to snakes. A large number of rattlers have been spotted already this year.)

Fishing from the shore at Lake Isabella has not been very good recently because of the very hot weather. Anglers who either wade out into the water or use tubes to go into the shallows in the north fork area of the lake have been catching a lot of bass on nightcrawlers.

A fair number of trout and crappie are being caught in the lake opposite the cemetery and also around Lime Point. Big bluegill (up to 11 inches long) also are being taken in the north fork area.

Catfishermen struck out this last weekend; these fish weren't biting at all.



GOALIE SKILL TEST — A real test of the speed and agility of goalies was this part of the soccer skills test during which an offensive player had a close range shot at the net.

Eberhart, 3rd.
Juggling ball — Isaac Curran (4 times) 1st; Tiffany Marshall, 2nd; and Hugo Montes, 3rd.

3rd and 4th Graders
Goalie contest — Ted Mechtenberg, 1st; Chris Marshall, 2nd; and Danny Moldenhauer, 3rd.

Dribble race — Chris Marshall, 1st; Jason Rainwater, 2nd; Charles Eberhart, 3rd.

Dribbling ball through cones — Chris Marshall, 1st; Ted Mechtenberg, 2nd; Ryan Christensen, 3rd.

Goal shooting — Robby Stark, 1st; Charles Eberhart, 2nd; Alex Valdivia, 3rd.

Shooting at cones — Chad Bass, 1st; John Rae, 2nd; Charles Eberhart, 3rd.

Kick for distance — Robby Stark (99 ft., 3 in.) 1st; Nathan Nickell, 2nd; and Chris Mechtenberg, 3rd.

Juggling ball — Chris Marshall (15 times), 1st; Ted Mechtenberg, 2nd; and Chad Bass, 3rd.

5th and 6th graders
Goalie contest — Armando Valdivia, 1st; Jacob Jones, 2nd; and Jeff Hannon, 3rd.

Dribble race — Armando Valdivia, 1st; Doug Wilson, 2nd; and Jacob Jones, 3rd.



DEMONSTRATION — Jeff Dufendach, a member of the Scorpions '69 team, demonstrates his skill at dribbling a soccer ball between a row of cones. Young Dufendach, who was there to assist, was not an entrant in the soccer skills contest.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Military — I would like to identify myself as active duty Navy. In my days in boot camp it was taught to us that the U.S. flag is a symbol of respect and pride. Since when is it approved for someone to use that flag as a curtain in a barracks window, instead by flying it proudly where it belongs on top of the pole?

ANSWER

The American flag should not be used as a curtain. Perhaps we have someone who thinks it is proper and really doesn't know the correct way to display the flag. I have asked my Master-at-Arms to attempt to locate the individual and correct the situation.

You are right, the flag is our national symbol and should be treated with respect.

QUESTION

Civilian dependent — Several months ago a ramp was requested for the East Wing of the All Faith Chapel because there is one handicapped person who can't attend services held there by the Hebrew Congregation. It would be appreciated if action could be taken on this as soon as possible.

ANSWER

Construction of a ramp that will provide access to the East Wing of the All Faith Chapel for handicapped persons has been scheduled and should be completed by June 15.



SALUTE TO FALLEN COMRADES — Tom Flynn (at left), a retired U.S. Marine, directed a firing squad composed of members of local veterans' organizations in a rifle salute to those whose service to their country is hailed each Memorial Day. Other participants in the program were Mike Mower, vice-mayor of the City of Ridgecrest, principal speaker; RMCM (SS) R. A. Jacobsen, Command Master Chief of Air Test and Evaluation Squadron Five, master of ceremonies; Fred Shaughnessy, American Legion 27th District chaplain, who delivered the invocation and benediction; and members of a male barbershop harmony chorus, who sang "This Is My Country" and "Battle Hymn of the Republic." — Photo by Don Yockey

