

Cast chosen, dates given for staging of 'The Rainmaker'

Rehearsals are now well underway for the China Lake Players production of "The Rainmaker."

Opening night of the production will be Friday, April 13, with additional performances on April 14, 19 through 21, and 26 through 28, all held in the Playhouse (at the corner of Lauritsen Road and Blandy Avenue).

Cast in the role of Bill Starbuck, the man who claims to be a rainmaker, is Greg Cote, with C. Karen Altieri taking the role of Lizzie Curry, a prairie wallflower who is brought to realize her own charm and the beauty of life.

John Kern, Robert Persons and Bob Hoffman will portray Lizzie's father, H. C. Curry, and her two brothers, Noah and Jimmy. Cast as the sheriff and his deputy, respectively, are Richard Jackson and Ted Fiske.

Karen Buehler will direct the production.

Reservations are strongly recommended and may be made by telephoning The Music Man, 375-4001. Tickets must be picked up no later than 8 o'clock on the night of the production, with curtain time being 8:15.

General admission is \$3.50, and the charge for students, senior citizens and enlisted military is \$2.50.

Auction of original art work planned by WACOM

Art lovers will have the opportunity to purchase original paintings at an art auction sponsored by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) on Friday, March 30.

The art work will be on exhibit at the Commissioned Officers' Mess from 6 to 7:30 p.m., and the auction will begin at 8 o'clock. All interested persons are invited to attend.

A donation of \$1 per person will be asked at the door. Wine and cheese will be served throughout the evening.

The art work is being furnished by Royal Art, Ltd., of North Hollywood. Visa, MasterCard, checks or cash will be accepted in payment for any art work that is purchased.

Now is time to sign up for visit to petroglyphs

The Maturango Museum has scheduled a series of trips to the petroglyphs this spring and is now accepting reservations from those who'd like to take an escorted tour of this registered historical site.

Dates scheduled for trips are April 14 and 15; May 26 and 27; and June 2 and 9. There will be no charge for members of the museum, but non-members will be charged \$5 for adults and \$3 for children between the ages of 8 and 15.

Reservations may be made by telephoning the Maturango Museum at 446-6900.

Snack bar hours changed

The Bennington Plaza Snack Bar's new hours of operation are from 6 a.m. to 4 p.m., Monday through Saturday.



Weekend Roundup

"Kountry Cookin'," a six-piece band from Los Angeles, will entertain patrons of the Chief Petty Officers' Mess this evening from 8:30 to 12:30 o'clock. Dinner, featuring Icelandic cod or prime rib of beef, will be served from 6 to 9 p.m.

The CPOM will be open for dinner tomorrow evening and will feature a special porterhouse steak dinner, in addition to items from the regular menu.

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This evening, in a first-time appearance at the Enlisted Mess, disc jockey Steve Malar will present "Upstage," a lively blend of recorded disco music, "top-40" selections, and musical requests. Dancing will begin at 9 and continue until 1:30 a.m.

The dining room will feature a lobster dinner this evening from 6 to 9 o'clock, and porterhouse steak tomorrow evening from 6 to 8:30 p.m.

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The Commissioned Officers' Mess will be open for dinner this evening from 6 to 9 o'clock. Patrons may select from the regular menu or choose a special of prime rib of beef.



UNUSUAL ENTERTAINMENT — "Mime Musica," a blending of pantomime and music by John Harvey and Joemy Wilson, will be presented next Wednesday, March 28, at 7:30 p.m. in the Center theater. This is the fifth program in the current series of the Indian Wells Valley Concert Association.

Concert combining pantomime, music to be presented March 28

Local concert goers can look forward to a journey into the realm of the imagination next Wednesday, March 28, when they experience "Mime Musica" during a program that will start at 7:30 p.m. at the Center theater.

This skillful blending of pantomime and music is the fifth concert in the Indian Wells Valley Concert Association's 1983-84 season. Some partial season memberships, which offer savings on the remaining concerts, are still available. For information, interested persons should call 375-5600.

Single-event tickets for "Mime Musica" are priced at \$5 each (\$3 for persons under 21 or over 65 years of age, and for full-time enlisted military personnel).

"Mime Musica," which combines the whiteface mime of Jon Harvey and the dulcimer playing and vocals of Joemy Wilson, made its debut at the Baltimore Theatre Project in 1977.

Harvey, who was inspired in early childhood to explore non-verbal communication with his deaf aunt, has dedicated his life to the silent art of mime. A student of Marcel Marceau, Harvey has appeared at Carnegie Recital Hall in New York, and at well over 200 college and university campuses across the country. He also was the first mime ever awarded a grant in choreography from the New York State Council on the Arts.

Joemy Wilson has sung with the New York City Opera and the Pennsylvania Pro Musica. She also is one of the nation's most innovative performers on two ancient instruments — the Appalachian Mountain dulcimer and the hammer dulcimer.

Also scheduled at 10 a.m. next Wednesday is a student program at the Center theater for fourth graders from the Sierra Sands Unified School District, seventh graders from Murray Junior High, and selected

groups of other students from public and private schools in the local area.

Some seating in the Center theater also will be available for the general public during this student program, which is provided at no charge as an educational service of the IYW Concert Association, and is made possible by contributions to the Student Education Fund.

Alaskan wilderness trip to be recalled by film-lecture Tues.

Hal and Jean Bennett will present a Maturango Museum lecture entitled "Through the Gates of the Arctic by Backpack and Kayak" at 7:30 p.m. on Thursday, March 29, at the Burroughs High School lecture center.

To defray the cost of renting the lecture center, a fee of \$1 will be charged Maturango Museum members, and \$2 for nonmembers.

The Bennetts, along with their traveling companions, Bill and Naomi Norris, will describe their trip to the Gates of the Arctic National Park on the south slope of the Brooks Range in Alaska last summer. The first 12 days of the trip were spent backpacking through a wildly beautiful area where they saw much wildlife but no sign of human habitation. The last five days of the trip were spent kayaking on the Koyukuk River.

