

Fleet Reserve Ass'n to elect new officers at meeting Mon. night

Election of officers will highlight the next meeting of China Lake Branch 95 of the Fleet Reserve Association (FRA), which is scheduled at 7:30 p.m. Monday at the Enlisted Mess.

The nominees for office are: Randall Braddock, for president; Richard Jacobsen, for vice-president; Frank Williams and Wallace Baker, secretary-treasurer; and Arthur Trent, Joseph Tavare, Victor Bizon, Opel Andres and Richard Weiss, to fill vacancies on the board of directors.

Additional nominations will be accepted from the floor prior to the time that voting takes place at Monday night's FRA meeting.

Membership in the Fleet Reserve Association is open to active duty and retired Navy, Marine Corps and Coast Guard personnel. During their last meeting, FRA Branch 95 members voted to sponsor the Dodgers, an Indian Wells Valley Pony League baseball team.

Concert scheduled Sunday by Desert Community Orchestra

The Desert Community Orchestra, under the direction of Stan Ricker, will present a concert on Sunday, starting at 4 p.m., in the Center Theater.

The featured artist will be Chamomix Shull, 13 year-old daughter of Dr. and Mrs. Vernon Shull, of Ridgecrest. She will be playing Beethoven's Piano Concerto No. 1 in C Major.

The orchestra program also will include the "Coronation March" by Meyerbeer, the overture to "Russian and Ludmilla" by Glinka, Enesco's "Rumanian Rhapsody," and Beethoven's "Egmont Overture."

Tickets for the performance will be on sale at the theater box office on Sunday afternoon. The price of admission is \$4 for adults. Tickets for senior citizens, enlisted military personnel and children are priced at \$2 each.

Metal bending topic at Aircraft Ass'n meeting

Members and guests of Chapter 446 of the Experimental Aircraft Association will hear a talk on the subject of metal bending techniques at their next meeting on Wednesday, April 4, 7:30 p.m.

The meeting will be held at the Kern County Library, 131 E. Las Flores Ave., Ridgecrest. All interested persons are invited to attend.



Weekend Roundup

Tonight all art lovers are invited to attend an art auction of original paintings sponsored by the Women's Auxiliary of the Commissioned Officers' Mess that will take place at the COM starting at 8 o'clock. A donation of \$1 per person is asked of all attendees, and wine and cheese will be served throughout the evening.

The art is being furnished by Royal Art, Ltd. of North Hollywood. It will be on display from 6 to 7:30 p.m. Visa, Mastercard, checks or cash will be accepted in payment for art purchased at the auction.

The China Lake Desert Dancers will host their ninth annual Lech Lamidbar folk dance festival tomorrow afternoon and evening at the Burroughs High School multiuse room. Those who like to dance are invited to participate at either the afternoon or the evening session; spectators are equally welcome at either one.

During the afternoon, a band called "Crosscurrents" will furnish the music for dancing. Fee to dance is \$1 per person, and spectators will be admitted free. Admission for spectators or dancers in the evening is \$5 per person; the evening's events include music by the well-known NAMA Orchestra, and an exhibition of Spanish dance will be presented.

Tonight the Chief Petty Officers' Mess will be serving prime rib of beef from 6 to 9 o'clock for those who would like to dine out.

On Saturday the CPO Mess will be offering a la carte items on the menu at \$1 off the normal price.

From April 1 until May 2 the CPO Mess will be closed for renovation work.

The Enlisted Mess will be serving its small shrimp dinner tonight from 6 to 9 o'clock. Tomorrow evening, the menu special will be a seafood plate served from 6 to 8:30.



IMPORTANT CHECKUP — Drs. Mike Bachman (l.) and Don Reid check Margarita Holjingsworth for temporomandibular joint syndrome. This is only one of the numerous health screenings available free during the Health Fair set for April 7 at Burroughs High School. Valley residents of all ages are invited to receive these free health checkups.

Local dentists to be involved in Health Fair planned April 7

A wide range of health problems from unexplained headaches and back difficulties to ear infections can be caused by a little-known ailment, temporomandibular joint syndrome — and those attending the Health Fair on Saturday, April 7, will be screened for TMJ syndrome by one of the 10 local dentists participating in this event.

The Health Fair will begin at 9 a.m. at the Burroughs High multiuse room and will last until 4 p.m. Those of all ages are welcome to take advantage of the health screenings available including height and weight, anemia, blood pressure, vision, oral cancer, TMJ, podiatry, hearing, and a sophisticated blood chemistry. The only cost will be for the blood chemistry, and that is only \$10 for a test that would be considerably more costly elsewhere.

Dinner-theatre evening set at COM on April 5

Next Thursday, April 5, the Commissioned Officers' Mess will be the setting for another of their entertaining dinner theaters with the production of "I Do, I Do." The musical comedy will be staged by Almark Productions, of Panorama City, at 8 p.m. following dinner, which will be served from 5:30 to 7:30 p.m.

The cost of the dinner and show is \$15 per person. Reservations are necessary and must be arranged before 4 p.m. on Monday April 2, by telephoning the COM at 446-2549.



RELATIVELY PEACEFUL MOMENT — Dr. John Zellmer takes a short break from examining the aa lava behind him while Pu'u o belches cinders, rocks and smoke in the background. (This eruption, he says, was only about 150 meters high rather than the 400 meters that bigger ones were estimated to be.)

NWC scientists monitor volcanic action in Hawaii

By invitation from the U.S. Geological Survey, Drs. Glenn Roquemore and John Zellmer from the Engineering Sciences Division of the Research Department joined the staff of the Hawaii Volcano Observatory in a training mission related to the science and safety of erupting volcanoes.

The NWC scientists arrived as much of the work related to the two-week eruption cycle of Pu'u o on the big island of Hawaii was being completed, so they had the opportunity to get geared up with Nomex flight suits, gas masks, hard hats and maps before the next cycle began.