Reservation deadline nears for Thompson, McLean Awards luncheon slated June 15

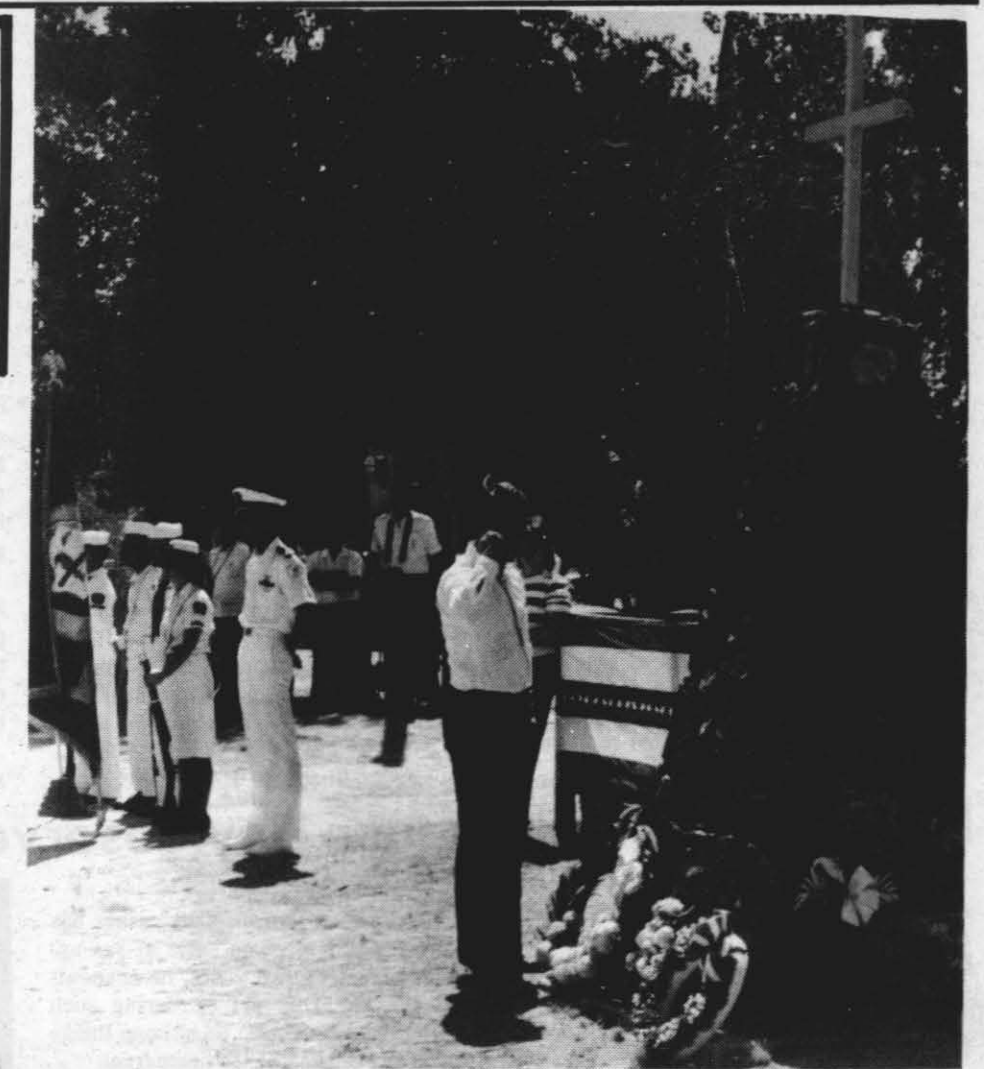
Reservations will continue to be taken through next Wednesday, June 6, for a luncheon planned in honor of the next recipients of the L. T. E. Thompson and William B. McLean Awards.

Presentation of the Thompson and McLean Awards will take place on Friday, June 15, during a luncheon that will get underway in the Mojave Room of the Commissioned Officers' Mess, starting at 11:30 a.m.

The Thompson Award is the Center's highest recognition for outstanding individual achievement. It honors the memory of Dr. Thompson, the Center's first Technical Director, and is given for notable contributions to the advancement of ordnance toward fulfillment of the mission of NWC — thereby aiding the forces of the U.S. Navy.

