



Photos by PHAN

Greg Hogan

SUMMERTIME FUN — The annual picnic held by the Fuze and Sensors Department attracted a crowd of some 70 persons to McBride Park on a recent Saturday to enjoy the fun and games, as well as a polluck spread of food and refreshments.

adults and children. Shown rounding the barrel and heading for the finish line in one flight of the three-legged race competition are Mick and Joanna Rindt, whose speedy time earned them second place.

PWOC-sponsored annual ice Cream social planned July 18

The annual ice cream social sponsored by the Protestant Women of the Chapel (PWOC), which is one of the annual summertime family events on Center, will be held on Tuesday, July 19, from 6 to 8:30 p.m. on the lawn at the All Faith Chapel.

There will be ample servings of ice cream, along with choices of either homemade cake or pie. Coffee, tea, or punch also will be included for donations of \$2 for

Star gazers to see NASA film on new technology Monday

An 18-minute, NASA-produced, color film, "Research for Tomorrow," will highlight Monday evening's meeting of the China Lake Astronomical Society. The meeting, which is open to all interested persons, will be held at 7:30 p.m. at the Ridgecrest branch of the Kern County Library, 131 E. Las Flores St. in Ridgecrest.

The film examines the ways in which the NASA Ames Research Center is involved in developing technology for a better tomorrow. The Ames laboratories controlled the Pioneer spacecraft that visited the planets Venus, Jupiter, and Saturn, and Pioneer 10, which has now left the solar system.

Anyone seeking more information about the program or about the China Lake Astronomical Society is invited to call Bob Tuck at 375-5001, ext. 229, during the working day, or at 377-5396 in the evening.

adults and \$1 for children 11 years of age and under.

Tickets for the ice cream social can be obtained, starting after services at the chapel on Sunday, on weekdays at the All Faith Chapel office, and also on the evening of this event.

At these same times, tickets also will be available for other activities that are planned during the ice cream social. They are priced at five for \$1 if purchased in advance, and 25 cents apiece if purchased at the ice cream social.

Entertainment for the expected crowd of nearly 1,000 at the ice cream social will be provided by a Dixieland band, and members of the Community Light Opera and Theater Association, who will give previews of the summer production, "Oklahoma."

In addition, there will be tattoo artists who will paint a design (with water-base paints) on the arm or leg of those patronizing their booth, and the Pick-a-Pocket Lady will be circulating through the crowd.

She will be wearing an apron that has large pockets filled with surprise gifts for young children. Holders of activity tickets will be able to reach into an apron pocket and pluck out a prize.

Cookbooks published by the PWOC will be on sale the evening of the ice cream social at a cost of \$6 each.

Proceeds from this fun-filled evening, which is being coordinated by Cheryl Haun, will be used for various missionary projects supported by the PWOC.

Week-long Vacation Bible School slated at All Faith Chapel

An ecumenical Vacation Bible School, sponsored by the All Faith Chapel, will be held from July 11 through 15 for young people from pre-kindergartners through high school age.

"Jesus, Lord of Promises" is the theme of this year's Vacation Bible School, which is open free of charge to all interested persons who fall into the age groups this instruction is intended for.

Classes for pre-kindergartners through those in the sixth grade are scheduled Monday through Friday from 8:30 to 11:15 a.m. at the All Faith Chapel, while junior high school students will meet from 7 to 9 p.m. in the East Wing of the Chapel.

Chapel Annex 95 will be the setting for a Vacation Bible School class for senior high school students, who also will meet from 7 to 9 p.m.

Registration for next week's Vacation Bible School will be taken following regular services on Sunday at the All Faith Chapel.

Additional information can be obtained by calling Agnes Winter at NWC ext. 2773, or Eleanor Hartwig at NWC ext. 2873.

Enlisted Mess books rock music band for dance tonight

Talisman, a band that specializes in stylized rock, will entertain tonight at the Enlisted Mess. The six-member band from Los Angeles will be on stage from 9 p.m. to 1:30 a.m.

In addition to the band, Glenn Polk will be playing records from his collection of disco music in the Flight Deck from 9:30 p.m. to 1:30 a.m.

Dinner will be served from 6 to 9 tonight and tomorrow evening. Large shrimp is the special on the menu this evening, and surf and turf is listed as the dinner special on Saturday night.

Next Wednesday, July 13, the Flight Deck will open for dancing while Glenn Polk plays assorted disco tunes from 9:30 to 11:30 p.m.

BOSS sponsors bus trip to Las Vegas on weekend of July 29

Only a few days are left to sign up for a trip to Las Vegas, sponsored by members of the Black Original Social Society (BOSS), that will be held from 6 p.m. Friday, July 29, through Sunday, July 31.

The fee of \$75 per person covers bus transportation to Las Vegas, hotel accommodations at the Flamingo (double occupancy) for two nights, and two free meals.

The total fee must be paid to Catherine Rogers by Friday, July 15. Anyone seeking further information can contact Ms. Rogers by calling 375-4554 after 6 p.m., or can write BOSS, P. O. Box 1840, Ridgecrest, CA 93555.

NEX Optical Shop Hours

The Optical Shop in the Navy Exchange main store will be open from 10 a.m. until 1 p.m. from Friday, July 8, until Monday, July 18. It will be closed all day on Thursday, July 14. Regular hours will resume on Tuesday, July 19.

AFGE to meet Monday

The American Federation of Government Employees, Local 1781, will hold its next regular monthly meeting on Monday, starting at 7 p.m., at 520 East Inyokern Rd.

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Tenants' meeting canceled

The July meeting of the tenants' Community Council has been canceled.

The next meeting of residents in Center housing will be held on Monday, Aug. 8, at 7 p.m. in the East Wing of the All Faith Chapel.



NAVAL WEAPONS CENTER CHINA LAKE CALIFORNIA

Meritorious Service Medal, Michelson Laboratories Award presented during farewell for Capt. Horacek

The presentation of two major awards — the Navy's Meritorious Service Medal and the Center's Michelson Laboratories Award — highlighted retirement ceremonies and a retirement party held last week for Capt. J. L. Horacek, who had served as the Center's Public Works Officer since 1981.

Col. John Tyler, USMC, who represented Center Commander Capt. K. A. Dickerson at the ceremony held on June 30, said that Capt. Horacek was "one of the finest officers I have ever known."

He quoted Bob Hillyer, Director of Navy Laboratories and former NWC Technical Director, in saying that Capt. Horacek was the finest Public Works Officer the Center has ever known, although the previous five Public Works Officers have all been outstanding.

Col. Tyler then read the citation for the Meritorious Service Medal that was signed by Secretary of the Navy John Lehman for the President before pinning the medal on Capt. Horacek.

The citation reads, in part, "By his superior leadership, management ability and professional knowledge, he made significant and lasting contributions to the Naval Weapons Center by accomplishing major laboratory facility improvement; developing creative and far-reaching master plans for communications requirements, and energy and soil conservation; renovating major segments of military and civilian housing; and consolidating base support services."

The citation also noted that "Through his foresight and courage, the first successful DoD geothermal exploration and energy producing program will, within 1984, begin to provide annual savings in energy costs up

to \$1 million."

Col. Tyler then read a letter written by Read Admiral William Zobel, Chief of Civil Engineers, that praised Capt. Horacek's management acumen and dynamic leadership.

RADM. Zobel also sent a letter to Judy Horacek, calling her "a wonderful complement to Jerry and part of a fine team," as well as sending a certificate of appreciation for the fine role she played as a Navy wife during Capt. Horacek's military service.

In a moving response to the ceremony, Capt. Horacek noted his appreciation to his parents for the direction and moral code they had given him, and his gratitude for wonderful children and a lovely wife.

He said that in his 28-year association with the Navy that he has never had a prior assignment where he was so much in awe of the people assigned there as he had been at China Lake, and that he would always be proud to say that "I'm from China Lake, the greatest base in the world."

He had expressed some of the same

feelings in his talk at the conclusion of the retirement party held for him and his wife the preceding evening, when he said that he had never felt so close to so many people.

Capt. Horacek also told the many people who had gathered from throughout the community to wish him "aloha" that "You worry about each other — and that's a rarity in this day."

Earlier in the evening, G. R. Schiefer, Deputy Technical Director, presented him with the Michelson Laboratories Award, which is the Center's second highest award.