During the first week, the scientists studied and used various methods to monitor the volcanic activity.

One of the most important techniques used in studying micro-seismicity and the occurrence of harmonic tremor (noise of gas bubbles in the magma). The magma filling the chamber under the observatory is migrating underground — 20 kilometers horizontal to the eruptive vent named Pu'u o (everlasting hill). As the chamber fills, tilt meters show the gradual bulging on the ground surface in the overlying Kilauea shield volcano. The tilt can be as high as three micro radians per day (a radian equals 57 degrees).

Geodetic measurements including level line and electronic distance measurements are also monitored very closely. Gas content measurements and electrical conductivity measurements are some of the more basic research methods being tested, although all of the techniques used are still considered research because prediction of eruptions is not yet well defined.

The day before the eruption, the geologists were flown by helicopter to the rim of the less-than-one year old volcano. Here they joined a USGS geologist and a geochemist who led them down the neck of the volcano to the thrashing lava pool below to monitor the progress of the lava entering the pool, probably the most precise method of predicting the time of eruption. In addition, they sampled the lava for petrographic analysis, and sampled gases up to the time of eruption. They were also able to experience the use of safety equipment such as gas masks needed in the strong sulphur dioxide environment.

On March 2 at about 4:30 p.m. the geologists were notified that the 18th eruption of Pu'u o had begun. The first glimpse of the eruption showed lava foun-

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'King of Kings,' silent movie classic, slated at chapel Tues. night

Cecil B. DeMille's silent movie masterpiece, "King of Kings" will be presented at 7 p.m. Tuesday in the All Faith Chapel as a part of the Easter celebration offered by the NWC Chaplain's Office.

Organ accompaniment for this silent film, which was first released in 1927, will be provided by Rex Koury, one of this country's most popular theatre organ concert artists, who makes his home in the foothills of the Sierra Nevada, near Sacramento, Calif.

The movie presentation is open to the public free of charge, but donations will be accepted to help defray the costs connected with its showing.

A reception is planned in the East Wing of the Chapel following the screening of "King of Kings," and both records and sheet music will be available for purchase at that time.

DeMille's classic film production depicts events of New Testament times including the Last Supper, the Way of the Cross and the Crucifixion. Settings and groups are designed to resemble the religious paintings of the great masters.

In the years since its release, it is estimated that a half billion people have seen "King of Kings." During Lent, there are more than 600 prints available, and the film's subtitles have been translated into 23 languages.

Among the supporting actors in this film is William Boyd, who later gained fame as "Hopalong Cassidy." He is seen in the role of Simon, who tries to shoulder Christ's cross on the way to Calvary, and finds he can hardly lift it.

Museum schedules Red Rock Canyon nature walk

On Saturday, April 7, starting at 2 p.m., Drs. Pat and Bob Brown-Berry will lead a short nature walk for Maturango Museum members at Red Rock Canyon State Park, followed by a campfire program at 7 p.m. on "Bats of the Mojave Desert."

A barbecue and potluck is planned between the nature walk and the campfire program.

Reservations are required since participation is limited to 30 people. Reservations can be made by telephoning the museum at 446-6900.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
Some Material May Be Inappropriate
for Children Under 10
(R) RESTRICTED
Under 17 requires accompanying
Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, MONDAY MARCH 30, APRIL 2
"NIGHTSHIFT"
Starring
Henry Winkler and Michael Keaton
(Comedy, rated R, 106 min.)

SATURDAY MARCH 31
"JAWS"
Roy Scheider and Robert Shaw
(Drama, rated PG, 124 min.)

SUNDAY APRIL 1
"METAL STORM — THE DESTRUCTION OF JARED-SYN"
Starring
Jeffrey Bryon and Mike Preston
(Science Fiction, rated PG, 84 min.)

WEDNESDAY APRIL 4
"STACY'S KNIGHTS"
Starring
Andre Millan and Kevin Costner
(Drama, rated PG, 94 min.)

U.S. Government Printing Office,
1984 - No. 1003

Reservations open for buffet on Easter Sunday

On Sunday, April 22, the Commissioned Officers' Mess will be serving a special Easter buffet dinner from 11 a.m. to 3 p.m.

A choice of three entrees, prime rib of beef, baked ham, or leg of lamb, will be served, along with candied yams, buttered rice, snowflaked potatoes, peas and corn, rolls and biscuits, a salad bar with coldcuts, a special dessert table, and champagne punch.

The cost for this special dinner is \$10.50 for each adult and \$6 for children under 10 years of age.

Reservations are required and tickets must be picked up at the COM no later than April 13. Reservation can be made by calling 446-2549.

Silberberg to be speaker at astronomy gp. meeting

George Silberberg will be the featured speaker at an open meeting of the China Lake Astronomical Society on Monday at 7:30 p.m. at the county library in Ridgecrest, 131 E. Las Flores St. All interested persons are invited to attend.

Silberberg, who is recently retired from the Naval Weapons Center, will talk about the use of solid state image detectors in the extremely low light conditions encountered in astronomy. He also will demonstrate equipment applicable to astronomical observations.



RELATIVELY PEACEFUL MOMENT — Dr. John Zellmer takes a short break from examining the aa lava behind him while Pu'u o belches cinders, rocks and smoke in the background. (This eruption, he says, was only about 150 meters high rather than the 400 meters that bigger ones were estimated to be.)

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4 Centerites receive Tech Director Award for development of electronic bomb fuze

Four employees in the Electromechanical Division of the Fuze and Sensors Department are the recent recipients of the NWC Technical Director Award in recognition of their successful team effort in the development of an electronic bomb fuze that meets both Navy and Air Force requirements.

Singled out for this distinction were Larry F. Brauer, head of the Free-Fall Weapons Fuze Branch (Code 3355), and his fellow team members Bruce Bartels, Ronald J. Cohn, and James Denney (all of Code 3355).