The McLean Award is given in memory of the man who followed in the footsteps of Dr. Thompson as NOTS Technical Director, and who is best known for evolving the original concept of the Sidewinder air-to-air missile. This award was established to recognize outstanding creativity among employees in furthering the mission of the Center, as evidenced by significant inventions.

Reservations for the awards luncheon can be made by calling either NWC ext. 2634 or 3379 by 11:30 a.m. next Wednesday. Luncheon choices are chef salad or ham steak Hawaiian (both \$5). Those who make a reservation and then cannot attend must cancel it, or they will be billed by the Commissioned Officers' Mess.



TIME-HONORED RITUAL — A wreath-placing ceremony by veterans and fraternal organizations in honor of this nation's men and women who died in the service of their country during wartime was a highlight of the Memorial Day observance held last Monday morning at the Desert Memorial Park in Ridgecrest. Among the participants in this part of the program, which was led by Betty Kinkennon, representing Gold Star Mothers, was AGC (AW) R. L. Braddock, president of China Lake Branch 95 of the Fleet Reserve Association, who is saluting after having placed a wreath for the FRA at the foot of the cross. AGC Braddock is the Chief Petty Officer-in-Charge of the Naval Oceanography Command Detachment at China Lake.

Four receive EEO Awards...

(Continued from Page 1)

department define their goals and with choosing the methods to attain these goals. Especially commended was his policy of having an open door to all employees, and his attitude toward EEO of "cut the rhetoric and platitudes and let's see some corrective action."

Dr. Taylor Joyner, the other supervisor receiving an award, was nominated by his division head, Lloyd Smith. Dr. Joyner's Explosives Branch in the Ordnance Systems Department, has five women, six minorities, and 17 white males. A woman is a program manager, and an Oriental male is a section head. In the branch is one EEO Counselor, one member of the Black Interest Group, and the Code 32 EEO Coordinator.

Much of this EEO activity is due to Dr. Joyner's encouragement, the letter of nomination says, continuing that "Dr. Joyner is aware that a good supervisor does not 'manage' people. He manages programs — and leads people. His approach to supervision ensures that each employee, regardless of age, sex, or national origin, is a valuable and highly regarded member of the organization."

Len Gulick, Program Manager of the NSAP/NSTEP Program Office on the Center, was nominated for his many years of outstanding contributions to and involvement, on a collateral duty basis, with the EEO program.

He was appointed to the first Center EEO Committee in 1971, and has been active with EEO for the past 13 years. His greatest and most valued contribution to the EEO Program, according to the nomination written by Naomi Mulhern, head of the Employment and Classification Division of the Personnel Department, is his service as an EEO Counselor since December 1971.

Gulick's knowledgeability has been invaluable as an expert resource in resolving EEO complaints and in establishing the training courses for the counselors.

Melda Dyer, a contract specialist in the Supply Department, was nominated for the non-supervisory award by John Wooldrige, Deputy Director of Supply.

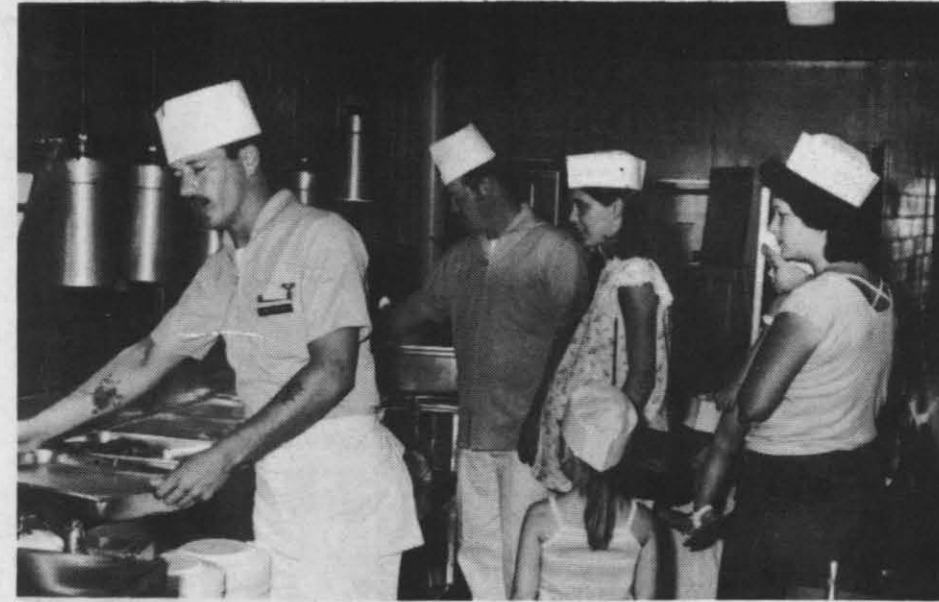
Mercury climbs to record high of 108 on holiday Monday