The nomination for this award, written by James R. Bowen, Deputy Support Director, said, in part, that due to Capt. Horacek's wide-ranging, enlightened and adroit leadership, "Naval Weapons Center programs under his control — encroachment management, cultural resource management, geothermal resource development, and preservation of air visibility — have become models for other government agencies."

Schiefer said that on behalf of Capt. Lahr, Burrell Hays, and Capt. Dickerson, it was with great pride, appreciation and fond feeling that he was presenting the well-deserved award to Capt. Horacek.

Capt. Horacek, his wife and their two children, Jeri Lynn and Jimmy, will make their retirement home in San Diego.

Cdr. D. A. Rein, Assistant Public Works Officer, will head the Public Works Department until the arrival of the new Public Works Officer, Capt. H. H. Harrell, on Aug. 15.



PROUD MOMENT — Col. John Tyler, USMC, pins the Meritorious Service Medal on Capt. J. L. Horacek, during the retirement ceremonies for the Center's Public Works Officer. — Photo by PHAN Rebecca Gill

Weather in June cooler than normal; wet winter forecast

Local residents ought to be sure that their umbrellas and raincoats are in good shape, says John Gibson, weather forecaster for the Naval Oceanography Command Detachment at China Lake. This year so far has shown the same spring and summer weather pattern that prevailed last year, and that pattern is apt to continue into fall and winter.

June was again cooler than normal. On only three days last month did the high temperature top 100 degrees; usually 10 days of June have highs topping the 100-degree mark.

July and August will probably also be cooler and wetter than normal, but Gibson says he does not expect quite as many thunderstorms as last year.

The jet stream is still further south than normal, and, with the summer solstice having already occurred, the Pacific high won't have the chance to build and keep troughs from moving through.

When asked if this means another winter as wet as the last one, Gibson opines that there'll be nearly as much precipitation. Ski resort owners will be happy to get that news; even last year all the snow at some of the higher elevations didn't melt, and the leftover snow from this past winter will undoubtedly not have a chance to melt before this winter's snowfall begins — if Gibson's prediction holds.

Tioga Pass, leading from Lee Vining to the eastern side of Yosemite National Park, finally opened last weekend, the latest date in history. Usually the snow is cleared sufficiently from that road for the pass to be opened by the end of May.

Work on Standard Missile basis for TD Award

The NWC Technical Director's Award, in recognition of significant contributions to the Standard Missile was presented recently to H. J. Kirschsieper, Jr., head of the Fuze and Sensors Department's Long Range Missile Fuze Branch.

The award presentation by B. W. Hays, NWC Technical Director, took place during a Commander's meeting that was attended by department heads and other senior officials of the Center.

The fuze area has been a most successful part of that successful missile program, Hays said in reference to the Standard Missile II Block 2 weapon, which is undergoing technical and operational evaluation by the Navy.

This latest version of the Standard Missile performed flawlessly in recent tests, Hays said as he called Kirschsieper forward to receive an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

The Technical Director Award recipient's duties as branch head include responsibility for research, development, production monitoring and flight test support tasks on various versions of the Mk 45 Mod 5 Target Detecting Device (TDD) that is employed on both the Standard Missile I and Standard Missile II conventional tactical weapons.

Standard is a surface ship-launched missile employed for area defense against aircraft and missiles.

Kirschsieper was nominated for the

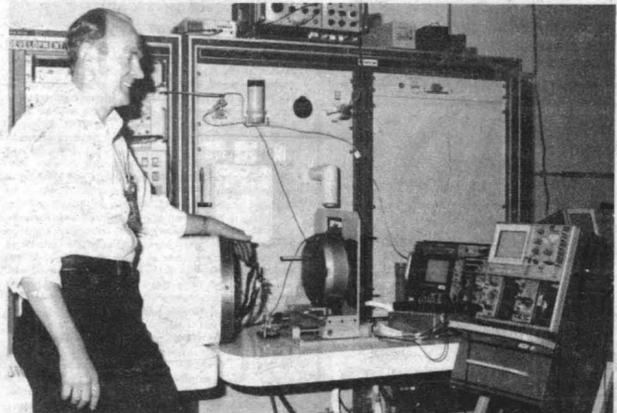
Technical Director Award by M. E. Anderson, head of the Fuze and Sensors Department, based on Kirschsieper's leadership of a team of engineers and technicians (supported by Motorola, the TDD contractor) who were involved in a diagnostic and design change program that had to be accomplished within a very short

time frame.

The need for a design change in the Mk 45 TDD on the Standard Missile II weapon became apparent during flight tests at sea last August and September, when the TDD failed to detect drone targets.

Analysis of these tests and laboratory

(Continued on Page 3)



BIG HELP IN TEST WORK — H. J. Kirschsieper looks over the Mark 45 Engineering Development Test Set that is used for a laboratory check of modifications to the Mk 45 Mod 5 Target Detecting Device for the Standard Missile 2 weapon. Kirschsieper's outstanding efforts in the area of guided missile fuze system development earned him the NWC Technical Director's Award. — Photo by PH1 Benita Tetreault



MARINE CORPS OFFICER RETIRES — A packet containing retirement orders and a certificate of retirement is presented by Col. John Tyler, Marine Corps Liaison Officer at NWC, to Lt. Col. Scott Smith, who retired on June 30. Lt. Col. Smith served here for nearly three years, and was the Code 03A3 Helicopter Systems Officer at the time of his retirement. Prior to being transferred here in August 1980, Lt. Col. Smith was the Commanding Officer of Marine Medium Helicopter Squadron 263 at the Marine Corps Air Station, New River, N.C. His retirement brought an end to 23 years of active duty as an officer in the Marine Corps. — Photo by PHAN Rebecca Gill

Speaker to discuss Navy's roles in space at banquet on July 21

The annual Space Week banquet of the High Desert Engineering Association (HDEA) to be held on Thursday, July 21, at the Enlisted Mess will feature a talk by Capt. Lorin W. Brown, Commanding Officer of the Navy Space Systems Activity in Los Angeles.

NWC ext. 2009; Mort Kuratori, NWC ext. 3395; Tony Miller, 446-2589; Dennis Sorges, NWC ext. 6401; George Stiehl, NWC ext. 2274; and Bob Williams, NWC ext. 6488.

Capt. Brown holds both a bachelor's degree and a doctorate in physics from the University of Utah. His active duty career includes flying 131 combat missions with Attack Squadron 94 on the USS Ranger and the USS Enterprise, and he holds the Distinguished Flying Cross and 14 Air Medals for his combat operations.

The evening will begin with a social hour at 6 o'clock to be followed by a buffet dinner at 7, and Capt. Brown's talk at about 8 p.m. Cost of the evening is \$9 per person; tickets can be purchased from HDEA representatives and must be obtained in advance.

Representatives from the engineering societies that comprise HDEA, and the phone numbers at which they can be contacted, are: Bruce Bartels, NWC ext. 7493; Steve Carter, NWC ext. 2627; Mel Creuser,

Defense Property Disposal Office slates surplus property auction

Another public auction of surplus government property will be held on Friday, July 22, starting at 9 a.m. at the Defense Property Disposal Office.

Defense Property Disposal Office on weekdays from 8 a.m. to 3 p.m., beginning on Thursday, July 14.

Two unused Evinrude 25hp outboard boat motors will be among the more than 240 items that will be auctioned off.

Registration will begin at 8 a.m. on the day of the sale. Bidders must be present and registered in order to bid. No bids submitted by mail will be accepted.

The auctioneer also will be seeking bids on IBM electric typewriters, oscilloscopes, voltmeters, radio equipment, plumbing and electrical hardware, power supplies, photographic equipment and accessories, electric motors, automotive supplies, pickup trucks, desks, chairs, evaporative coolers, grocery check-out stands, generator sets, air compressors and refrigerators.

Items purchased may be removed on the date of the sale, provided that full payment is made.

Prospective bidders who wish to inspect the wide variety of items that will be on the auction block on July 22 can do so at the

Because the Defense Property Disposal Office is located within the Naval Weapons Center's interior security fence line, prospective bidders who do not have an NWC pass must stop at the main gate and obtain one before driving to the location of the auction.