The presentations were made by B. W. Hays before an audience of co-workers of the honorees, as well as Capt. K. A. Dickerson, NWC Commander; Gerry Schiefer, Deputy Technical Director; Richard Higuera, Code 33's Associate Department Head for Technology; and W. C. Smith, head of the Electromechanical Division.

Brauer, Bartels, Cohn and Denney each received an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

"The personnel of the Fuze and Sensors Department have done a number of excellent jobs and are involved in as much hands-on work as any of the technical departments on the Center. This involvement clearly improves the products that are developed, as well as ensuring that Code 33 remains a 'smart buyer' for many Navy fuze projects," Hays said prior to presenting the Technical Director Awards.

Noting that the four recipients of the TD Award contributed heavily to the success of the FMU-139/B Electronic Bomb Fuze Program, the Technical Director commended them for bringing honor to NWC.

"We said we could do a difficult job, and we did it. The result," Hays added, "has been a contribution to the well-being of this nation's defense effort."

According to M. E. Anderson, head of the Fuze and Sensors Department, who nominated Brauer and his three principal co-workers for the Technical Director Award, their involvement began in mid-1981 after the FMU-117 electronic bomb fuze (a project directed by the Naval Surface Weapons Center at White Oak, Md., and



TEAM EFFORT PAYS OFF — The object of their team efforts that earned them the NWC Technical Director's Award is pointed to by Larry F. Brauer (second from right), who led the successful effort to develop an electronic bomb fuze (the FMU-139/B) that meets both Navy and Air Force requirements. In this cutaway model of the Mk 82 500-lb. general purpose bomb, the fuze is located in the tail fuze well. In addition to Brauer, the Tech Director Award recipients are (l.-r.) James Denney, Bruce Bartels and (at right) Ronald J. Cohn. —Photo by Clare Grounds

intended for Navy use only) failed to pass its operational evaluation testing in 1978, eight years after it had been started.

Overlapping this effort was the electronic bomb fuze development program (FMU-112) undertaken by the Air Force. The FMU-112 program began in 1970, and is just now entering initial production. Total development costs were approximately \$20 million.

NWC honored for assistance to developmentally disabled citizens

Recognition of the Naval Weapons Center for its many contributions to developmentally disabled citizens of the Indian Wells Valley highlighted a dinner meeting held last Friday night at the Hideaway restaurant in Ridgecrest during which new officers of the IWW Association for Retarded Citizens were installed.

Capt. K. A. Dickerson, NWC Commander, was present to accept on behalf of the

Center a resolution from the Kern County Board of Supervisors commending NWC for "setting an important example of aiding the handicapped."

Bob Brinton, master of ceremonies for the program that followed the dinner, presented a similar proclamation from the City of Ridgecrest to the NWC Commander, as well as a plaque from the IWW Association for Retarded Citizens.

Capt. Dickerson, who was the guest speaker of the evening, noted that he had not been aware beforehand that "this was to be an NWC appreciation night," as he expressed his gratitude for this recognition of the Center's efforts to ensure equal employment opportunity for handicapped individuals.

He appeared most of all to enjoy the gift of a king-size cookie that had been baked and decorated for him by the clients of Sunshine House, activity center for the handicapped. Presentation of the cookie to the NWC Commander was made by Helen Butts, one of the clients who benefits from the Navy's interest in and support of the IWW ARC's many and varied programs.

"The government, in general, and the Naval Weapons Center specifically, have made a concerted effort to incorporate commitment to equal employment opportunity for the handicapped into day-to-day management activities," Capt. Dickerson stated as he began his talk.

In his review of just what has been done, the NWC Commander reported that the Handicap Program, which was established in 1981 as a collateral duty, part-time



CONCENTRATED STUDY — Two USGS scientists peer down the throat of Pu'u o at the lava thrashing around beneath. (The lava, according to NWC's scientists there, moved just as though it was being agitated by the movement of a washing machine.)

(Continued on Page 3)



Scorpions '68 post win over California Express of Azusa

The Scorpions '68, youth soccer team from Ridgecrest, is off to a good start in the Inland Empire Youth Soccer League (IEYSL) after winning its second straight game in spring season competition.

Hosting the California Express of Azusa squad last Saturday afternoon, the Scorpions came away with a 3-2 win in what was a hard-fought contest.

With 21 minutes left to play in the second half, Bill Ledden hit a penalty kick goal that broke a 2-2 deadlock and resulted in a win for the Scorpions.

This victory for the Ridgecrest team kept the local squad in a tie for first place in the East Division of the IEYSL with the Riverside Devils, who crushed the East Foothill Rowdies of San Bernardino 10-0 on Saturday.

The Scorpions '68, coached by Karl Kauffman, put the first 40 min. of play against the California Express squad to good use by piling up a halftime lead of 2-0.

The first goal came at the 14-min. mark, when Brian Hayes, fullback for the Scorpions, lobbed an air ball that was controlled by Scott Piri. The latter passed the ball through to Billy Hugo, who fired it into the net.

Still in the first half, the Scorpions went up 2-0 on pass from Piri to Ledden, who lobbed the ball over the head of the Express goalie for a score.

The California Express from Azusa came out rolling in the second half and tied the score at 2-2 on two goals in the first 12 minutes of action. One goal was scored following a scramble in front of the Scorpions' net, and the second was tallied on a penalty kick.

Coach Kauffman reports that the Scorpions '68 squad is continuing to play good soccer. "Our midfield has been aggressive and pressing this season, and this has been paying off in ball control on our part, and stealing the ball away from opposing players."

The Scorpions also are being helped by the midfield play of Scott Hannon, Doug Dragovich, Piri, Ledden, and sometimes Hugo, who have learned to hustle back to their positions of defense. The result has been a sizable reduction in the number of shots taken at the goal by opposing teams, Coach Kauffman said.