Feeling warm? It's with good reason, according to weather forecaster John Gibson, of the Naval Oceanography Command Detachment at China Lake. Last Monday's temperature of 108 degrees was the hottest day ever recorded in the Indian Wells Valley in the month of May, as well as equalling the highest temperature recorded at any time in 1983.

As of press time for the Rocketeer, 16 days of May had temperatures of 100 degrees or more. Normally, only one day in May will have the thermometer at the 100-degree mark. June usually has 10 days of 100-degree or more heat; July, 23 days; and August, 19.

The hundredth of an inch of rain that fell shortly after 5 a.m. Wednesday was also the first measurable precipitation since last Christmas day.

Gibson says that the weather pattern right now is one that is normal for late August.



KIBITZING — In a reversal of common roles, two Navy wives attending the National Military Spouse Day events on May 23 watch their husbands prepare food in the galley. In the foreground is MS3 Carey Lelevier, and behind him is MS2 Carlton J. Pedersen. Watching are Patricia Pedersen, holding her young daughter, Jennifer, and Shannon Pedersen, while young Amy Lelevier peeks around from behind her mother, Lisa Lelevier. Spouses were invited to visit the work sites as part of the observance of Military Spouse Day.

— Photo by PHAN Rebecca Gill

National Military Spouse Day observed here

The spouses of military personnel serving on board the Naval Weapons Center had their moment in the spotlight during the first observance of National Military Spouse Day on Wednesday, May 23.

From the highest levels within the Department of the Navy, the word was passed acknowledging the debt of gratitude that is owed by military spouses who "keep

tional Military Spouse Day.

Noting that his own military career has called for deployment on ships at sea approximately every two years, he acknowledged the key role played during such times by the spouse who must keep things going on an even keel on the home front.

When this situation was reversed during statewide assignments and his wife was away from the home for visits to other family members or when emergencies have arisen, Capt. Dickerson told of his own difficulties in meeting the dual-parent role and how happy he was to have his wife back once again to see to all the details connected with running a shipshape household.

"I'd like to make NWC a good duty assignment and a good memory for military personnel serving here with their families," the Skipper stated, adding that "the quality of life in the Navy, especially at China Lake, is a real and constant concern of Command."

The brief get-together in the Center theater was concluded by the showing of "Evening Colors," and an invitation from Capt. Dickerson for military spouses to involve themselves in the day's activities planned for their benefit.

This included the opportunity to pick up special passes and visit the working place of the military member of the family, as well as a luncheon and fashion show, the latter sponsored by the Ridgecrest Chamber of Commerce, that was held at noon at the Enlisted Mess.



STEPPING OUT — Elizabeth Hyatt, Miss Indian Wells Valley, could be ready for a dinner date in this beige boucle two-piece knit from Gorrano's that she modeled for the National Spouse Day fashion show.

the home fires burning" when duty calls for separation by land and sea assignments in foreign countries or on any of the oceans sailed by the seagoing arm of this nation's military forces.

Capt. K. A. Dickerson, NWC Commander, spoke from his own experience of the stress, hardships and sacrifices required of all family members by a military career.