Additional information can be obtained by calling Greg Berry at NWC ext. 2538.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Opportunities listed in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 33-025, Supervisory Electronics Engineer/Physicist, DP-855/1310-3, Code 3312 — This position is that of branch head in the Radar Technology Branch of the Sensor Systems Division, Fuze and Sensors Department. The Radar Technology Branch is a newly established branch with a mission to conduct radar exploratory development. It will also assist the other avionics development groups by providing information on developmental and in-service radars, as well as developing and operating test facilities for the evaluation of radar requirements and hardware. The primary duties of the incumbent include: administrative and personnel management; technical monitoring of branch projects, and independent technical investigations. The position has promotion potential to DP-4. **Job Relevant Criteria:** Experience in either design, development, analysis, applications of radar; ability to direct a diverse professional work group; ability to work independently on systems concepts and perform research leading to systems recommendations; willingness to support EEO goals and policies.

Announcement No. 33-024, Electronics Engineer/Physicist, DP-855/1310-3, Code 3312 — Three vacancies. These positions are located in the newly established Radar Technology Branch of the Sensor Systems Division, Fuze and Sensors Department. The branch mission is to conduct radar exploratory development. It will also assist the other avionics development groups by providing information on developmental and in-service radars and by developing and operating test facilities for the evaluation of radar concepts and hardware. The primary duties of the branch employees will be to design, develop and evaluate radar systems and sub-systems including provisions for the appropriate software requirements. **Job Relevant Criteria:** Knowledge of RF systems and signal processing fundamentals; ability to design, develop, test and evaluate digital and analog circuitry.

Announcement No. 33-026, Secretary (Typing), GS-318-4, Code 823309, Code 3352/235 — Incumbent provides clerical support to the Exploratory Development Branch and Sea-Launched Weapons Fuze Branch, Electronic Warfare Division of the Fuze and Sensors Department. The incumbent's duties include: maintains calendar; receives and directs visitors and phone calls; reviews correspondence; files and distributes incoming mail; maintains files; prepares and handles time cards, travel orders, and itineraries; purchase orders for materials, supplies and equipment; types from rough, handwritten drafts or machine dictation. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to type 40 wpm; ability to prepare, file, and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare nontechnical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize work of clerical staff or process; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement required, along with the SF-171. Supplemental available in the Personnel Building, Rm. 100. Status eligibles will be considered.

Announcement No. C-04-04, Interdisciplinary/Physicist DP-1310-3, Electrical Engineer DP-850-3, General Engineer DP-801-3, Mechanical Engineer DP-861-3, PAC No. 823591E, Code 3442 — This position is located in the Track Operations Section of the Ground Projects Office of the Test and Evaluation Directorate. The incumbent serves as a focal point for program offices and other sponsors for test work on the NAVVPNCEN track ranges. Responsibilities include test planning, fiscal management, test coordination, analysis, and documentation. The incumbent will be assigned responsibility for a variety of the T&E programs for sponsors from off Center organizations as well as from NAVVPNCEN, and will coordinate the efforts of teams consisting of both professionals and technicians from across organizational lines. The position requires regular contact with the incumbent's immediate supervisor, sponsors, and technical and administrative associates. It will also require contacts with other Center managers, contractors, higher management, and national associates. **Job Relevant Criteria:** Ability to analyze and thoroughly understand the requirements of complex technical programs; knowledge of instrumentation and data analysis techniques; ability to motivate others as well as communicate well both orally and in writing; ability to effectively work with various organizational levels at the NAVVPNCEN and with off Center organizations.

Announcement No. 35-177, Interdisciplinary Position (Supv Electronic Engineer, DP-855-3/4; Supv Mechanical Engineer, DP-830-3/4; Supv Physicist, DP-1310-3/4), PAC No. 823597B, Code 3545 — This position is head, Code 3545, of the Microwave Development Division, Electronic Warfare Department. Incumbent will manage and provide technical direction of advanced electronic warfare exploratory and development programs assigned to the Countermeasures Branch. Will provide supervision and coordinate approximately 12 subordinate personnel, including engineers and technicians. **Job Relevant Criteria:** Knowledge of electronic warfare concepts and technology. Knowledge of electronic countermeasures, counter-countermeasures and support measures. Knowledge of radar theory and techniques. Ability to deal effectively with others. Ability to communicate clearly. Support of the EEO program. Only current level DP-3s or 4s may apply.

Announcement No. 35-178, Engineering Data Management Specialist, DS-301-2, PAC No. 8235619, Code 3541 — This position is located in the Radar Development Branch of the Microwave Development Division in the Electronic Warfare Department. This position provides engineering data management, logistic management and data base management in support of the Aircrew Electronic Warfare Training Ranges (AEWTR) Program. Incumbent will provide assistance in the documentation availability review (currently underway) and build and maintain the master filing system. This includes identifying sources of data, making contacts and assisting in the acquisition of required documents. It would be desirable for the incumbent to have an in-depth working knowledge of configuration management. **Job Relevant Criteria:** Must have knowledge of Integrated Logistics Support requirements. A working knowledge of Data Items and contract implications of rights to data is required. Experience is required in the area of building and maintaining a master filing system. Ability to communicate effectively in writing and orally. Ability to deal effectively with technical personnel at all levels on and off Center.

Announcement No. 36-44, Administrative Assistant/Officer, DA-341-1/2, PAC Nos. 8234620/8234821, Code 3481 — This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent will perform a full range of administrative duties to include preparation, and maintenance of budgets; plant account surveys; equipment requisition and follow-up; generation of complex fiscal and administrative reports; assisting in space and facility requirements; assisting in personnel administration; coordination of training plans. **Job Relevant Criteria:** Knowledge of NWC Administrative Processes; knowledge of Center financial and procurement systems; ability to communicate effectively orally and in writing;

ability to exercise initiative; ability to plan, organize and complete a variety of administrative duties; ability to analyze data. A Supplemental Qualification Statement is required in addition to the 171; it may be obtained in Rm. 123, Personnel Department.

Announcement No. 36-45, Electronics Technician, DT-854-3, PAC No. 823454E61, Code 3483 — This position is in the Metrology Branch, Product Assurance Division, Engineering Department. The incumbent calibrates, certifies, troubleshoots and repairs a variety of precision measuring and laboratory test equipment. Provides technical advice and assistance to junior personnel; performs acceptance test and initial certification to verify specification and performance requirements. **Job Relevant Criteria:** Knowledge of electronics, physics and mathematics relating to metrology; ability to perform calibration functions using related test equipment; ability to troubleshoot electronic test equipment to determine cause of malfunction; ability to interpret and apply technical directives, standards and manuals as applied to metrology.

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SAFE AT SECOND — James Bell, short stop for the China Lake White Sox, waits for the throw, while a player for the Ridgecrest Royals slides safely into second base during the Little League Minor Division's inter-city baseball championship game played last week at China Lake. The Royals emerged victorious by a final score of 12-9 to win the inter-city Minor Division title. The Royals were led by Tony Whinnack, pitcher, who hit a single and a double, and struck out five of the last six batters that he faced. Brian Mather, pitcher for the White Sox, was even more effective at the plate as he banged out two triples, a double and a single in four times at bat. — Photo by PHAN Greg Hogan

Valuable experience gained by soccer teams in Bishop tourney

Valuable playing experience was gained last weekend at Bishop, where the Ridgecrest Scorpion Soccer Club entered two teams in a tournament that was dominated by the Westend Sports Club squad from West Berlin, Germany.

In other tournament play by the Scorpions 13- and 14-year-old squad, the local team defeated Rosarito Beach of Mexico, 4-1; edged Bishop, 3-2, and outscored the Ridgecrest Scorpions' 12- and 13-year-old team 6-2.

The visitors from West Germany gave up only one goal in four games and that was to the Scorpions' 13- and 14-year-old team. Despite losing this contest by a final score of 5-1, the Scorpions gave a good account of themselves as they held the polished West Berlin team to just two goals in the first half.

In the hard-fought game against their counterparts from Bishop, the Scorpions came back from a 2-1 deficit with just 13 min. left to play in the 60-min. match to defeat the host team 3-2 and thereby win second place in the tournament at Bishop.

"We were not outplayed in this one. I'm very pleased with the team right now," Karl Kauffman, the Scorpions' coach said. "Our defenders especially showed the poise and understanding to play defense at this level of competition," Kauffman added.

A last-second goal by Eric Wee produced the win for the Scorpions, after Doug Dragovich scored a goal on a shot that bounced off the right goalpost to tie the score at 2-2.

According to the coach, the Ridgecrest team began to dominate play during the early going in the second half. Brian Hayes fed the ball on a long pass to Bill Ledden, who fought off and outran the nearest defender before kicking the ball over the goalie's head and high into the net.