Lasers get win, tie in Youth Soccer League play

The Lasers opened last Saturday morning's play in the Youth Soccer League's Division IV by shutting out the Bandits 3-0, but then had to settle for a 1-1 tie in their second contest of the morning with the Hotspurs.

In the only other Division IV tilt (for 7th through 9th grade players) the Bandits defeated the Hotspurs by a score of 3-0.

Two goals by Brian Lindsey and one by Bob Nelson accounted for all of the scoring in the Lasers' win over the Bandits. David Higgins, goalie for the Lasers, played a good game and was instrumental in the shut out posted by his team.

Higgins' opposite number — Paul Grenier, goalie — or the Bandits — blocked a penalty kick to prevent another goal by the Lasers.

Going against the Hotspurs, the Lasers broke through for just one goal that was tallied by Jason Bumgardner, but the Hotspurs also countered that with a score of their own as the game ended in a 1-1 deadlock.

The Roughnecks and Diplomats staged a real duel, but the decision went to the Roughnecks by a score of 4-2 in this mid-day game between two opposing teams in

Burros seek first league win against Quartz Hill

Winding up the first of three rounds of Golden League play this season, the Burroughs High School varsity baseball team will host the Quartz Hill Rebels in a game that will get underway this afternoon at 3 o'clock.

The Burros, who are winless in their first four league starts, showed definite signs of improvement Tuesday at Palmdale, where they were edged 3-2 by the Falcons.

Jon Truitt went all the way on the mound for the Ridgecrest team, giving up only three hits, but the nod in this pitcher's duel went to Lorin Jundy, hard-throwing hurler for the Falcons. Jundy not only pitched a good game, but also hit a home run with a teammate on base.

Jon Truitt's circuit clout came in the first inning and drove in Craig Tami, the Falcon's lead-off batter, who drew a walk and was sacrificed to second base before the Palmdale pitcher came to bat.

Truitt got out of trouble by forcing the next two Palmdale batters to ground out, but the Falcons were out in front with a 2-0 lead.

The Burros chipped away at this lead — scoring one run each in the second and third innings to tie the score — only to have the Falcons break through with a single run in the bottom of the sixth that won the game for them.

In the BHS half of the second inning, Jundy had trouble controlling the ball after getting the first Burros' batter on a ground out and the second on a strike out.

At that point, the Palmdale pitcher issued

consecutive walks to Dan Allen, Truitt, and Daniel Means to load the bases. Ray Haleman also drew a walk that forced in Allen with the first run for Burroughs.

The Ridgecrest team tied the score in the third inning, which began with a lead-off single by Tim Lewis, who stole second base and advanced to third on a wild pitch that got past the Palmdale catcher. A sacrifice fly hit to the outfield by Steve Barkley enabled Lewis to score from third — tying the score at 2-2.

Truitt shut out the Falcons during their next three turns at bat, but the Palmdale team tallied the game-winning run in the sixth. The Falcons had runners on first and third with one out when Clint Lorack stabbed a slow roller toward third base.

Barkley, the BHS short stop, moved over to second hoping to initiate a double play that would end the inning, but the throw from third base got by him and Tami, lead-off batter for Palmdale who had singled to get on base, scored from third.

A strikeout and a fly ball ended the Palmdale half of the sixth inning, with no more damage being done, but the Falcons had regained the lead 3-2.

The Burros threatened to score during their last turn at bat when Haleman led off with a double and was sacrificed to third base by Mark Kaupp. BHS coaching strategy then called for a squeeze play with Kevin Blecha at bat.

This move backfired, however, when the Falcons countered with a pitchout and

Haleman, who had started to sprint toward home plate, was tagged out. Blecha then grounded out to end the game.

Jundy, Palmdale's game-winning pitcher, gave up five hits and struck out eight, while Truitt, the BHS hurler, was tagged for just three hits, struck out three and walked three. In addition, the Burros were charged with two fielding errors.

Last Friday at Saugus, the BHS varsity nine came out on the short end of a 9-3 final score.

The Burros showed a sample of their power at the plate by scoring two runs on two singles and two doubles in the first inning at Saugus. After that, however, Mike Bible, ace pitcher for the Centurions, held the BHS team to just one run for five hits.

Haleman, lead-off batter for Burroughs, singled to start the game at Saugus. He was followed to the plate by Daniel Means, who drove a hit-and-run single to the outfield.

Haleman held up at second base, however, and Darrin Clodt, who was put in to run for him, was picked off at second base for first out of the game. Means moved to second base on a ground ball out off the bat of Mark Kaupp before a double by Kevin Blecha drove in Means.

Another double, this time by Tim Lewis, enabled Blecha to score before Bible settled down and retired the side.

The Burros were unable to duplicate their first inning feat and scored just one more run on five scattered hits. The score was tied at 3-3 when Saugus blew the game wide open with a 6-run surge in the last half of the sixth inning.

The ill-fated sixth began with David Hawkins, BHS pitcher, being tagged for a single by the lead-off batter and then issuing a walk to the next batter.

Larry Jeffries, put in to relieve Hawkins on the mound, gave up a bunt single that loaded the bases before Bible took things into his own hands by hitting a homerun that gave Saugus a 7-3 lead.

Before the dust had settled at the end of the sixth inning, the Centurions scored two more runs to win the game, going away, by

(Continued on Page 7)

Thrifty Wash aided by Sport Shack in boosting league lead

A healthy assist by the lowly Sport Shack squad (ranked ninth in the 10-team Premier League) enabled the Thrifty Wash team to pad its lead to 28½ points over the second place Hideaway keglers during Monday night's action at Hall Memorial Lanes.

While the league leaders garnered a 16-9 win over the Modern Trophy team, the Sport Shack bowlers outscored the Hideaway 19-6 in the matchup between the second and ninth place teams.