During brief remarks at the Center theater that preceded the showing of the latest version of "Evening Colors," an NWC orientation film, the Skipper expressed the hope that any tendency the military might have to overlook the contribution of military spouses will be eradicated by the national attention focused on their importance by setting aside a special day as Na-

Awareness class on substance abuse offered military personnel

Military officers, chiefs and senior petty officers have the opportunity to register for a unique 36-hour course that will provide them basic facts regarding the use of alcohol, drugs, interpersonal experience, self-awareness and how to make decisions that make sense for themselves.

Successful completion of this course provides three units of continuing education credits from the University of Arizona, sponsored by the Navy Substance Abuse Prevention Program (NSAPP), and is a useful "tool" to carry out the Chief of Naval Operations' "Zero Tolerance" goals and policies.

Class sessions are planned in the Hangar 3 lounge at Armitage Airfield from 1 to 4 p.m. July 16 through 20, and from July 23 through 26. The curriculum covers stress management techniques, communication techniques, and decision making processes.

NSAPP is intended to prevent substance abuse through education, role modeling and

the offering of alternatives to the use of illegal drugs and the abuse of alcohol.

NWC and VX-5 personnel who have attended the class in the past have been extremely enthusiastic about it, stressing that their increased self-awareness and their ability to interact well with others has improved the quality of their personal lives.

This course is offered on a first-come, first-served basis. Military members are requested to submit a memorandum to Code 2104 not later than June 25. Anyone interested in more information about the class, or who wishes to sign up for it, should contact AD1 Russell Godbey by calling NWC ext. 2165 or 2167.

Registration open for first series of summer seminars

The Federal Women's Program will sponsor a series of Summer Seminars during June, July and August that will be of general interest to all Center personnel. Both men and women are welcome to attend.

The first of the seminars will be a workshop on how to fill out a form SF 171 that will be conducted by Karen Altieri on Friday, June 15, from 1 to 4 p.m. Since attendance at this workshop is limited to 25 people, all those who would like to attend should send a Training Authorization and Request form through department channels so that it will reach Code 094 by Friday, June 8.

On Wednesday, June 27, the Morris Massey tapes entitled "Where You Are Is What You Were When," will be played from 8:30 to 11:30 a.m. Again, since attendance must be limited, a Training Authorization and Request form must be sent through department channels; it must reach Code 094 by Wednesday, June 13.

Other sessions of general interest include a discussion of child abuse by Polly Ferraro, who heads the NWC Children's Center, and a worker from the Kern County Child Protective Services; a session on career development and planning career growth; a session on communication skills; another one on personal financial management; a workshop on personal safety and self defense; and additional career-oriented workshops that are being arranged.



VERSATILE GARMENT — A navy blue and white summer shear dress, like this one from Gorrano's, is suitable for lunch or dinner, or possibly at work as well. The model is Linda Buckingham, who participated in the National Spouse Day fashion show. — Photo by PHAN Rebecca Gill

Emergency flight of SAR helicopter helps save traffic victim

Thanks to a quick response by the Center's Search and Rescue helicopter crew last Sunday evening, the chance for survival of a young Ridgecrest accident victim was dramatically increased.

The 16-year-old and another young woman were thrown from their small pickup truck when it rolled over while traveling on Highway 395 near Pearsonville. Both suffered massive head and internal injuries; one of the two was injured so severely that attendants from the Tri-County ambulance felt that her only chance for survival was to be taken to the Ridgecrest Community Hospital by helicopter rather than by road.

NWC helicopter crew members were called at their homes at about 8:30 p.m. and had the helicopter airborne by 9:15. They picked up the young victim and flew her to Ridgecrest Hospital, where they landed at 9:38 p.m.

Despite all efforts, however, the young woman died Wednesday afternoon.

Piloting the Center's helicopter was LCdr. Buz Massengale. Crewmembers were AD2 M. J. Maironis, AEAN Barry Beavers, and HM3 Jana Davis.

Energy conservation tip

You can avoid wasting hot water by repairing all leaky faucets promptly. A small leak can waste as much as 60 gallons of hot water a week, and the energy it takes to heat that much water.

High school, junior highs plan graduation programs next week

Three Indian Wells Valley schools have scheduled their graduation ceremonies next week.