The game with Bishop appeared to be headed for a draw until Wee scored a goal following a dribbling run through the Bishop defense with just seconds left to play.

This cut the lead of the Westend Sports Club from Berlin to 2-1, and the game remained a nip and tuck battle until the final 8 min. of the hour-long contest.

Enroute to the tourney title, the Westend Sports Club from West Berlin polished off Bishop 11-0 and Rosarito Beach (Mexico) 18-0, in addition to posting a 12-0 victory in a game with the Ridgecrest Scorpions' 12- and 13-year-old team.

During the last 8 min. of action, the West Berliners scored one well-earned goal and chalked up two more goals on penalty kicks to win by a final margin of 5-1.

NWC Varsity...

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Kauffman had words of praise for Scott Piri, who responded to the challenge of playing against a stronger team, by showing improvement on offense, as did Scott Hannon, who displayed extra hustle and aggressiveness. Piri nearly tied the score at 2-2 in the second half, but a kick save by the West German goalie stymied a good chance

field also enabled Huett to score. No more runs crossed the plate until the top of the seventh when John Schatz of the NWC Varsity was safe at first on a fielder's choice, advanced to second on a hit by French, and later tallied for third base on a fly ball to left field off the bat of Collum.

Season's end party set by Over-Hill Track Club

An end-of-the-season party for members of the Over-the-Hill Track Club (OHTHC) will be held next Thursday, July 14, starting at 5:30 p.m. at Sumalee's Restaurant, 303 Inyokern Rd., Ridgecrest.

The China Lakers had a 3-0 shutout going for them at that point in the ball game, but a trio of singles by the USS Prairie team produced one run in the final half-inning of play.

OHTHC members and other interested distance runners are invited to attend and enjoy Sumalee's Thai Chinese food snacks, swap stories about the past season's competitive events, and share any interesting photos they may have.

NWC scored its 3 runs on 9 hits, while the Prairie picked up 1 run on 5 hits. In another defensive struggle, the Pt. Mugu team bunched 5 hits and scored 3 runs in the fifth inning to defeat the China Lakers 3-0. In their final contest of the tourney, the NWC Varsity was without the help of Lambert, a mainstay of the team, who had been injured in game No. 3.

This past week, the NWC Varsity has been competing in the Navy Regional slow pitch softball tournament at NAS, North Island, San Diego. Port Hueneeme was unable to send a team to take part in this event, and the China Lakers were chosen to fill the vacancy.

Softball League results...

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Partners. Beech collected a home run, a double and two singles.

Kelly's Earthworks and CSC continue to hold the upper hand in the Women's Division of the Intramural Softball League.

During last week's games, Kelly's defeated the Beer Nuts and E. J. Ernst Construction by scores of 21-6 and 14-2 respectively, while CSC shut out Graziano's-El Dorado 10-0.

Claudia Kleinschmidt and Bonnie Lake each hit a triple and a double in leading HDHC to its lopsided win over Graziano's-El Dorado.

Any uncertainty about the ultimate outcome of the game with the Beer Nuts was removed when Kelly's scored 13 runs in the first inning. Kelly Howard led Kelly's with a home run, a double and a single in four times at bat in the Beer Nuts' game.

Trailing 11-8, Saxwell's Investments tallied four runs in its last turn at bat to knock off the Ernst Construction team by a score of 12-11.

A 3-base blow each by Diane Underwood and Kris Sorge helped to power Kelly's to a 14-2 win over the Ernst Construction team. Ernst tallied its only runs in the first inning, while Kelly's finished strong with a 6-run burst in the seventh inning.

Home runs by Missy Carlile and Kathy Tracey figured in the Beer Nuts' easy win over Saxwell's Investments. Leading 14-2, the Beer Nuts scored nine more runs in the top half of the fifth and last inning to win, going away, by a final score of 23-2.

Betty Stansbury pitched a 2-hitter for CSC in its 10-0 win over Graziano's-El Dorado.

Energy conservation tip

You can save energy if you'll operate your garbage disposal with cold water. Grease solidifies in cold water and can be ground up and washed away more easily.

Promotional opportunities

(Continued from Page 2)

vehicle integration; ability to communicate with multidisciplinary technical personnel at NWC and other participating Naval activities; effectively interface with higher commands, both orally and in writing.

Criteria: Knowledge of mechanical/aerospace devices, mechanical design ability and/or heat transfer ability; ability to prepare proposals to sponsors; ability to coordinate, monitor and review the work of associates; ability to communicate effectively orally and in writing.

Announcement No. 33-072, Material Engineering Technician DT-802-3, Code 3215 — This position is located in the Design and Fabrication Branch, Sensor Systems Division, Fuze and Sensors Department. The incumbent provides technical support to project engineers and other technicians in the selection, preparation, and fabrication of plastic materials. Additionally the incumbent will design molds for encapsulation of electronic circuitry and related equipment, prepare specifications, and order parts and materials for assigned projects. **Job Relevant Criteria:** Knowledge of plastics and their applications, as well as how to mix, cure, test and document their preparation; ability to design precision dies and molds; ability to use a hand saw, drill press, mill, and sandpaper for working plastic materials; ability to communicate effectively both orally and in writing. Promotion potential to DT-3.

Announcement No. 33-019, Interdisciplinary/Supervisory Aerospace/General/Mechanical/Structural Engineer, Physicist, DP-861/801/830/810/1310-3, Code 3283 — Promotion potential to DP-4. This position is head of the Systems Survivability Branch. Survivability and lethality Division, Fuze and Sensors Department. The incumbent will be involved in and will supervise the design, development, analysis, test and documentation of aircraft and missile technology to enhance air combat survivability. Included will be technology that reduces the detectability of the real time systems operating on the technology that limits or prevents damage from a hit by three weapons. Responsibilities include travel to represent branch and programs. **Job Relevant Criteria:** Ability to deal effectively with personnel of diverse technical backgrounds; ability to interface with sponsors, personnel from other laboratories, and contractors; knowledge of aircraft and missile air vehicle technologies; ability to function as a manager of a multi-disciplined work force; ability to perceive requirements and turn them into productive requirements; fiscal management capability; interest in and potential to management people problems (EEO).

Announcement No. 35-176, Program Analyst, DA-345-1, PAC No. 8235449, Code 35550 — This position is located in the Plans and Requirements Office, Code 35503, EWTEES Division, Electronic Warfare Department. The work schedule is first-4 (Monday-Thursday, 0630-1430) and the location is the Electronic Warfare Threat Environment Simulation (EWTES) facility in the Rancho Santa Fe Test Area. Bus transportation is available to and from the work site. The incumbent assists the W0602 program manager and technical personnel involved with EWTEES short and long range planning. Duties include, but are not limited to, assisting in preparation of short and long range plans; analysis tasks; and numerous administrative tasks associated with a major development program. **Job Relevant Criteria:** Ability to interface with both technical and administrative management personnel; ability to communicate effectively both written and oral; knowledge of Centers policies and procedures. Bachelor of Arts degree or equivalent experience desired.

Announcement No. 31-120, Interdisciplinary, General Engineer, DP-801, Electronics Engineer, DP-855, Computer Scientist, DP-1550, Physicist, DP-1310, Mathematician, DP-1526, Aerospace Engineer, DP-841, Mechanical Engineer, DP-830, DP-2/3, Code 3194 — This position is located in the F/A-18 Project Branch, Tactical Software Engineering Division, Aircraft Weapons Integration Department. The F/A-18 Project Branch is responsible for the real time software operating on the F/A-18 aircraft. Specifically, the branch supports the software on the two main mission computers, the radar computers, the stores management computer, and the air data computer. The incumbent will become familiar with the real time software running on the two main mission computers, and be responsible to test, analyze and modify software. The incumbent will be responsible for the addition of new functions and capabilities in response to Fleet needs. Software testing will be done with the use of project aircraft, a simulation laboratory, and other test resources. **Job Relevant Criteria:** Knowledge of tactical embedded computer systems including applicable operating environments. Knowledge of aircraft and/or avionics systems. Familiarity with digital system design and software design procedures. Ability to work closely with a multi-disciplined group of engineers, technicians and computer scientist. Ability to communicate well, both orally and in writing. Previous applicants are being considered and need not reapply.