The Elks Lodge keglers closed in on the second place Hideaway squad by posting both the high team game (1018) and high team series (2847) for the night.

Individual honors were nailed down by Gary Barnes and Ken Dalpiaz, both of whom had a triple 200 series to their credit. Barnes rolled a 665 series that was built on single games scores of 231, 210 and 224. Dalpiaz wasn't far behind with a 649 series that included 335's e game totals of 208, 224 and 217.

Jim Bowen was the only other Premier League bowler to top the 600 series mark as he rolled a 3-game total of 617.

In addition to Barnes and Dalpiaz, others with single game scores of more than 220 were Bowen and Dick Reymore (233), Glen Collins (226), Aaron Kane and Floyd Hoisington (223), Ernie Lanterman (222), and George Barker (221).

Current standings in the Premier League are:

Team	Won	Lost
Thrifty Wash	404.5	270.5
Hideaway	376	299
Elks Lodge	373	302
Buggy Bath	355.5	321.5
Modern Trophy	343.5	321.5
Joseph's Italian Gardens	321.5	353.5
The Place	309.5	365.5
Raytheon Sidewinders	299.5	375.5
Sport Shack	298.5	376.5
Olympia Beer	298.5	379.5

on one of the four goals by Valdivia.

The Tornadoes' scoring parade was led by Mark Frisbee (with 3), and Will Freeman (with 2), while Sean Bennett and Dean Waldron hit 1 goal each. In the scoring assist department, the leaders for the Tornadoes were Jay Frederick, Sean Bennett and Marc Frisbee with 2 each.

The Drillers combined a strong offense and good defense to post a 2-0 win over the Sockers in Division II action between teams of 3rd and 4th graders. Jared Christensen and Brad Bays got in on the scoring with one goal each for the Drillers.

A scoreless deadlock between the Sting and Blizzard ended during the last minute of play in the first half when each team scored a goal. The Sting came back to tally two second-half goals — the first with only 3 min. left to play and the second on a penalty kick — to down the Blizzard 3-1.

All three of the goals for the Sting were hit by Robbie Stark, while it was David Bartels, assisted by Luke Smith, who accounted for the single goal for the Blizzard in the first half.

Scores of other Division II games were Lancers 5, Cosmos 0; Timbers 7, Strikers 0; (Continued on Page 7)



EARTHQUAKES CONTROL BALL — Two midfielders for the Earthquakes — Matt Barney (back to camera) and Ryan Christensen — close in on the ball during this bit of action in last Saturday's Youth Soccer League contest between the Earthquakes and the Aztecs. The Aztecs' player nearest to the ball is Danny Moldenhauer (at right), a half-back, who is in a race for the ball with Dawn Childs, a forward for the Earthquakes (in background). The game between these two Division II teams ended in a scoreless tie.

Division III (for 5th and 6th grade players).

Four players — Jacob Gieger, Joe Kitchens, Matt Duncan, and Paul Hastings — scored one goal each for the Roughnecks, while Jacob Gieger, who held down the goalie position in the second half, helped the Roughnecks clinch a victory by stopping several scoring attempts by the Diplomats.

The two goals for the Diplomats were tallied by Danny Hobson in what was an action-packed game on offense for both teams.

In another hard-fought Division III tilt, the Rogues edged the Sounders, 2-1, on the strength of one goal each by Jacob Jones and Jeff Flower. Lance Kilpatrick was a standout on defense for the winners, while Bobby Eichenberg, assisted by Peter Martinez, chalked up the lone goal tallied by the Sounders.

Results of two other Division III games were lopsided wins by the Whitecaps and Tornadoes, who defeated the Kicks and Surf by scores of 6-0 and 7-0, respectively.

Armando Valdivia dominated the game and scored four goals for the Whitecaps in their victory over the Kicks. In addition, Mike Kinne and Tim Pogge also hit one goal each, and Pogge was credited with an assist

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 faith 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 Dependent — In response to the rumors that have been flying around this base that military dependents are no longer eligible to live on Center while their spouses are assigned to a ship, because of the housing situation — I'd like to know why there is no housing available. Couldn't they at least move us out in town?

We, as military, have to live from paycheck to paycheck, and I think it would be wise if we could stay here. It is military housing, and I think it is only fair that dependents should be able to stay here until military housing opens up, say, in San Diego. I wish you could address this because a lot of rumors are flying around, and a lot of military people are very unhappy about it. Thank you.

ANSWER

The housing picture here on the Center has been changing quite rapidly in the last year. We have gone from a period in which there were excess units to today when we have waiting lists. First, let me explain what the basic rules are, as imposed by a Chief of Naval Operations instruction.

Normally, eligibility for Center housing ceases upon date of detachment and, in addition, you cannot be on a waiting list at some other station while occupying Navy quarters here. When we were in a period of surplus housing, it was possible certain hardship cases, to allow dependents to remain in Center housing while the sponsor was detached, and occasionally, in hardship cases, it has been possible to get a family on a waiting list at another station while in quarters here at the Center.

Permanent Change of Station (PCS) orders move family from one duty station to another. A move to Ridgecrest is possible, but would use up this entitlement and a subsequent move to new duty station would then be at the mover's own expense.

Hardship cases still receive the special attention they deserve, and those people who need help should avail themselves of the system. I believe you will find no other duty station as accommodating with regard to housing as you have found here at NWC.

QUESTION

Civilian Employee — I was wondering who set up the policy on base for the clubs and the theater to require customers to provide their Social Security number when cashing a personal check. There is a sign posted at these places that states that the Social Security number is needed for identification.

The front part of my Social Security cards says, "For Social Security and tax purposes. Not for identification." How does a Social Security number prevent a bad check from being written? Aren't they aware that the Privacy Act prevents the Social Security Administration from releasing information? Also, what's to prevent someone from putting down a false Social Security number on the check?