To illustrate the lecture, the Bennetts will show super-8mm movies.



REST STOP — Jean and Hal Bennett pause momentarily on their backpacking trip through the Gates of the Arctic National Park. They will describe their journey at a Maturango Museum lecture at 7:30 p.m. on March 29 at the Burroughs High School lecture center.

Desert Counseling Clinic to celebrate 33 years of service

The Desert Counseling Clinic will celebrate its 33 years of service to the community at a dinner to be held Saturday, April 14, at the Elks Lodge, 201 E. Church St., Ridgecrest.

The evening will begin with a social hour at 6 o'clock, to be followed by a roast beef and turkey buffet dinner at 7 o'clock. Reservations for the dinner, which costs \$12.50 per person, must be made by Wednesday, April 11, and may be made by telephoning either Sophie Dodge or Bonnie Palmer at the clinic, 375-9781.

Highlights of the evening's program will include the presentation of the Sylvia Besser Award to an individual who has made an outstanding contribution to the mental health and well-being of the community, a discussion of the current programs of the clinic, and the introduction of new board members and officers.

Guest speaker for the evening will be State Sen. Walter Stiern, who will talk about what is happening in the state capital and possible implications for mental health funding in the state.

Pilots invited to hear about avoiding collisions

All pilots are invited to attend a program on how to avoid near mid-air collisions that will be presented Monday at 7:30 p.m. at the Senior Citizens' Center, 120 S. Warner St. in Ridgecrest.

The program will cover the physiology of the eye as well as other practical information that will help avoid mid-air collisions or near misses. A film entitled "Take Two and See" will also be shown, and V. F. Brophy, an accident prevention specialist, will speak on "Visual Collision Avoidance."

NEX now has fresh flowers

The Navy Exchange florist shop once again has fresh flowers for sale. Also available are special orders, bouquets, corsages, single flowers, bud vases, and floral arrangements in a variety of styles and sizes.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) PARENTAL GUIDANCE SUGGESTED
Some Material May Be Inappropriate
for Children Under 13
Under 17 requires accompanying
Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY	"RAIDERS OF THE LOST ARK" Starring Harrison Ford and Karen Allen (Action/Suspense, rated PG, 115 min.)	MARCH 23
SATURDAY	"KRULL" Starring Ken Marshall and Lysette Anthony (Fantasy/Adventure, rated PG, 121 min.)	MARCH 24
SUNDAY	"WAR WAGON" Starring John Wayne and Kirk Douglas (Western/Drama, rated PG, 99 min.)	MARCH 25
MONDAY	"WORLD ACCORDING TO GARP" Starring Robin Williams and Mary Beth Hurt (Drama, rated R, 137 min.)	MARCH 26
FRIDAY	"NIGHTSHIFT" Starring Henry Winkler and Michael Keaton (Comedy, rated R, 106 min.)	MARCH 30

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From: _____

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To: _____

Green light given

For establishing Electronic Assembly Productivity Center

A bold new step is about to be taken in an area in which the Naval Weapons Center already has gained national and international recognition.

The green light has been given by the Office of the Chief of Naval Material for establishing an Electronic Assembly Productivity and Manufacturing Research Center.

The schedule for this new venture calls for moving into a building in Ridgecrest that will house the facility by July 1 and going into operation by Sept. 1.

The aim of the Electronic Assembly Productivity and Manufacturing Center is to lead to a better understanding and utilization of existing commercial assembly equipment, to aid in the selection and transition of equipment into the production line, and provide data in the form of cost efficiency and cost effectiveness to the production lines of Navy contractors.

The Electronic Assembly Productivity and Manufacturing Research Center is to be

developed as a test bed and demonstration facility in support of research on materials and processes by the Navy personnel, industry, academia, and other government agencies.

This Productivity Center is an outgrowth of the NWC Engineering Department's Soldering Technology Branch headed by Jim Raby, and it was Raby, joined by co-workers Donna Sanger, Kathi Johnsen, Mel Scott and Rick Breittengross, who conceived the idea and developed the proposal that is about to come to fruition when the Electronic Assembly Productivity and Manufacturing Research Center goes into operation.

Center goes into operation. Initially, the aspects of productivity and manufacturing that have been chosen for study and research will be small batch electronic manufacturing that utilizes manual, operator assisted, and semi-automated equipment. Computer terminals will be utilized to maintain a model paperless fac-

tory. It is the intent of the Productivity Center staff to speed the implementation of new technologies and streamline existing technologies in the field of electronic component assembly and production. Success will be measured by a reduction in the number of rework operations that are required and fewer field failures of electronic equipment.

Center personnel will conduct studies, establish efficiency data and process requirements that are geared to maximizing cost effectiveness of the equipment used and the quality of the product.

Plans call for objectively evaluating existing electronic component manufacturing and assembly equipment, and comparing manufacturers' products having similar capabilities. These evaluations will be the basis for technical reports, both written and visual, that will be available for distribution to contractors and government agencies.

Because cost analysis will be another important function of the Productivity Center,

questions such as when it is cost-efficient to move from semi-automated to fully-automated equipment, and which manufacturer's equipment would best suit the individual's needs, will be answered.

In addition, another function of the Productivity Center will be to work out various options and plans that require different levels of equipment and training.

Industry will be invited to send key representatives here to conduct studies on the Productivity Center's equipment — utilizing the unique hardware configurations that will be transferred through the Productivity Center's Data Dissemination and Information Exchange System.

The Electronic Industries Association (EIA) will help coordinate the activities between contractors and Productivity Center personnel. In this way, the new facility will lead to a better understanding and utilization of available equipment,

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March 23, 1984

Vol. XXXIX, No. 12

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA



GETTING A LOOK AT THE WORLD — Although classified as a rare or endangered species, these young Mojave ground squirrels don't seem to be concerned about that status. They are fairly common on Center lands, along with their relatives, the antelope ground squirrels.