Approximately 300 members of the Burroughs High School Class of 1984 will be honored during a graduation ceremony on Thursday, June 7, at 8 p.m. at the high school athletic field.

Similar programs for some 415 ninth graders who will be moving up to high school from Murray and Monroe Junior High Schools when the new school year begins next September will take place on Friday, June 8, at the Center theater.

Members of the BHS Class of 1984 will march to their seats while the Burroughs High School band and chamber orchestra, directed by William Morrell, play the pre-graduation.

Student speakers during the high school graduation program, and the titles of the talks they will deliver, are Deborah Weiss, "Daring to Take Risks;" Jonathan Bell, "Paths for the Future;" and Jennifer Roseth, senior class president, "1984 We Can Do."

In addition there will be a duet, "You've Got a Friend," sung by James Wecker II and Robin Whitworth, accompanied by Glen Dorgan at the piano.

Following the presentation of the Class of 1984 by Michael McGrath, principal of Burroughs High, the graduates will receive their diplomas from Dr. Anthony Magliari, superintendent of the Sierra Sands Unified School District, and Arnell Basemore, president of the district's Board of Education.

Back-to-back graduation ceremonies for the ninth graders of Murray and Monroe Junior High Schools will get underway next Friday, June 8, in the Center theater. The Murray Junior High program will begin at 5 p.m. and will be followed at 7 o'clock by a similar ceremony for the graduates of

Monroe Junior High.

Approximately 215 students will receive diplomas during the Murray Junior High program that will open with the processional "Chariots of Fire" played by the school's concert band while the ninth graders file in and take their seats in the theater.

Following the presentation by Dr. Magliari of the Murray Junior High Class of 1984, diplomas will be presented by Basemore, president of the Sierra Sands School District Board of education.

There are approximately 200 ninth graders from Monroe Junior High in Ridgecrest who will be receiving their diplomas during the second of two graduation programs next Friday night at the Center theater.

Admission to this program will be by ticket only.

The invocation and benediction will be delivered by the Rev. George Carey, pastor of the Cumberland Presbyterian Church.

In addition to the introduction of the Monroe School Class of 1984 by Dr. Magliari, and the presentation of diplomas by Basemore, the Monroe, Junior High graduation program will be highlighted by a speech entitled "Take a Look at Us Now," given by Christine Shoblom, and a vocal rendition of the class song, "Against All Odds," sung as a duet by Celeste Beres and Krista Gaston.

Software engineering environment class to meet on Tuesday

The first in a series of software engineering environment seminars has been scheduled on Tuesday, June 5, from 1 to 2:30 p.m. in the Michelson Laboratory auditorium, Rm. 1000D.

This initial program will be a presentation on the Automated Interactive Design and Evaluation System by representatives of Hughes Aircraft. A demonstration of this equipment is planned as a part of the program.

According to Robert W. Burke, a computer scientist in the Research Department's Numerical Mathematics and Scientific Computing Branch, the seminars have been arranged for the purpose of keeping NWC personnel informed and up-to-date on state-of-the-art software developments.

Additional information can be obtained by calling Burke at NWC ext. 2379.



USAF RESERVIST COMMENDED — Capt. K. A. Dickerson, NWC Commander, pins the Air Force Commendation Medal onto the jacket of Lt. Col. William T. Cooper, USAF Reserve, during a ceremony held in the Skipper's office. Lt. Col. Cooper, an NWC employee, was cited for his service from Nov. 1, 1979, to May 16, 1984, as assistant planning officer in the Office of Emergency Services in Bakersfield.

USAF Reserve officer commended for disaster preparedness work

William T. Cooper, assistant head of the Engineering Prototype Division in the NWC Engineering Department, was the recent recipient of the Air Force Commendation Medal in recognition of his meritorious service while assigned to the Office of Emergency Services in Bakersfield.

The presentation to Cooper, who is a lieutenant colonel in the Air Force Reserve, was made by Capt. K. A. Dickerson, NWC Commander, on behalf of the Air Force Reserve Personnel Center.