People are not required to carry their Social Security card. I find it quite odd that this method is being used to prevent bad checks from being cashed. The solution is to require a check guarantee card. That's what they're for. Thank you.

ANSWER

Navy regulations (paragraph 514.3.C of NAVSO P-3520) requires customers to provide their Social Security number when cashing a personal check. As required by the Privacy Act of 1974, any request made to check cashers for disclosure of Social Security numbers or other personal information must be accompanied by a Privacy Act statement posted near the cash register.

A sign has been posted at all check cashing locations stating: "Note to check cashers: disclosure of Social Security number and other personal information is mandatory if you wish to cash a check. All information furnished will be used to identify, to this activity, writers whose checks have been returned unpaid. Request for this information is made pursuant to the authority of Title 5, U.S.C., Section 301 and Title 10, U.S.C., Section 5031."

Deadline near for enrolling in course on 'Managing in 80s'

Managers, supervisors, and decision makers are encouraged to register for a course entitled "Managing in the Eighties" to be taught by McFletcher Associates from 8 a.m. to 4 p.m. daily April 30 through May 2.

Emphasis during this course is placed on understanding the nature of the changing work force, how organizations become the way they are, and how managers at all levels can help their organizations adapt to a changing world.

The program is designed for those currently in management or supervisory positions such as department heads, division and branch heads who have had at least two years of experience in these positions, as well as project managers and administrative supervisors of support functions.

Since advance reading preparation is required for the course, the deadline for registration is Monday, April 2, to ensure that all those signed up will receive their pre-session materials.

An NWC training request authorization form must be submitted through departmental channels so that it will reach Code 094 before the deadline.



PRACTICAL COURSE — Trisha Brinkman, of Anderson-Davis Associates, describes how she would fight off an attack by Stephen Anderson-Davis. Ms. Brinkman and Anderson-Davis presented a three hour lecture-demonstration of personal safety and self defense as the final event of Women's History Week.



FASCINATING DISCUSSION — Capt. K. A. Dickerson, NWC Commander, and Mary Kilpatrick, Federal Women's Program Manager, chat with Stephen Anderson-Davis prior to the Women's History Week luncheon held March 22. Anderson-Davis not only was the guest speaker for the luncheon, but also presented two workshops that day.

Women's History Week speaker outlines elements of success

While there is no one definition of success, Stephen Anderson-Davis of Anderson-Davis Associates told the audience at the March 22 luncheon held during Women's History Week, some elements in any definition are the same.

For instance, no individual can live up to the expectations of others but must be able to meet personal expectations. "How I see myself is how I am," he said.

Being a success is not magical but follows a definite A, B, C pattern. A stands for ability, he noted, adding, "Would you be willing to sign your name to the work that you do? Are you proud of your work?"

B stands for breaks, but getting breaks often means just being willing to deal with a situation as it is. Anderson-Davis quoted a friend as saying "The more I practice, the luckier I get." And C stands for courage and the willingness to fail if necessary, he noted.

Success strategies have both negative and positive elements, according to Anderson-Davis. For instance, to be avoided are procrastination, gossip, complaints ("go to your supervisor with solutions, not problems"), indecision, indifference, pessimism, and worry. Positive elements in success include being willing to share information and knowledge with others, knowing the organization and one's place in it, and what a supervisor really expects, as well as knowing one's own personal goals

and having a career development plan.

Before Anderson-Davis spoke, Capt. K. A. Dickerson, NWC Commander, welcomed those attending the luncheon held at the Commissioned Officers' Mess.

About 24 percent of the Center's work force now consists of women, the Skipper said, and changes are occurring making the full utilization of the talents of these women more possible. What was most encouraging to him, he noted, is that he is finding an increasing number of young professional scientists and engineers among the women working on board.

"It does my heart good," said Capt. Dickerson, "to be with people who know where they are going and what they are doing."

Lee Ann Riddoch, who served as mistress of ceremonies for the luncheon, introduced all the members of the Federal Women's Program Committee as well as the heads of the Center's three directorates, who were at the head table.

Attack Squadron 37 here for tactical weapons training

Personnel and aircraft of Attack Squadron 37 (the Raging Bulls) began arriving yesterday at the Naval Weapons Center and will remain here until April 13 for tactical weapons deployment training.

VA-37 is led by Cdr. R. L. "Ramjet" Ramsey, the squadron's Commanding Officer, who is no stranger to China Lake, having been attached to Air Test and Development Squadron 5 (VX-5) from 1974 to 1976.

The detachment from VA-37 consists of seven A-7 Corsair II aircraft, 16 officers and 85 enlisted personnel, who are flying in from the Naval Air Station at Cecil Field, Florida.

The deployment to China Lake is designed to train pilots in all areas of their warfare specialty in an environment not available to them at their home base.

The Coso range will be used extensively, as will Airport Lake, where VA-37's Corsairs will be firing live Shrike missiles against targets simulating war-at-sea situations.

In addition, squadron/airwing tactics will be used during Walleye missile deliveries at "Charlie" range, and the Air Combat Maneuvering Range at Yuma, Ariz., has been scheduled for two days of Shrike training by the pilots of VA-37.

While at NWC, the officers and enlisted men of VA-37 also will be involved in extensive ground training that will take advantage of the tactical weapons research and development expertise that military personnel of both NWC and VX-5, as well as the civilian scientist and engineers of NWC, can provide.



RETIREES AFTER 30 YEARS — Lt. Roy Adams (at left), director of the Commissary Store Group in San Diego, congratulates Senior Chief Paul T. Crosswaite after presenting him a plaque and letter of appreciation at the time of his retirement following 30 years of active duty in the Navy. SHCS Crosswaite, who served for the past two years as Officer-in-Charge of the Commissary Store in China Lake, was transferred here in 1981 from an assignment as Assistant O-in-C at the Puget Sound Commissary Store in Bremerton, Wash. SHCS Crosswaite, who hails from Louisville, Ky., plans to remain in the local area and has purchased a home in Ridgecrest. — Photo by Clare Grounds

Technical Director Awards . . .