Government-wide goal set of reducing workplace injuries

President Ronald Reagan has established a government-wide five year goal of reducing civilian workplace injuries/illnesses three percent per year, starting with the present fiscal year.

The President notes: "We must make the federal government an example in occupational safety and health. We cannot allow conditions to exist in our workplaces which would be unacceptable in the private sector."

The President emphasized his concern about federal government illness/injury claims which are approaching one billion dollars annually.

The three percent per year reduction goal will be measured by the Department of Labor, using the number of new Federal Employee Compensation Act (FECA) injury claims. For this reason, a two-pronged program emphasizing mishap prevention and FECA claims management is mandatory if the Navy is to attain the goal.

According to information received from the Office of the Chief of Naval Operations, this effort will require Command leadership and awareness on the part of all hands.

The most effective and obvious way to reduce injuries/illnesses, it is stressed, is to eliminate hazards and ensure management and first line supervision accountability. All echelons of command, particularly shore activity Commanding Officers, must personally involve themselves in their Command's Occupational Safety and Health (OSH) Program.

Commanding Officers are asked to review carefully their OSH Programs to ensure that they are preventive and meet the Navy's OSH requirements.

The Navy Inspector General is now beginning to monitor and measure activity performance in FECA cost control. Keys to reducing costs, it is emphasized by the CNO, are Command awareness, interest, and trained compensation claims managers.

NWC involved in protecting endangered plant, wildlife species found aboard Center

With the dramatic increases in human populations and increased recreational and commercial use of desert lands, the protection of the environment afforded by areas of restricted access such as military reservations becomes vital for the survival of many threatened or endangered species of animals and plants.

NWC's more than 1,700 square miles of land provides such protection for species of fish, birds and mammals already identified as endangered or threatened, and a survey is ongoing to determine what rare, threatened or endangered plants can be found on board.

Under the Endangered Species Act of 1973, the Center is required by federal law to pursue the recovery and protection of species listed as endangered or threatened by the Fish and Wildlife Service. An endangered species by its definition is any species in danger of extinction throughout all or a significant portion of its range.

The California Department of Fish and Game also lists for protection species that are endangered or rare. Rare species are those that have the potential for becoming endangered. By use of a Memorandum of Understanding, NWC also recognizes those species as listed by the state and tries to protect these as well.

The first step, according to Bev Kohfield, a biologist assigned to Endangered Species Management in the Environmental Branch of the Public Works Department, is to study the species to determine its abundance and location on board.

"If it's a species that we don't know much about," she says, "we try to get an expert on that species to come in and show us what to look for."

Looking for a species can involve aerial surveys for large animals but often involves trudging by foot through the desert or mountain ranges. Ms. Kohfield says that they actually prime areas by laying out boards in areas where beetles and bugs rather than brown pelicans.

sheltered spot. At a later date an insect survey can be accomplished simply by turning over the boards.

Once a survey is completed, the information is entered into a Navy-wide computer data base (Relatabase). Sensitivity maps indicating where populations of the rare, threatened or endangered

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UNCOMMON VISITOR — This young California brown pelican, who is listed in the category of a rare or endangered species, wandered in and around a number of buildings on the NWC ranges in August 1981. After several days, he took off and headed back to the coast where his species ordinarily lives. The pelicans normally seen around the Center in spring or fall are white rather than brown pelicans.



Scorpions post 4-1 victory over East Foothill Rowdies

The opening round of play in the Inland Empire Youth Soccer League last Saturday resulted in a notch in the win column for the Ridgecrest Scorpions '68 soccer team.

The Scorpions '68 team defeated the East Foothill Rowdies in San Bernardino by a score of 4 to 1, putting the Scorpions into a tie with the Riverside Devils for first place after one series of contests.

The scoring began midway through the first period of play with a goal tallied by Scorpion midfielder Scott Piri after forward Billy Hugo slipped the ball to Piri from midfield.

Piri was again part of the scoring action near the end of the first half of play. At 36 minutes into the 40-minute period, Piri passed the ball to Bill Ledden, who punched it past the Rowdies' goalie to increase the score to 2-0 in favor of the Scorpions at the half.

Following the start of the second half, the San Bernardino team managed to push a goal through the Ridgecrest defenders at the 13-minute mark to threaten the Scorpions' lead, but the game was soon settled by the efforts of Ledden and Hugo.

On two feeds from Ledden, at the 15- and 17-minute marks, Hugo twice booted the ball past the Rowdies' defenders to top off the scoring in this game.

The Scorpions '68 play was well balanced and aggressive, despite the efforts of the Rowdies' offside trap that denied the local team several scoring chances.

Defensively, Brian Hayes gave a superb effort as a stopper back for the Scorpions and Neil Johnson performed well at the sweeper position — better than ever considering the young man had open heart surgery last December, Coach Karl Kauffman said.

Next league action for the Scorpions '68 team will be a home game at Davidove Field tomorrow afternoon at 2 o'clock against the Azusa California Express squad.

Youth soccer season opens with 17-game slate

A full, 17-game schedule provided action aplenty for boys and girls in the first through ninth grades who launched the 1984 spring season of Youth Soccer League competition last Saturday.

The wind, which was a factor in some of the early-morning games, was no problem during most of the contests played later in the day.

In the three-team Division IV (for 7th through 9th grade players), the Hotspurs got off on the right foot by defeating the Bandits 1-0 and edging the Lasers 2-1.

Cary Cooper, assisted by John Bass, tallied the only goal for the Hotspurs in their narrow win over the Bandits, and also accounted for both of the Hotspurs' goals in their 2-1 win over the Lasers. In this second contest, Jason Black and Greg Burnes were credited with assists on the goals by Cooper.

The lone goal scored by the Lasers in their loss to the Hotspurs was tallied by Ivan Chirinos.

In the only other Div. IV tilt, the Lasers knocked off the Bandits 4-1 on the strength of two goals by Brian Lindsey and one each by Jamie Bumgardner and Bob Nelson. The single score for the Bandits was tallied by Richard Schiavone, who scored on a pass from Paul Grenier after a steal by Bill Miller.