Announcement No. 32-072, Interdisciplinary Mechanical/Aerospace/Electrical Engineer, DP-830-461-850-2/3, Code 3273 — This position is located in the Systems Technology Branch, Propulsion Systems Division, Ordnance Systems Department. The incumbent will participate in the branch's vertical launch missile adaptation program and be responsible for the design, development and evaluation of missile flight control and propulsion subsystems. The effort involves hands on hardware work relating to both major missile development applications and technology base programs and includes definition and coordination of missile hardware and software interfaces with the Navy's Vertical Launcher System. **Job Relevant Criteria:** Knowledge of missile related mechanical and electrical component design; knowledge of control systems; knowledge of shipboard fire control and launcher interfaces; ability to communicate effectively orally and in writing.

Announcement No. 29-003, Store Worker Foreman, WS 491A/94, Code 291 — This position is located in the Navy Commissary Store. Incumbent will be employee of COMSTR Division, San Diego, with duty station at China Lake. Incumbent provides administrative support to Commissary Store Officer and accounting/clerical/procurement services to Commissary Store and Commissary Store Group Offices. Incumbent is responsible for preparing reports in timely manner and maintaining accurate records. **Job Relevant Criteria:** Knowledge of practices and accounting procedures to process, record, research and adjust wide variety of transactions in cash accounting and supply operations. Knowledge of procedures necessary to verify and edit accounting data. Ability to operate basic office machines such as calculator, typewriter and copy machines. Ability to deal with people in courteous, tactful and professional manner. Ability to effectively communicate both orally and in writing. Applications will be accepted from status eligibles.

Announcement No. 32-073, Interdisciplinary General/Mechanical/Aerospace/Chemical Engineer or Physicist, DP-801/802/820/892/1310-2/3, Code 3274 — This position is located in the Solid Propulsion Branch of the Propulsion Systems Division, Ordnance Systems Department. The incumbent analyzes, designs and develops vehicle solid propulsion systems, performs interior and exterior ballistic calculations, conducts heat transfer calculations, conducts tests and evaluation of rocket motors, and provides guidance to missile systems developers. The incumbent is responsible for plans, coordination, and direction of both technology base and applications activity and for maintaining contact with sponsors, program offices and industry. **Job Relevant**

Announcement No. 36-44, Administrative Assistant/Officer, DA-341-1/2, PAC Nos. 8234620/8234821, Code 3481 — This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent will perform a full range of administrative duties to include preparation, and maintenance of budgets; plant account surveys; equipment requisition and follow-up; generation of complex fiscal and administrative reports; assisting in space and facility requirements; assisting in personnel administration; coordination of training plans. **Job Relevant Criteria:** Knowledge of NWC Administrative Processes; knowledge of Center financial and procurement systems; ability to communicate effectively orally and in writing;

The Rocketeer

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DIVINE SERVICES
PROTESTANT
Sunday Worship Service 1000
Sunday School 0830

ROMAN CATHOLIC
Sunday Masses 0700 & 0830
Daily Mass (except Sunday) 1135

JEWISH
Friday in the East Wall 1930

UNITARIAN
Sunday, Annex 95, as announced 1930



China Lakers win inter-city Little League title tilt

A game to decide the China Lake-Ridgecrest inter-city championship last week climaxed the regular season of Little League baseball play, and cleared the way for the start of 1983 post-season all-star tournament action that will get underway in Ridgecrest on July 16.

The Dodgers, champions of the China Lake League's Major Division, met and defeated their counterparts from Ridgecrest (also the Dodgers) by a score of 4-1 to win the inter-city title.

David Vie, pitcher for the China Lake team, broke the scoring ice with a home run in the second inning and held the Ridgecrest Dodgers scoreless for five innings.

The home run by Vie was the only scoring by either team until the top of the fifth when the China Lakers clinched the win with a 3-run burst — thanks largely to a bases-loaded single by Donald Ashton, first baseman for the China Lake Dodgers.

In what was a pitcher's duel until the fateful fifth inning, Troy Mather turned in a fine performance for Ridgecrest Dodgers by striking out 16 opposing batters.

Announcement of the all-stars chosen for the tournament between teams representing China Lake, Ridgecrest, Searles Valley, Owens Valley and Bishop Little Leagues came following the inter-city championship clash. The players from China Lake and Ridgecrest are:

China Lake All Stars

David Vie, Rusty Waugh and Dan White, of the Dodgers; Brian Gustavson, Donald Ashton, Judy Bolante, Jim Hoffman and David Vanderhouwen, of the Tigers; Chris Guilmette and Robby Begin, of the Red Sox; Matt Suprenant and Mike Browning, of the Yankees; and Mike Shahan and Joe Norris, of the Wildcats. Jimmy Knight, of the Yankees, also was elected to the all-star team, but will be unable to play.

Ridgecrest All Stars

Curtis Brune, Aaron Celestine, Paul Gage, Bobby Lewis, Mike Maitland, Troy Mather and Shane McDonald, of the Dodgers; Eddie Davis, Trevor Patin and Tony Truesdale, of the A's; Tom Caves, Richard Flores, Joe Wan Kim, Lee Summers and Chris Witty, of the Giants; and Jeff Hamilton, of the Angels.

All-star team from Colt League begins tourney play tonight

Members of the Indian Wells Valley Colt League's all-star baseball team will travel to Lancaster for a 7 o'clock game this evening that will launch their participation in the 1983 post-season Colt Baseball League tournament. They will be playing the Lancaster Colt League team.

Local competition in the Colt League (for 15- and 16-year old players) was won by the A's, who posted a regular-season record of 8 wins and 1 loss.

Five players from the A's are on the roster of the all-star team. They are Jeff Anderson, Robbie Bowles, James Delgado, Ian Patin and Ray Haleman. Others on the IWV Colt League all-star team are:

Mark Clark, Larry Jeffries, Scott Schroeder, Ed Gerrick, Jerry Gerrick, and Jeff Hemley, of the Braves; and Ted Hopkins, Billy Meeks, Daren Clodt and Shane Meredith, of the Cardinals.

Rick Booth is manager of the IWV Colt League all-stars, assisted by Larry Phillips.

Booth plans to start Mark Clark on the pitcher's mound in tonight's tourney opener, with James Delgado behind the plate as catcher.

JB's hangs onto first place in Fast Pitch Division

JB's, knocked off 10-9 last week by the Ridgecrest Gang in a hotly-contested game, bounced back two nights later with a lopsided 22-2 win over the Royals. This turn of events enabled JB's to hang onto the lead in the Fast Pitch Division of the Military Division of the Intramural Softball League.

JB's was cruising along with a 9-2 lead after 3½ innings of play in the game with the Ridgecrest Gang, but the momentum then switched to the Gang, who scored 4 runs each in the fourth and fifth innings to pull out a 10-9 victory.

Home run hitters in this tilt were Bell, of the Ridgecrest Gang, and Volk and Evans for JB's.

Jim Knott pitched a 4-hitter for JB's, while his teammates converted 18 hits into 22 runs while trouncing the Royals 22-2. Extra-base hits for JB's in this game were tagged by Dale Ewins (2 doubles), and Bare, who had a triple and a double.

The Fast Pitch Division leaders tallied 10 runs to turn what had been a 7-1 lead into a runaway in the fourth inning.

In two other Fast Pitch Division games, the Junk Food Junkies edged the Royals 4-3, while the Entertainers posted a 12-11 victory over the Cards.

In what was a defensive struggle, the

Junkies scored one run in the first inning, plus three more in the second, and then held on to win their game with the Royals by a final tally of 4-3. Long ball hitters in this contest were Chris Toftner, of the Junkies, and Steve Zamarron, of the Royals, each of whom had a 2-base hit.

The Entertainers slipped past the Cards by a scant 1-run margin, thanks principally to a 10-run second inning barrage. After that the Entertainers eked out 1 run each in the third and fourth innings, while the Cards got rolling and finished with a 6-run surge that fell just short of tying the score in the sixth inning. A triple by Aguirre and a double by Connell, both of the Cards, were the only extra-base hits in this game.

The JB's entry in the Men's Slow Pitch Division of the Intramural Softball League suffered its first setback of the season last week — coming out on the short end of the score (19-13) in a game with La Fiesta-Sandwiches & Things.

JB's came back smoking the next night, however, to bombard the hapless Homestead squad 46-1 in a four-inning tilt.

The La Fiesta team, aided by a 11-run burst in the second inning, built up a large enough head of steam to knock off JB's. The victors' 22-hit total included a home run by

Cary Dabbs. Three players for JB's — Bennie Williams, Rick Noland and Brandt Tunget — also hit the ball out of the park.