Cooper, a general engineer who has been employed at NWC for nearly 24 years, has accumulated a total of 37 years of active

and reserve duty in the Air Force.

For the past 10 years he has assisted Ron Adkins, the Kern County Coordinator of Emergency Services in Bakersfield, as well as the local Disaster Preparedness Office in the NWC Safety and Security Department.

Lt. Col. Cooper, USAF Reserve, was cited for his "outstanding and professional skill, knowledge and leadership that have aided immeasurably in identifying problems in the field of disaster preparedness and resource management, and for developing and implementing research projects capable of solving these problems."

America's main future trends to be aired at lecture June 6

Futurists and others who are interested in discovering the main trends underway in changing America will have a rare opportunity next Wednesday, June 6, to get some of their questions answered when John Elkins will talk at an open meeting in the Michelson Laboratory auditorium at 9:30 a.m.

Elkins is a member of the Naisbitt Group. As a principal of the Western Region office in Denver, he oversees the publication of three regional quarterly

Trend Reports, and further studies these trends to aid client companies in strategic planning.

Companies using this service include AT&T, Levi Strauss, Safeway, Mattel Toys, Security Pacific National Bank, Alamo Rent-A-Car, Wellington Management Company and other national and regional corporations.

The studies of trends carried on by the Naisbitt Group provided the material for John Naisbitt's best selling book "Megatrends: Ten New Directions Transforming Our Lives."

Elkins, who was born and educated in England, received his bachelor's degree from the University of Exeter. He studied at the University of Oregon on a foreign student scholarship, and returned to England after receiving his master's degree from that institution. He then lectured at the Bournemouth School of International Studies before once more returning to the United States.

Elkins has been with the Naisbitt Group since 1980.

Car driver reports near collision with unwary bike rider

A very shaken motorist telephoned the Rocketeer last week to ask that a special reminder be printed for bicyclists to use the bike lanes.

The motorist said that a bicyclist had zipped onto East Inyokern Road east of the traffic circle directly in front of him — and that it was only by luck that a collision was avoided.

"I'd rather not pick up a cyclist as a hood ornament," the driver commented. "In a collision between a 5,000-pound car and a 170-pound bicyclist, neither car nor bicycle will win, but the bicyclist will be the greater loser."

NWC firefighters lend assistance to Kern County firemen

Good neighbors go to each other's aid, and the Naval Weapons Center once more had the opportunity last week to be a good neighbor by sending NWC firefighters to man Kern County Fire Station No. 74 in Ridgecrest and to provide a firefighter to Kern County Fire Station No. 73 in Inyokern to cover those stations.

Capt. Daryl Moore, Kern County fire captain out of Station No. 74, called on the Center's Fire Division in the Safety and Security Department to back up the county fire fighters, who had been called out to help fight a blaze near Lake Isabella.

Under terms of a Mutual Aid Agreement that the Center has with Kern County, NWC Fire Division personnel responded promptly. A pumper and crew was sent to Station 74 in Ridgecrest, and Lt. Dennis Squier was sent to Station 73 in Inyokern to join a call fireman who was able to man that station.

Personnel sent to Ridgecrest included Assistant Chief (acting) Larry Kuster, Lt. Ray Ames, Ted Rhoades, Pat Muns, and Rick Winniford.

According to Deputy Fire Chief Darrell R. Johnson, NWC has Mutual Aid Agreements with Kern, Inyo and San Bernardino Counties, and has a Memorandum of Understanding with the Forest Service, Bureau of Land Management, and Sequoia National Forest, so all these groups can support each other when needed.

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(Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!



RUB-A-DUB-DUB — Friends (?) of a number of military personnel contributed money in their names at a Navy Relief Society fundraising airplane wash held on Thursday, May 24. A total of 12, including both Capt. Scotty Vaught, Chief Staff Officer, and Capt. Joe Phaneuf, head of the Aircraft Department, ended up using the scrubbers and hoses. While the airplane wasn't clean enough to pass inspection, a damp good time was had by all — and the Navy Relief Society is richer by \$1,167. — Photo by PHAN Greg Hogan