Shaun Thyne, goalie for the Bandits, turned in a topnotch performance by making eight saves of shots at the net by the Lasers.

A close game between the Tornadoses and Diplomats highlighted action between 5th

Burros varsity nine drops first two league tilts

Burroughs High School's varsity baseball team is off to an inauspicious start of the 1984 Golden League season — having lost its first two games to the Antelope Valley and Canyon High School squads by scores of 8-1 and 10-6, respectively.

Two games do not a season make however, and since the league schedule calls for three contests between each of the Golden League foes there is hope for the Ridgecrest team — provided that pitching can be improved and the batters can bunch their hits.

Upcoming are two road games for the Burros, who will be at Saugus this afternoon and will travel to Palmdale on Tuesday. Both contests start at 3 o'clock.

Last Tuesday's game with the Canyon Cowboys saw the Burros take a short-lived 2-1 lead in the first inning, but the visitors from Canyon Country then took charge. While shutting out the Burros until their last turn at bat in the bottom of the seventh, the Cowboys tallied 3 runs in the third inning, plus 5 in the fifth and a single tally in the top of the sixth as they cruised to a 10-2 lead.

A 4-run upsurge by the Ridgecrest team was too little and too late in the last half of the seventh and final inning.

David Hawkins, who started off on the

base with no outs.

Hawkins was relieved on the mound by Jon Truitt, who accidentally hit Joe Zacharia, the first batter he faced. Zacharia was picked off trying to steal second on a good throw by catcher Dan Allen, but a sacrifice fly by Larry Kobe enabled Brian Cooper (the batter who doubled in the inning's first two runs) to tally from third.

The Kerschner brothers (top of the Cowboys' batting order) then went to work. Jay drew a walk and Joe doubled to right field — driving in his brother with another run.

A walk issued to Mike Clark was the signal for Truitt to step down and pitching duties for the Burros were taken over by Larry Jeffries. He was promptly tagged for a double by Tony Moore that scored Joe Kerschner.

ONE RUN WIPED OUT

Clark also appeared to have scored, but instead was called out by Rick Booth, the home plate umpire, for failing to touch the plate and the top half of the fifth ended with the Cowboys resting on a 9-2 lead.

In the sixth inning, Canyon loaded the bases on a single, a wild pitch that struck a batter, and a walk. Then, with two outs, the runner on third base scored when a pitch got away from Allen, the BHS catcher.

The Burros' last hurrah in the Canyon game came in the bottom of the seventh when a 10-2 shellacking was turned into a more respectable loss by a score of 10-6.

Haleman led off with a double to center field, and Daniel Means flied out to right field. Kaupp then drew a walk and a single by Blecha drove in Haleman.

BARKLEY DOUBLES IN TWO

Kaupp scored moments later when the play on a ground ball off the bat of Allen was made at second base to force out Blecha. A single to short center field by Lewis gave the Burros two men on base with two outs, and Steve Barkley delivered a double that drove in both Lewis and Allen Celestine, who had been put on base to run for Allen.

Darrin Clodt, put in as a pinch hitter, grounded out to end the game with the Burros on the short end of a 10-6 final score.

Cary Snyder, the winning pitcher, went the distance on the mound for Canyon. He gave up 7 hits, struck out 9 and walked 4.

The Canyon Cowboys had a field day as they battered three Burroughs pitchers for 14 hits, including 6 doubles — two each by Tony Moore and Joe Kerschner.

Kaupp had a perfect day at the plate for Burroughs. In four times at bat, he doubled twice and drew two walks. Haleman and Barkley also hit two-baggers for the Burros.

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China Lakers place fifth in MDISL volleyball tourney

A team representing the Naval Weapons Center finished in a tie for fifth place in the Mojave Desert Inter-Service League (MDISL) volleyball tournament held last weekend at Vandenberg Air Force Base near Lompoc, Calif.

The China Lakers, led by Jerry Kissick, as player-coach, got off a good start by defeating their counterparts from Fort Irwin 15-13 and 15-7.

After that, however, the NWC volleyballers were knocked out of this double elimination event as a result of losses to George Air Force Base and the host team from Vandenberg Air Force Base.

The airmen from George AFB defeated NWC 17-15 and 15-11. In a three-game match with Vandenberg, the China Lakers won the first game, 15-12, lost the second 12-9 (called due to elapsed time), and then dropped the third contest 15-10.

In addition to Kissick, other players on the NWC volleyball team were Bob Smith, Loy Vincent, Peter Love, Dick Swenson, Carl Norlund, Bob Burke, Keven Switzer, Bo Arnold and Del Kellogg.

Vincent was commended by Kissick for the fine job he did of hammering the ball throughout the tourney tilts engaged in by the NWC squad.



YOUTH SOCCER LEAGUE TEAMS CLASH — Sarah Griffin, a center halfback for the Strikers, cranks up to boot the ball out of her team's territory during this bit of action in the Division II Youth Soccer League contest between the Strikers and the Sting. The nearest opposing player is Andy Scott. Coming up to assist is Rodney Nutter (in center), also of the Strikers, who won the season opener for these two teams by a score of 4-0.

and 6th graders competing in Division III of Youth Soccer League.

The winning goal in what was a 3-2 victory by the Tornadoses over the Diplomats was tallied in the last minute of play by Will Freeman, assisted by Marc Frisbee. This same duo had combined their efforts to score the Tornadoses' first goal of the game, while Osburn tallied unassisted for the winners.

In what was a very good match for the first contest of the season, Lamont Dawson scored the Diplomats' first goal, and the contest was tied at 2-2 on a corner kick by Daniel Hobson.

Scores of other Division III games were Whitecaps 4, Rogues 2; Sounders 2, Surf 0; and Roughnecks 4, Kicks 0.