JB's jumped off to a 21-0 lead in the first inning against the Homesteaders, and the outcome was never in doubt. Two home runs each by Noland and Tunget and one by Williams paced JB's 39-hit attack.

In contrast to JB's 46-1 landslide win over the Homesteaders, the Old Timers, Playboys and the Outlaws each had to struggle to come up with 1-run victories last week.

The Old Timers defeated Ken's Liquor and the Sport Shack by scores of 18-17, and 14-13, respectively; while the Playboys edged Ken's Liquor 12-11; and it was Outlaws 14, CSC 13.

The Old Timers scored 11 runs in the last half of the seventh to defeat Ken's Liquor 18-17. A double by Muro was the only extra-base hit for the Old Timers. The Livingstons (Jim and Bob) had three two-base blows between them for Ken's Liquor.

A 5-run rally in the sixth inning by the Sport Shack squad still left this team a run shy of the Old Timers, who accounted for most of their runs during the first three innings of play. Hamilton had a home run and Clum had a triple in a losing cause for the Sport Shack team.

Despite being outthit 16-10, the Playboys made it into the win column with a 12-11 victory over Ken's Liquor. Three runs in the last of the seventh nearly turned the tide for Ken's Liquor. Demarco led the Playboys at the plate with a home run and a double in four times at bat.

Two big innings did it for the Outlaws in their 14-13 win over CSC. Nine runs in the third and five more in the sixth was enough scoring to eke out the victory. CSC made it close with a 7-run rally in the fifth inning.

CMCI was another 2-game winner last week with victories over the Sport Shack (20-3) and CSC (16-12).

CMCI built up a 13-0 lead and then coasted to a 20-3 win over the Sport Shack team. A home run by French and two triples by Cane led CMCI's 22-hit attack in this game.

CMCI broke a 10-10 tie with CSC by scoring 4 runs in the sixth inning and added another pair of runs in the seventh to win by a final score of 16-12.

In other Men's Slow Pitch Division games, C&M Airlines defeated the Playboys 12-7, but then lost by a score of 6-2 to the Outlaws, while the Homesteaders picked up 12-6 win at the expense of the Partners.

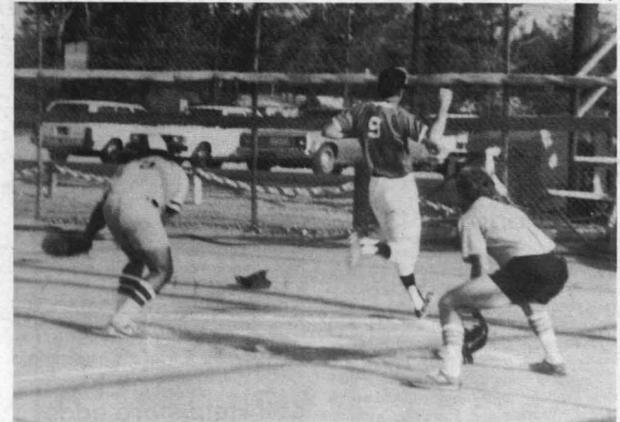
Bowen's three hits in four at-bats led C&M Airlines to its 12-7 win over the Playboys. Bowen contributed a home run, a double and a single as his team built up a 9-2 lead at the halfway point in this game.

The Outlaws scored all of their runs (6) in the first two innings and then limited C&M Airlines to two scattered tallies during the remainder of this 7-inning tilt.

Rob Beech was 4 for 4 at bat for the Homestead in his team's 12-6 win over the

(Continued on Page 7)

Standings as of July 7:		
Team	Won	Lost
Men's Fast Pitch Div.		
JB's	8	2
Ridgecrest Gang	7	2
Cards	6	4
Junk Food Junkies	3	7
Entertainers	4	6
Royals	2	9
Men's Slow Pitch American		
NWC Varsity	11	1
La Fiesta-Sandwiches & Things	8	2
CMCI	6	4
Playboys	6	4
Outlaws	6	6
Old Timers	3	6
Homestead	2	8
Men's Slow Pitch National		
JB's	8	1
Ken's Liquor	5	5
C&M Airlines	5	5
CSC	4	7
Partners	1	9
Sport Shack	1	10
Women's Slow Pitch American		
Kelly's Earthworks	12	1
Ridgecrest Electric	8	4
Beer Nuts	6	8
Saxwell's Investments	5	9
Style, J. Ernest Construction	2	10
E. J. Ernest Construction	1	12
Women's Slow Pitch National		
CSC	13	0
High Desert Home Center	10	2
High Desert Imports	7	7
NWC Sidwinners	7	8
Graziano's El Dorado	3	11



RUNNER CROSSES PLATE — Roger Toftner (No. 9), designated hitter for the Junk Food Junkies, tallies one of his team's four runs during the Junkies' 4-3 win over the Royals in the Men's Fast Pitch Division of the Intramural Softball League. Steve Zamarron, catcher for the Royals, is out of position to tag the runner. The plate umpire watching the play is Bill Sizemore. — Photo by PH1 Benita Tetreault

NWC Varsity team places 3rd in tournament at Port Hueneme

The NWC Varsity slow pitch softball team finished third last week in the Northern Area Regional Tournament held at Port Hueneme.

The China Lakers, led by Chuck Waugh, player-coach, won two of its four games before being knocked out of this double-elimination event.

A first round loss by a score of 7-2 to Port Hueneme dropped the NWC Varsity into the consolation bracket. This initial defeat was followed by victories over the USS Mactovi team (6-4) and over the USS Prairie (3-1).

This set the stage for the NWC Varsity vs. Pt. Mugu tilt, which was won 3-0 by the Pt. Mugu squad that later went on to win the tournament, followed by Port Hueneme in second place.

Port Hueneme scored 7 runs on 10 hits during the tourney opener against China Lake. Frank Lambert, left-centerfielder for the NWC Varsity, tallied both runs for the local team in this contest.

Lambert got the China Lakers on the scoreboard by banging out a triple in the second inning. This hit was followed by a sacrifice fly to the outfield by Jim French that enabled Lambert to score from third base.

It was the seventh inning, and the NWC Varsity was trailing 7-1 before the locals tallied their only other run in the game with Port Hueneme. Consecutive walks to Lambert, French and John Schatz loaded the bases for NWC.

Lambert then scored from third on a

ground ball that was converted into a double play by the alert Port Hueneme defense.

A first inning triple by Lambert got things rolling for the NWC Varsity in the game against the USS Mactovi team. A sacrifice fly by Vince Huett enabled Lambert to score before being knocked out of this double-elimination event.

The NWC Varsity's 1-run lead held up until the third inning, when the USS Mactovi team put together a barrage of 8 hits and scored 4 runs.

That was it in the scoring department for the USS Mactovi, however, while the China Lakers knotted the count at 4-4 in the sixth and then scored two runs in the seventh inning to win the game 6-4.

Huett picked up two RBIs for the China Lakers in the sixth inning with a 3-base blow that drove in French and Lambert, who got on base as the result of an error and a walk. Huett then scored on a hit by Stu Caldwell, pitcher for the NWC Varsity.

In the seventh inning, consecutive singles by Bill Collum and Bobby Pulcare set the stage for a 3-base hit by Jim Hamilton that won the game.

In a low-scoring game with the USS Prairie team, the China Lakers got the jump on their opponents by scoring two runs in the first inning. Collum, who was safe at first on an error, advanced to second on a hit by Huett and then scored on an outfield fly off the bat of Kent Harris.

Moments later a sacrifice fly to the out-

(Continued on Page 7)



AFFECTIONATE FAREWELL — Capt. Jerry Horacek and his wife, Judy, arrive at the golf course for their farewell party aboard an appropriate vehicle for an ex-Seabee officer. Even a burro joins the well-wishers at the retirement party for the departing Public Works Officer. In the top right photo, Matt Anderson, head of the Fuze and Sensors Department, holds up what's left of one of his car's shock absorbers after it traveled "Horacek Highway" (Blandy Avenue during road repair operations). In the lower left picture, Lewie Carr, head of the Metal Trades Council, expresses the appreciation of union members for Capt. Horacek's support and assistance as Cdr. D. A. Rein, assistant Public Works Officer, watches. Five members of the Desert Rats chorus (lower right) join with other members of the group in serenading the Horaceks with lyrics especially written for the occasion. — Photo by PH1 Benita Tetreault

Average savings is 20.9% at Commissary Store, survey shows

The average savings at Navy Commissary Stores is 20.9 percent. This fact was confirmed by the results of a price comparison survey conducted by an independent marketing research firm in February 1983.