(Continued from Page 1)

The effort at NWC began with the preparation by Brauer of a joint Navy/Air Force Development Specification that was approved by both services in mid-June 1981.

In addition, an engineering development contract was negotiated with Motorola, following a competition that involved six fuze contractors. This required significant effort on the part of both Brauer and Cohn.

The steps that followed in the development of the FMU-139/electronic bomb fuze included arriving at an agreed-to design that appeared capable of meeting the development specification, and technically monitoring the engineering development effort by the contractor (Motorola). This phase of the work also consisted of preparing a technical data package and the fabrication of 80 engineering models — activities that involved Bartels and Denny, supported by other NWC personnel.

Brauer and his main co-workers at NWC prepared and assisted in the implementation of tests at the contractor's facility, as well as here at China Lake where tests (which included flight tests) were completed in February 1983.

There were more than 198 flight tests that were conducted here, at the contractor's plant, and also at Eglin Air Force Base, and 160 units were subjected to various environmental tests. Problems that were encountered were quickly analyzed, design modifications established, and the hardware was modified to validate the design.

Along the way, the four-man team from Code 3355 involved in the FMU-139/B Electronic Bomb Fuze Program called upon experts at NWC in the fields of product assurance, safety, reliability, and documentation, and coordinated all of this input to help upgrade the technical data package for fabrication of technical evaluation hardware (380 fuzes).

Following the technical evaluation phase, hardware was provided to Air Test and Evaluation Squadron Five (VX-5), for a "mini-operational evaluation" — a program that was completed with very good fuze performance and has cleared the way for

Volcanic activity monitored . . .

(Continued from Page 1)

tains up to 1,500 feet high, so a decision was made to hike into Camp 6, the base camp located only 700 meters from the vent, rather than to fly there by helicopter because the camp was not safe for helicopter landings due to the high lava fountains.

Since the only available route to the camp was through jungle and across a lava flow, the night was spent on a nearby crater. The night sky was orange, and sounds like a combination of jet engines and crashing surf rent the night air.

With Camp 6 in sight, the geologists noted a lava flow approaching the camp. They arrived at the camp amidst a rain of both water and cinder, and found two French scientists and a student inside a metal storage shed. These people had been in camp throughout the night and had witnessed the door being blown off by localized tornadoes, as well as dents and burned paint caused by heavy cinder fall.

The NWC geologists replenished their supplies and then went to work observing the collection of cinders using large tarps. Cinders collected were dated as soon as they fell so that they can be studied later.

Annual spring cleanup, work party planned on Sunday at Laurel Mt. by TV Booster, Inc.

The annual spring cleanup and work party at the TV Booster's Laurel Mountain facility will be held (weather permitting) this Sunday.

Cleanup work will not be the main emphasis of Sunday's volunteer effort, since an accumulation of out-of-use equipment that previously cluttered up the site has been removed.

Instead the effort on Sunday will be concentrated on making improvements to the TV Booster's FM translators, inventorying equipment and making certain of its location in order to simplify future repairs, and preventative maintenance.

Sunday's activities will provide an opportunity for members of the IWV TV Booster, Inc., to see how the money they have donated has been used and, by volunteering their assistance, to help make the donations go even farther than might otherwise be possible.

Individuals with all levels of work skill are needed. Those who wish to help out are asked to make this interest known by calling Ed Middlemiss, after working hours, at 377-5192.

China Lake Police reports . . .

At 7:55 a.m. last Friday, China Lake police officers picked up three 14-year-old boys at Murray Junior High School who had marijuana and paraphernalia for smoking marijuana in their possession. They were interviewed and later released to their parents. The juvenile officer will follow up.

TRESPASSERS EVICTED

At 2:30 p.m. on Saturday, officers responded to the Sand Canyon area of the Mojave B-Randsburg Wash test range and removed four individuals who were mining the area for minerals. The case is still under investigation.

PROWLER REPORTED

A prowler was reported on Burroughs Avenue at 7:51 p.m. last Saturday. The reporting parties were able to give a partial description of the white male juvenile who was seen in their neighborhood.

FIRE SET BY YOUTHS

Three youths ranging from 6 to 9 years in age were picked up on the afternoon of Wednesday, March 21, for their alleged involvement in an arson incident.

An estimated \$2,000 damage was caused at the Richmond Elementary School as the result of a grass and small brush fire that was set using matches and a cigarette lighter.



DISTINGUISHED VISITOR — A visit to the Naval Weapons Center by Dr. E. Ann Berman, Deputy Assistant Secretary of the Navy (Research and Advanced Technology), included a stop at the Sidewinder Missile Fuze Lab in Michelson Laboratory. In addition to viewing a display covering the 30-year development of the Sidewinder fuze (from the 1-A to the 9-M model of this well-known missile), Dr. Berman listens as Matt Anderson, head of the NWC Fuze and Sensors Department, describes the operation of the DSU-15 A/B proximity fuze. Her day-long stay at China Lake also included a demonstration on the Advanced Common Intercept Missile, and briefings on such varied subjects as RF missile guidance technology, missile propulsion research, characterizations of optical surfaces, computer modernization, and visibility/environmental issues.

Help to handicapped lauded . . .

(Continued from Page 1)

position, has been changed to a full-time position staffed by a senior equal employment specialist who works in the EEO Office within the Center's Personnel Department in order to better integrate the concerns of affirmative action and equal employment in overall personnel management.

The Center has provided funds for the purchase of numerous assistive devices, including (in the past year) telecommunication devices for the deaf, a talking calculator, a raised-line drawing kit, and a braille IBM electric typewriter. In addition, the services of a reader for the blind and an interpreter for deaf employees have also been provided, Capt. Dickerson said.