A 3-goal effort by Armando Valdivia paced the Whitecaps to their 4-2 win over the

Doris Lalor wins Ladies Golf Club tournament

Doris Lalor, who posted a net score of 61, won the two-day handicap tournament held last Saturday and Sunday at the China Lake golf course by the Ladies' Golf Club.

Each of the 20 participants in this event paid an entry fee of \$5, and this money was collected and donated to a local charity of the winner's choice, which turned out to be We Care of Indian Wells Valley.

Entrants in this event were allowed to record only their best score on each hole during each day of the two-day tournament, and their handicap was then deducted to arrive at the total score for 18 holes.

Rogues. Mike Kinne also got in on the scoring with a single goal for the 'caps, while goals for the Rogues were tallied by Jeff Flower (assisted by Tim Castleberry) and by Tim Matson (assisted by Chad Bass).

Kirk Roberts was singled out as his team's outstanding defensive player in the 2-0 shutout posted by the Sounders over the Surf.

Three first-half goals, while the Roughnecks had the wind at their back, led the way to a 4-0 win by the Roughnecks over the Kicks. Matt Duncan, Joe Kitchens, Craig Hata, and Brian Perez all scored for the Roughnecks.

In Division II contests (for 3rd and 4th grade players), the Aztecs and Sockers both won their games by the identical score of 1-0 over the Lancers and Cosmos, respectively, while the Drillers edged the Blizzard 3-2. Also in this division, the Timbers and Sting shut out their opponents (the Earthquakes and Strikers) by scores of 3-0 and 6-0.

An unassisted goal by Danny Moldenhauer propelled the Aztecs to their 1-0 win over the Lancers. Chris Cox, Jonathan Rae and Steve Stecht all played well in their forward positions for the Lancers, but were unable to crack through for a score.

Jason Rainwater booted home the only goal for the Sockers in their 1-0 victory at the expense of the Cosmos. Dirk Hartman led a strong defense for the victors.

One goal each by David Bartels (assisted by Adam Drybread) and Scott Becker weren't enough for the Blizzard team, which

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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 have a traffic safety suggestion concerning the road from the main gate going to Sandquist Road. Cars coming from the main gate don't even bother to turn on their turn signal lights. They just merge, and I almost hit them many times (five times as far as I can remember).

Is there a way you could put a traffic policeman on this intersection to avoid mishaps and catch the violators? This is true especially in the morning from 6:30 to 7:45.

Also, does the Center still use the railroad tracks that cross Sandquist Road? Is there a way they could flatten the road out if there is no use for this track, in order to minimize repairs on tubes and tires for those riding bicycles to work, and the cost of wheel alignment for those who use their privately-owned vehicles? Thanks a lot.

ANSWER

Although I understand and share your concern about the near collisions you have experienced, a police officer permanently stationed at this intersection would probably not provide a long-term solution to the problem. In fact, the officer's presence could have an adverse effect on proper traffic flow. We, as responsible drivers, must continue to stay alert for the unthinking actions of those person who fail to drive prudently.

I have asked Code 24 to look into the possibility of increasing the police patrols of this area during peak traffic periods. This action should promote the safety awareness of all drivers.

The removal or covering of the railroad tracks is being addressed by the traffic engineer's office in Code 263 at this time. Corrective action should take place in the near future.

QUESTION

Military Dependent — I would like to know how we can go about getting dental insurance through the Navy. There are too many people who cannot afford dental insurance. There is a plan on the base now, but when you leave it's no longer good, and you still have to pay the premiums. I think the Navy is a large organization, and they should be able to provide some sort of a dental insurance plan. Thank you.

ANSWER

About the only way I know to get such insurance through the Navy is through the political process. Laws would have to be written and the Defense budget changed. A letter to your Congressman might be a good place to start.

The Credit Union here at NWC does offer two insurance plans that are available to members. I have been informed that a person signs up, and pays premiums for a minimum of two years. Coverage is still good when a person leaves the base and anywhere in the U.S. during this two year period.

DK2 Ward is honored as PSD, China Lake, Sailor of Quarter

Disbursing Clerk Second Class Terry E. Ward has been selected as not only the Sailor of the Quarter for the first quarter of Fiscal Year 1984 for the Personnel Support Detachment (PSD) at China Lake but also as Sailor of the Quarter for the network of five PSDs under the Personnel Support Activity, Long Beach.

The letter of commendation presented to DK2 Ward by Cdr. Timothy R. McMasters, Commanding Officer of the PSA, Long Beach, commends Petty Officer Ward's thoroughness, knowledge and professionalism.

"You have additionally," the commendation notes, "demonstrated the willingness to train personnel within your area of responsibility."

Petty Officer Ward has been in the Navy since April 1979 and has been at China Lake since August 1982. He is a native of Marion, Ohio, and a graduate of Harding High School in that community.

He, his wife, Rebecca, and daughter, Lori, live in quarters on the Center. He enjoys playing tennis, bowling, and playing billiards in off-duty hours.

For being selected as Sailor of the Quarter for both the China Lake PSD and the Network Sailor of the Quarter, Petty Officer Ward received a letter of commendation for each honor, a plaque for each, and a 72-hour special liberty for each.



COMMENDATION IN ORDER — DK2 Terry Ward receives a plaque from Cdr. Timothy R. McMasters, Commanding Officer of the Personnel Support Activity, Long Beach, for being selected as both the China Lake Personnel Support Detachment Sailor of the Quarter and the Sailor of the Quarter for the network consisting of five PSDs.



HARM SOFTWARE MODIFIED — Thomas O'Donovan (seated) calibrates a PROM unit — a recent modification to the software for HARM. Shown with Donovan, who is the HARM Software Support Facility manager, as he checks out the computer systems and a PROM programming unit, are Bob Luedecke (at left), avionics systems engineer in the HARM office, and Tim Paul, of the Engineering Department's Quality Assurance Branch.

HARM software modified by addition of memory modules

The High-speed Anti-Radiation Missile (HARM) provides defense suppression capabilities to both Navy and Air Force users.