The survey, conducted in seven Commissary marketing areas in the United States by the research firm of Burgoyne, Inc., compared Commissary Store prices with prices in nearby commercial supermarkets. The 130 items priced were selected to represent the average Commissary Store patron's market basket.

Prices were recorded for identical items and included specials and promotions offered by commercial supermarkets and Commissary Stores. Retail sales taxes were included in the commercial prices reported. Commissary Store savings were computed by the research firm.

Geographic areas included in the price survey were Connecticut, Virginia, Florida, Tennessee, California and Washington.

Capt. Steve Evans, Deputy Commander of the Commissary Operations Group at the Navy Resale and Services Office (NAVRESSO), indicated that even greater savings may be provided by Navy Commissary Stores. "At the time of the survey, the surcharge at Navy Commissary Stores averaged six percent. In late March, the surcharge was reduced to 5 percent at all Navy stores. We estimate that this revised pricing method has increased patron savings significantly," he said.

NAVRESSO will commission another Commissary Store price comparison survey by an independent research firm in late summer of this year.

Reservists must apply by Aug. 1 for active duty

Selected reservists planning to apply for annual active duty during the 1983 fiscal year, which ends Sept. 30, must have their applications in the Naval Reserve Support Office in New Orleans by Aug. 1. The requirement is meant to ensure maximum use of programmed funds.

Applications should be sent to Naval Reserve Support Office, Code SO9, 4400 Dauphine St., New Orleans, La. 70146, to arrive not later than close of business on Aug. 1, 1983.



LEADERSHIP COMMENDED — G. R. Schiefer, Deputy Technical Director, congratulates Capt. Jerry Horacek after presenting him with the Michelson Laboratories Award. Standing behind Capt. Horacek is James R. Bowen, Deputy Support Director, who nominated Capt. Horacek for the award, and Capt. Scotty Vaughn, Chief Staff Officer. — Photo by PH1 Benita Tetreault

Fuze expert receives Tech Director Award...

(Continued from Page 1)

system investigations traced the problem to a lack of sufficient isolation between the transmit and receiving antennas that had the effect of reducing the sensitivity of the TDD and cutting back its ability to do the job for which it was designed.

Within a three-month period, the necessary design changes were incorporated into the TDD hardware by the design team, with the support of quality assurance engineers from the NWC Engineering Department. Several hardware interface changes were necessary on an interim basis to permit release of units for planned flight tests in order to keep the missile's operational evaluation on schedule, Anderson wrote in recommending Kirschsieper for the Technical Director Award.

The latter, it was noted, "provided excellent support to the Standard Missile Ordnance Program Manager in developing the technical material for two critical design reviews held with NWC's top management and for other reviews required

by the Naval Sea Systems Command program sponsor."

In addition, the design team, under Kirschsieper's direction, worked closely with a General Dynamics' missile checkout crew to assure that the missiles being readied for tests at sea this past February were tested to the most rigorous standards. As a result, when follow-up tests were held to determine whether or not the earlier problem with the Standard Missile II Mk 45 TDD had been remedied, the Target Detecting Device "performed flawlessly on all missiles which intercepted their targets within the kill region," Anderson wrote in elaborating further on his nomination of Kirschsieper for the Technical Director Award.

The latest recipient of the Tech Director Award is a longtime employee of the Fuze Department — going back to 1958 when he was graduated from Purdue University with a BS degree in electrical engineering and went to work at the Corona Laboratories.

He was involved initially in work on Fuzes for the old Terrier missile, as well as on the M 5 and M 20 Target Detecting Devices.

Injured mountain climber rescued by Navy SAR helicopter

Despite the number of backpackers, climbers, hikers, and rafters roaming through mountains and on the streams this past weekend, the Center's Search and Rescue (SAR) helicopter crew only had to make one flight.

Richard Taylor, 33, from Los Angeles and his climbing partner, Mike Menain, had just passed the Upper Meysan Lakes area near Mt. Whitney on Friday on their way to Mt. LeConte when Taylor slipped in an ice chute and slid about 1,000 feet.

He did not have an ice axe, and was relying on crampons only to stop any falls. His crampon caught in the ice and stopped his slide, but the abrupt halt resulted in a broken ankle.

Menain towed Taylor nearly a half mile to a spot where a tent could be set up to protect the injured man from the weather and then hiked out for help. When he reached Lone Pine on Saturday, he contacted the Inyo County Sheriff, who called out both the Inyo County Search and Rescue Team and the China Lake Mountain Rescue Group (CLMRG), in addition to alerting the Center's SAR helicopter crew.

The helo took off shortly after 2 p.m. Saturday, with Lt. Greg Friedrichsen as pilot, and crew members AMS2 Mike Clenny, AEAN Mark Keenan, and HM2 Bill Lewis, as well as CLMRG members Tom Stogsdill and Bob Huey. On reaching Lone Pine, extra equipment was off-loaded and Huey remained behind while the rest of the crew flew on to see if they could locate the injured man.

The accident victim's blue tent was spotted readily from the air; a landing site was within 500 feet of the tent, so the helo landed, and the injured man was carried to the chopper for the flight back to Lone Pine to the hospital.

In the meantime, telephone coordinator Mary Wyatt of the CLMRG had called out Ron Atkins, team leader, Howard Derrickson, Andrew Mitchell, and Tom Sakai, along with Lloyd Brubaker to serve as radio coordinator. These men reached Lone Pine just about the same time that the helo flew back with the injured man, so they were able to turn around and get back home in time for dinner.

Lt. Friedrichsen commented that the rescue could not have gone more smoothly — the winds were calm, the weather clear, and the victim easy to locate.



His association with fuzes for the Standard Missile began in 1965 and has continued through numerous design iterations for the past 18 years.

He was with the Fuze Systems Division at the time that the Fuze Department was moved from Corona to China Lake in 1970, and has been head of the Long Range Missile Fuze Branch (formerly Fuze Project Branch 5) since January 1974.

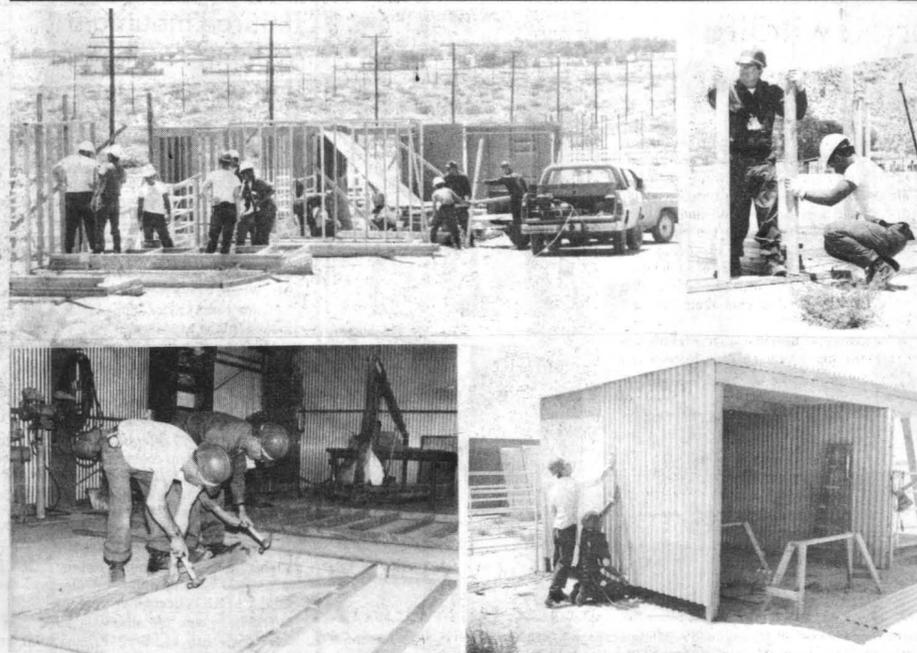
Police reports . . .

A grand theft incident at the China Lake golf course was reported last week at China Lake police.

Stolen from the golf course maintenance shop area were 40 aluminum rainbird-type sprinklers and 30 gallons of gasoline. Value of the missing sprinklers and the gasoline was estimated at more than \$2,000.