The Handicap Program is one way in which NWC demonstrates support for the general disabled population, the NWC Commander continued. The Center has a Handicap Affirmative Action Plan and there is a Handicap Program Committee that has been and will be even more involved in outreach and training activities, the Skipper said.

"This is not the limit of our support, for the Center also has done some very direct contracting through provisions of the Javits-Wagner-O'Day Act. The Center is often recognized for innovation in technical areas, and I am proud that we also are recognized for the magnitude and types of work being accomplished by our retarded citizens," Capt. Dickerson said.

Kindergarten pupil registration continues at school dist. office

Registration for kindergarten children who will be eligible to enter public schools next fall will continue to be held during morning hours on week days through next Thursday, April 5.

The sign-ups are being handled by appointments that can be made by calling the Sierra Sands Unified School District office, phone 375-4966.

To be eligible for kindergarten, youngsters must be five years of age on or before Dec. 1, 1984. Proof of age must be presented at the time of registration. This verification can take the form of a birth certificate, a duly attested baptismal certificate, a passport, or an affidavit legally executed by the parent, guardian or custodian of the child.

The State of California requires that children entering kindergarten have a series of immunizations. The list includes inoculations to protect against polio, diphtheria, whooping cough, tetanus, measles, rubella, and mumps.

In addition, all youngsters must have a physical examination within 18 months prior to entering the first grade, and are expected to have this exam completed before entering kindergarten.

Civil Service Reform Act sets rules governing employee unions

The Employee Management Relations Division (Code 091) of the Personnel Department plays a prime role in dealings between the Naval Weapons Center and the three unions representing personnel working on board. All three unions are affiliated with larger union organizations.

The Center's largest union, the Indian Wells Valley Metal Trades Council (MTC), headed by Richard Keith, represents all non-supervisory trades (wage grade) employees.

The International Association of Fire Fighters (IAFF), Local No. F-32, headed by Mike Tosti, represents all non-supervisory fire fighting personnel at the Naval Weapons Center.

The American Federation of Government Employees (AFGE), Local 3854, headed by Ron Porter, represents all non-supervisory Police Division personnel in the Center's Safety and Security Department.

These unions have been in existence at the Naval Weapons Center for a long time. Both the MTC and IAFF unions formed in 1963 while the AFGE union was started in 1962.

The rules which govern labor-management relations were overhauled in 1978 when President Carter signed the Civil Service Reform Act. This law defines the issues that unions may pursue in the government sector. Certain subjects may not be negotiated by management. These include the determination of the mission and budget (including salaries), organization, and number and types of employees, as well as the right to take personnel actions and assignment of work.

What is negotiable are the procedures for implementing the above actions as well as the impact of the decisions in the above areas if the decision affects employees that are covered by a labor agreement. For example, the decision as to who is selected from a merit promotion announcement is a protected management right. However, the process used to decide who is "best qualified" is negotiable.

Local union contracts contain negotiated procedures for hours of work, sick and annual leave, environmental pay, overtime, merit promotion, grievances, discipline, etc.

Employees in federal bargaining units cannot engage in a strike, work stoppage or slowdown and cannot picket an activity if the picketing disrupts the operation or functioning of an activity. However, they may seek to settle a dispute through the grievance procedure, which may ultimately lead to binding arbitration, or an unfair labor practice charge with the Department of Labor.

The Naval Weapons Center and the unions negotiate labor contracts which define the specific ways that the union and management interact with each other. These agreements commonly last for two or three years and then are renegotiated.

Locally, contract negotiations have taken from just a couple of days to more than a year to produce an agreement mutually satisfactory to the union and the Center. (While bargaining is underway, the essence of the old bargaining agreement is maintained until the new one is achieved.)

"Historically, we've had a very good relationship with the unions," says Bruce MacIntosh, who heads the Employee Management Relations Division. "We try to use a problem solving approach, and believe the work area problems are best solved by line management at the first level of supervision if possible."

MacIntosh describes the relationship between Center Command and the unions as a case of everyone working together to ensure that the interests of both the Center and its bargaining unit employees are considered, and the needs of both met.

Equipment demonstration

Demonstrations of Xerox electronic typewriters, the No. 860 Information Processing System, and a personal computer (the 16/8) will be presented on Wednesday, April 4, from 8:30 a.m. to 4 p.m. at the Commissioned Officers' Mess.

Randy Atherton and Lynn Lund, marketing representatives for the Xerox Corp., will be here to demonstrate how the equipment is used, and its special features.

Quality Circles Night planned on April 12 by Supply Department

The Supply Department invites anyone interested in learning more about the Quality Circles concept, how Quality Circles function in various organizations, or how they might work for their organization, to the second annual Quality Circle Night dinner on Thursday, April 12, at the Hideaway restaurant in Ridgecrest.

The evening will begin with a social hour at 6:30, followed by a roast beef buffet dinner at 7:30 o'clock. Following dinner there will be a program with guest speakers and entertainment provided by the Supply Department Quality Circle groups. The price of \$8.50 per person includes tax and tip.

Sherry Gilbert from the Continental Telephone Co. in Bakersfield and John Reynolds from the Kerr-McGee Chemical Corp. in Trona will speak about how Quality Circles have improved their organizations and what has been accomplished since the inception of Quality Circles.

Arrangements for the evening's festivities are being made by Helen Cropper, Supply Department facilitator for the participative problem-solving groups. Anyone seeking further information or wishing to make reservations should contact Ms. Cropper by calling NWC ext. 2171 before April 5. Seating is limited, so reservations should be made promptly.



PLANNING — Helen Cropper, Supply Department Quality Circles Facilitator, and John Woolridge, Deputy Director of Supply, finalize plans for the second annual Quality Circle Night to be held at the Hideaway restaurant in Ridgecrest on Thursday, April 12.