The system operation changes with time and now, to adapt to changes, engineers in the Electronic Warfare Department have conceived an add-on block of Programmable Read Only Memory (PROM) to modify the system operation.

The HARM Software Support Activity is involved in programming these "Memory Modules" for the Fleet. A dozen of these modules have been completed and another 12 are scheduled for distribution to both East and West Coast units. These modules provide information that allow A-7E Corsair II aircraft equipped with the modules to carry out training missions.

The computer system is used to convert data into PROM contents and load the PROM programming equipment. After the modules are programmed, the computer does extensive comparisons to assure that the correct data are in the module.

The computer system also is used for other tasks. It was produced four years ago under the Fast Payback program.

Dietrich Trenner, a tactical software engineer in Computer and Software Systems Branch (Code 3511) of the Electronic Warfare Department's Systems

Sciences Division, is the engineer in charge of this program, while John Lorch was responsible for the adapter designs, software/hardware integration, and validation procedure.

Software used in the computer was developed originally by Tom DeMay, an employee in the Research Department's Computer Sciences Division, and the detailed procedures used were developed by Dorothy Vokolek and Sharon Juarez, both of Code 3511. In addition, a number of other NWC employees have contributed to various aspects of the programming operation and production of the "Memory Modules."

NWC Black Interest Group seeks additional members

Applications are being sought from those who are interested in serving as members of the Black Interest Group (BIG) on the Center.

The goal of BIG is to support the Equal Employment Opportunity (EEO) Committee; provide community awareness of job opportunities, recruitment efforts, promotional opportunities, and available training.

Anyone interested in serving must fill out a short application form that can be obtained at the EEO office, Rm. 205, Personnel Building.

Endangered species protected . . .

(Continued from Page 1) species can be found are also drafted. These maps are then used by personnel of the Environmental Branch to assist Center engineers and scientists in selecting appropriate test sites to meet testing requirements without unduly disturbing the environment.

Often, Ms. Kohfield notes, it's possible to run tests in areas that have already been disturbed in the past.

Completed surveys indicate that of the 15 rare or endangered species of mammals in California, only the Mojave ground squirrel can be found on NWC lands, where it is actually fairly common.

Five rare or endangered species of birds call the Center their home. These include the peregrine falcon, the bald eagle, the Inyo brown towhee, the brown pelican (spotted only once on board), and the least Bell's vireo. While no rare reptiles are found here, the biologists believe that the slender salamander, a rare amphibian, might live in some of the damper areas of the ranges.

Of the 15 species of rare or endangered fish in California, one has been transplanted to the base: the Mojave chub. To save remaining members of this endangered species, a group of them were moved to the Lark Seep Lagoon north of the golf course about 12 years ago. The chub, a fish that is about six inches long, took so well

to the area that the population has expanded into all the drainage channels on that part of the range.

Last year a contract was awarded to determine what environmental factors made the transplant so effective. This information will not only assist in the management of on-Center chub, but also will help identify other potential refuge sites off Center. Recovery is the ultimate goal of endangered species management.

Of special interest currently are studies of the giant fairy shrimp to determine how rare that species might be, the Argus land snail, and a variety of beetles. Scientists from the other agencies or universities are conducting the field investigations and will submit reports for Center use at the end of their efforts.

Rare and endangered plants found so far include the Mojave fishhook cactus, as well as some unusual clonal creosote rings that may be from 6,000 to 10,000 years old. Both are being studied further.

A resource management plan has been written and published for the Mojave B ranges (NWC Administrative Publication 283), and another is currently being prepared for the Center's northern ranges as well. These plans detail not only endangered species management but also describe all biotic, cultural, and physical (soil, air and water) resources and their management.



BIG DAY FOR KIDS — Members of the YMCA Indian Guides and Indian Maidens had the opportunity to show off their bike riding skills recently at a bicycle gymkhana held at Schoeffel Field, with the assistance of parents, Ridgecrest police officers (who registered bikes), and personnel from the China Lake Fire Division (who stood by to provide first aid if needed). In the upper picture, young Lynette Escallier gets gentle care for a scrape on Emergency Medical Technicians John Gardner and Roger Tepley. In the bottom picture Jesse Beithness completes one of the six skill tests for these youngsters who ranged from kindergarten through third grade. The gymkhana was sponsored by the Safety Program Office in Code 2405. — Photo by PHAN Rebecca Gill



GED test to be given at Cerro Coso Tues., Wed.

The General Educational Development (GED) test for non high school graduates will be given at Cerro Coso Community College on Tuesday and Wednesday, March 27 and 28, from 1 to 5 p.m. For reservations or additional information, those interested should contact the college counseling center by calling 375-5001, ext. 219.

Class on personnel policies, procedures for supervisors will commence April 13

Enrollment applications are now being taken for a course on personnel policies and procedures for supervisors that will be held on Fridays from April 13 through May 18 at the Training Center.

The course, which is scheduled from 7:45 to 11:30 a.m., is intended to provide those new to the ranks of supervisor with basic information on the NWC personnel system, and will be taught by members of the Personnel Department staff.

The role of the supervisor and the role of the Personnel Department will be covered during the initial class session. Other subjects, and the dates they will be discussed, are:

What to look for in hiring a new employee and how to conduct interviews, on April 20;

equal employment opportunity as part of personnel management, April 27; developing and training employees (writing performance plans, and reviewing and assessing performance), May 4; how to deal with employee performance and behavior problems, May 11; and labor relations, grievances, Workman's Compensation, and the Privacy Act, May 18.

This is a required course for new supervisors, but it also is open to experienced supervisors. In order to receive training credit, enrollees must attend at least five sessions.

Supervisors interested in attending this course must submit a request for on-Center training via department channels in time for it to be received by Code 094 by March 30.

All personnel asked for inputs to NWC Training Plan for FY 85

Since training plays such a vital role in keeping the Center's personnel abreast of the rapid changes in technology and in enhancing interpersonal and managerial skills, each NWC employee is asked every year to provide inputs to the Center's Annual Training Plan.

As Burrell Hays, NWC Technical Director, has noted, "Individuals really do make the difference, and enhancing their skills directly benefits the Navy."

During the first week of April all Center personnel will receive a listing of many courses that could be offered next fiscal year if sufficient interest is shown. Employees will be asked to indicate the courses they will need to take during the next year to enhance their skills, or to obtain new skills. They will also be given an opportunity to indicate new courses, not listed, that they feel should be offered.

At the time of their performance reviews (in April for the personnel in the Demonstration Project, and May for those who are not), employees and their supervisors will discuss their training needs in the light of their career development.

The completed forms will then be turned in to division and department levels and summarized before being returned to Code 094 to use in developing the FY-85 Training Plan.

This year Code 094 has been expanding ADP training in order to meet the 01A6 long-range corporate goal of "a terminal on every desk." As a result, employees will see many, many computer related courses (some generic, some vendor specific) on the Annual Training Plan shopping list for FY-85.

Code 094 has also been developing new courses to help supervisors respond to the fact that there is more diversity in the make-up of the workforce. There are more minorities, women, handicapped, younger and older workers than ever before. Supervisors will need to enhance some skills they already have and will need some new skills in dealing with the changing values of this diverse workforce.

Code 094 has been emphasizing supervisory skills courses in areas of change management, situational leadership, negotiation skills, and strategic planning — to name a few. A comprehensive list of supervisory and management courses is included on the Annual Training Plan input form.

Another major change this year is that

many of the courses listed in the material accompanying the form to be filled out by employees are self-study courses. Some of these are correspondence courses that the employee can complete at home, some are computer-assisted courses taught using Code 094's PLATO System (Computer Assisted Instruction), some are taught on microcomputers such as the Apple, and other are video courses than can be checked out.

The self-study courses make training more timely and more available to everyone, because individuals can use the facilities in the Training Center such as PLATO, the Apple computers and micro computers at their convenience (evenings and weekends) and at their own rate of speed rather than having to wait until a class is offered. The student can also focus just on the most needed material.

During fiscal year 1983 — the last year for which complete information is available — 3,486 persons on board took advantage of training, of which 80 percent took place on-Center. The average employee spent 40.3 hours of government time on training, and an additional 4.5 hours of personal time. Total cost of training (including tuition, student salaries and travel costs) was \$4,965,253, amounting to about 1.3 percent of the Center's annual budget.

IRS permits rounding off cents to nearest dollar

WASHINGTON (NES) ...Taxpayers may round off cents to the nearest dollar when figuring their federal income taxes, the Internal Revenue Service said.

But if a taxpayer rounds off items to the nearest dollar, all amounts must be rounded off. Amounts under 50 cents should be dropped and amounts from 50 cents to 99 cents should be increased to the next highest dollar. For example, \$1.39 becomes \$1 and \$2.69 becomes \$3.

One advantage to rounding off is that taxpayers are likely to make fewer errors in math because they will have fewer figures to deal with and compute.

Police reports . . .

On Thursday, March 15, a green flight jacket was reported missing from the Search and Rescue building. Estimated value of the jacket is \$85.

Registration deadline nears for Congressional Operation Seminar

A Congressional Operation Seminar, open to employees of the Naval Weapons Center, will be held on April 17 and 18 in the Management Center of Michelson Laboratory.

The seminar, which is scheduled from 8 a.m. to 4:30 p.m. on April 17, and from 8 to 11:30 a.m. on April 18, will be conducted by Wayne Schley, Stephen Sanders and Phillip Sprankle.

Schley is the staff director for Sen. Ted Stevens (R-Alaska). The latter is a member of the Subcommittee on Civil Service Post

Office and General Services. He is also the Senate Assistant Majority Leader, a member of the Government Affairs Committee, Chairman of the Subcommittee on Civil Service, a member of the Senate Appropriations Committee, and Chairman of the Subcommittee on Defense Appropriations. The other seminar leaders — Sanders and Sprankle — are head of the NWC Technical Information Department, and head of the Electronic Warfare Department's Systems Sciences Division, respectively.

Sprankle's experience includes selection as a LEGIS Fellow for a six-month period (Dec. 1, 1981, to June 1982) during which he was assigned to the office of Congressman Kenneth Robinson, a member of the Defense Appropriations Subcommittee from Virginia. Later, Sprankle was assigned to work with professional staff of the Defense Subcommittee on Appropriations.

Topics to be covered are what members of Congress do, the legislative process, role of the Congressional staff, the Budget Act and the budget reconciliation process, Civil Service legislation, and the FY 1985 budget.

Employees interested in attending this seminar must submit a training request form via department channels in time for it to reach Code 094 by March 30.

Branch Medical Clinic reserve unit completes 2 wks. ACDUTRA

Two weeks of active duty for training (ACDUTRA) ends today for the personnel of Branch Clinic China Lake Reserve Unit 119.

A new Naval Reserve unit, it was organized on Oct. 1, 1983, and is composed of reservists living and working in Bakersfield, as well as in the China Lake-Ridgecrest area.

This has been the first mobilization drill for Branch Clinic China Lake Reserve Unit 119, whose mission it is to prepare for taking over the Branch Medical Clinic at China Lake in the event of wartime or a national emergency that would require the service elsewhere of active duty Navy medical personnel assigned here.

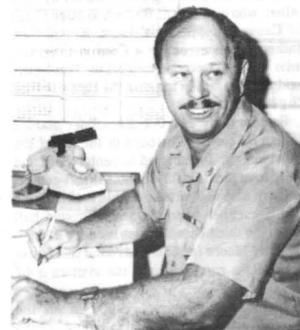
This new Naval Reserve unit is headed by Cdr. Elsa Ang, USNR-R, as officer-in-charge. In civilian life she is a pathologist at the Kern Medical Center in Bakersfield.

The unit's only other commissioned officer at the present time is LCdr. David Massa, USNR-R, a medical doctor in Bakersfield, who joined Cdr. Ang seeing patients at the Branch Medical Clinic during their Naval Reserve two weeks of ACDUTRA.

Other Bakersfield members of Reserve Unit 119 are HMS Jack Cavin, USNR-R, executive officer, who is an insurance agent and real estate investor; and HM2 Michelle Burnham, USNR-R, an X-ray technician employed by a private doctor in Taft.

Local residents who have joined Branch Clinic China Lake Reserve Unit 119 are HM1 Mike Halvorsen, USNR-R, an employee at the Ridgecrest Community Hospital, who is

the unit's master-at-arms and alcohol rehabilitation counselor; HM2 Michael Paterson, USNR-R, a California Highway Patrolman assigned to the Ridgecrest area; HM3 Millard Montgomery, USNR-R, an electronics technician in the NWC



HMC Jack Cavin, USNR-R, Reserve Unit exec officer Engineering Department's Systems Electronics Branch; and HM3 Mark Carrillo, USNR-R, an employee in the Inspection Branch of the Public Works Department's Maintenance Control Division.

While on their two weeks of active duty for training, HM2 Burnham worked in the X-ray lab at the Branch Medical Clinic; HM2 Paterson was assigned to the emergency



CHEST X-RAYS READY FOR REVIEW — HM3 Michelle Burnham, USNR-R, who is employed as an X-ray technician by a private doctor in Taft, fits right into this phase of the service provided by her Naval Reserve unit during two weeks of active duty for training. — Photo by Clare Groun

Approval given for Electronic Assembly Productivity Center . . .

(Continued from Page 1) materials, and processes for the military and military contractors.

The Research Section of the Electronic Assembly Productivity and Manufacturing Research Center will continue to function as the Navy's lead laboratory in the research and development of soldering and electronic component manufacturing. Attention will be focused on materials and processes such as printed circuit boards, fluxes, solders, cleaning and cleanliness testing, conformal coating and solder masks.

The decision to acquire an existing building in Ridgecrest to house the Electronic Assembly Productivity and Manufacturing Research Center is based on the desire to begin operations at the earliest possible time rather than wait for the approval of new construction at NWC, which would delay the inauguration of this program by approximately three years.

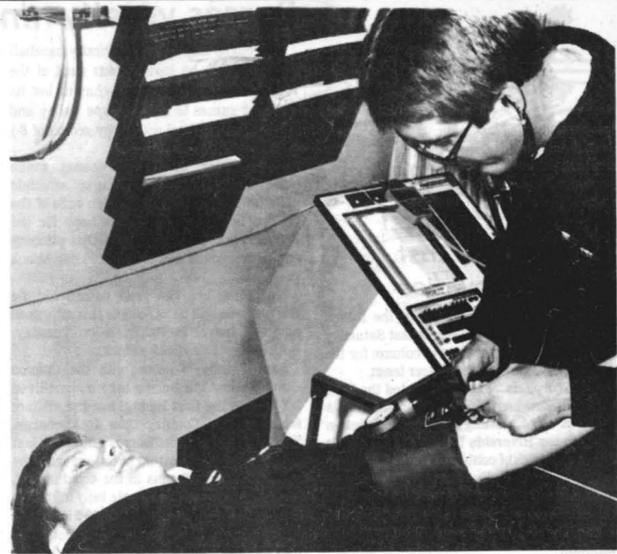
The Productivity Center will not be a facility for prototype development by equipment manufacturers. Instead, selected American-manufactured equipment will be brought here for evaluation. When such equipment arrives at the

Productivity Center, technicians will aid factory representatives in the physical installation and hook-up, as well as the start-up and initial operation of equipment undergoing evaluation.

The main question in evaluating a piece of equipment will be to determine its ability to produce quality hardware (as defined by DoD Standard 2000), whether or not parameters can be set within required tolerances, and if a defect-free assembly can be produced.

Following the in-house evaluation, the equipment will be available for evaluation, demonstration and test by Navy contractors. Those who have production line problems will be able to submit a proposed evaluation plan for their specific need, and the Electronic Industries Association will be asked to assist in the development of a standard agreement between the Navy and the visiting contractor.

To help the Electronic Assembly Productivity and Manufacturing Research Center fulfill its role as an evaluation and demonstration facility, it will be necessary for all Navy program managers and proposed Navy contractors to provide the Productivity Center with an electronic



PHYSICAL EXAM — AD1 Mark Bauer, who has just reported for duty at the Naval Weapons Center, gets a routine physical examination as part of the check-in procedure. The physical exam included a blood pressure check taken by HM2 Michael Paterson, USNR-R. — Photo by Clare Groun

room; and HM3 Carrillo assisted with patient care and physical exams.

HM2 Paterson took advantage of the opportunity presented by this two-week period of active duty for training to share knowledge in cardio-pulmonary resuscitation (CPR) that he has picked up as a California Highway Patrol officer. He conducted a CPR class that resulted in certification in this life-saving procedure for all members of Branch Clinic China Lake Reserve Unit 119.

Helping out as the visiting Naval Reserve unit's administrative officer and yeoman has been YN2 Sam J. Miller, USNR-R, a member of Reserve Mobile Construction Battalion's Detachment 0217 at China Lake. YN2 Miller is employed in the Planning Branch of the Public Works Department's Engineering Division.

Two other members of the Branch Clinic China Lake Reserve Unit 119 who were unable to participate in the group's first period of active duty for training are HM2 Kenneth Ballard, USNR-R, a student enrolled in nursing and biology classes at Cal-State Bakersfield; and HM2 Kelly Clark, USNR-R, who is employed fulltime in the pharmacy at the China Lake Branch Medical Clinic.

Monthly drill sessions for this new Naval Reserve are held at the Naval Reserve Training Center in Bakersfield for those who live and work in that area, and the Seabee Reserve hut on the Naval Weapons

Center for those who live and work here.

Once each quarter, all hands join for a combined weekend drill at the China Lake Branch Medical Clinic.



Cdr. Elsa Ang, USNR-R, Reserve Unit O-in-C