4 DUI ARRESTS MADE

During the month of June, China Lake police made four arrests of motorists who were charged with driving under the influence (DUI) on the Naval Weapons Center.



BUSY BEES — Seabee Reservists of Reserve Naval Mobile Construction Battalion 17 spent two weeks here recently involved in the task of completing the work of constructing new horse corrals in the stables area at the Naval Weapons Center. In this camera's eye view of the project, the framework of a wall for one of the tack rooms is bolted to its concrete slab floor (top right). In the photo at

lower left, door frames for the tack rooms at the stables are being fabricated by EA3 Bob Gaylardt and MR1 Don Wittenbrink, and (at right) two Seabee Reservists prepare to fasten a section of metal siding to the exterior of a shelter at the stables. The interior also is covered with metal siding that will add longevity to the life of these structures. — Photos by CM2 Jerry Morrison

Stables spruced up by Seabees during 2 week of active duty

Two dozen members of Reserve Naval Mobile Construction Battalion 17 (RNMCB 17), headquartered at Port Hueneme, recently completed two weeks of active duty for training (ACDUTRA) here.

The Seabee Reserves on this deployment were involved in additional work on the construction of corrals for the Recreational Services Department's stables.

Last February, groups of other Seabees from RNMCB 17 began work on improvements in the stable area by clearing away brush, leveling the site, and running electrical and water lines to each separate stall. They also erected many of the individual corral fences and completed concrete foundations and floors for the tack and storage rooms.

This latest contingent of Seabee Reservists assigned for ACDUTRA here, was under the direction of Equipment Operator Senior Chief Charles Walrath, as officer-in-charge, and Builder Chief Bill Haselton.

Once again the Seabee Reservists showed their versatility as a crew and pulled together for a successful training experience. The group included several who were mess specialists, yeoman and engineering aids who were called on to pound nails, cut lumber and level pre-fab walls. The cross-rate training received by these men will enhance their value to their respective detachments.

Not only did the detachment face the problems of personnel unfamiliar with construction rates having to assume construction tasks, but EOCs Walrath and BUC Haselton literally had to teach a whole new vocabulary to the assorted rates gathered together to complete the assigned project.

The latest work on the stables area was carried out by ten Seabee Reservists from China Lake, nine from Tucson, Ariz., three from San Diego, and one each from Oxnard, Calif., and Bakersfield.

Motorcycle riders required to wear helmets on Center

Some persons may be confused by the sign at the Center's entrance gate stating that the California Vehicle Code is enforced on the Center and, according to the California Vehicle Code, a motorcycle helmet is not required.

Such persons should remember, however, that Navy regulations, which may be more stringent than State Codes, are also enforced on naval installations.

OPNAVINST 5100.12B states in part that "wearing of a properly fastened helmet which meets the Snell Foundation standards, or ANSI Z-90.1 1971 standards, or the Federal Motor Vehicle Safety Standards (FMVSS) Number 218, as well as eye protection devices, is mandatory for all personnel, military and civilian, while operating or riding as a passenger on a motorcycle on DoD installations or while on government business off the installation."



TEAMWORK REWARDED — Five Center personnel recently split a \$1,500 Group Special Act Award for their efforts in putting together a Facilities Planning course that has been taught several times to persons on board who need to understand the facility planning process. The aim of the course was to improve communication between the customer and the Public Works Department. The awards were presented by Capt. Scotty Vaught, Chief Staff Officer, Capt. J. L. Horacek, Public Works Officer, and Jim Bowen, Deputy Support Director, who are in the front row of this photo with Catherine Bell, one of the recipients. Others are (l.-r.) in the second row, Pete Dietrichson, Dwight Holford, and Jim Fath. One other award winner, Brandi Williams, was unable to be present for the photo. — Photo by PHAN Greg Hogan

Navy personnel get Special Achievement Awards

Several sailors assigned to the NWC Aircraft Department were the recent recipients of Special Achievement Awards for their outstanding performance and service. Capt. W. H. Greene, Commanding Officer of Enlisted Personnel, presented the awards to the enlisted personnel.

AZ1 James Barnes, AZ2 Gary Page, and AZ2 Fred Stark, assigned to the Logs and Records/Maintenance Administration, were commended for instituting a method to ensure that NWC was reimbursed for aircraft ferry flights by VRF-31.

These three sailors spent many additional hours researching and collecting data for this program. As a result of their extra work, NWC is now reimbursed for fuel used in aircraft ferry flights.

AZ1 Craig Wilson, assigned to the Quality Assurance Branch, as a data analyst, was singled out for recognition for work he recently completed. Petty Officer Wilson

developed the software required to automate the Quality Assurance Branch Audit Program, thus saving many manhours of work.

For his high level of performance, AME1 William Willis, Verification Section Supervisor in the Quality Assurance Branch, also received a Special Achievement Award. Petty Officer Willis is responsible for training and qualifying all quality assurance representatives, and has done so in a minimum amount of time without compromising quality.

His knowledge has saved many manhours, and created a better overall product for NWC, it was stated in the letter of commendation that accompanied his Special Act Award.

Six sailors from the Ordnance Branch were commended for their performance of Hot Line duties with exceptional distinction involving support of the Skipper

capacity for leadership; show exceptional promise for future development; and are dedicated to the institutions of the United States.

General age guidelines for the program are not specified, however it is intended that military personnel selected for the program be firmly committed to a military career and applications from individuals below the age of 28 are discouraged.

Military personnel on active duty who are designated White House Fellows receive normal authorization pay and allowances and remain in an active duty status. Assignment of naval officers to the program is considered the equivalent of attending a service college commensurate with the officer's grade at the time of commencement of the fellowship.

To obtain an application, request the form by postcard from: The President's Commission on White House Fellowships, 712 Jackson Place N.W., Washington D.C. 20503. For additional information on qualifications and eligibility, contact the COMNAVMLPERSCOM White House Fellowship Program Manager (NMPC-440) at Autovon 224-3323 or commercial (202) 694-3323.

Applicants being sought for White House Fellows program

Application forms for the 1984 White House Fellows Program are currently available for interested eligible individuals.

The White House Fellows Program was established in 1964 to provide a highly select group of gifted, motivated young Americans the experience of direct and personal involvement in the process of governing the nation.

Fellows are assigned to the White House staff, the Vice President, members of the cabinet and to other top level assignments in the Executive Branch. In addition to their duties as special assistants, White House Fellows participate in an educational program revolving around the government's processes, personalities and problems.

The program is open to men and women of all civilian occupations and to career personnel of the military services. Other employees of the federal government are not eligible for the program. Each applicant must be a citizen of the United States.

Selection of military personnel is limited to career-motivated individuals, both officer and enlisted, who have demonstrated unusual ability, high moral character, outstanding motivation and a broad

Geologists find varied wildlife while probing mines on Center

Geologists Bill Durbin and Steve Bjornstad are having an unusual experience since they've come to work for the Geothermal Utilization Division of the NWC Public Works Department — they are sharing the mines they enter with wild life.

Both had previously worked for the Union Carbide Company at Alamo, Nev., and the mines they entered were actively being worked. Mines that are active have sufficient noise and bustle so that snakes, bats, birds, field mice, pack rats, and other creatures stay clear. Once a mine is abandoned, however, these same creatures move in to seek the solitude and shelter that

can be found within.

When the two men first came here in late February, the weather was still cool enough so that they did not have many concerns about snakes, but since that time Bjornstad discovered one day that he and a large sidewinder were both eyeing the same piece of projecting rock as a place to move.

As soon as they were aware of each other, neither did, said Bjornstad, adding that "The snake seemed as glad about that as I was."

The men have also disturbed a number of bats in the Sterling Queen Mine, found a nest full of six baby birds cheeping hungrily for their mother, and spotted a number of rodents ranging from tiny field mice to what they both report was a very big rat.

The countryside around NWC is not new territory to Durbin, who worked for the Union Carbide Company in Bishop from his graduation in 1974 with a bachelor's degree in economic geology from San Diego State University until 1980. At that time he was transferred to Nevada, when the Bishop operation cut back in size.

Bjornstad originally came here from much greener country. He received his bachelor's degree in geology from Western Washington University in Bellingham, Wash., before joining Union Carbide in late 1975. Since then he has worked on the Colorado Plateau and at Tempiute in southern Texas before heading to Alamo, which is located 96 miles north of Las Vegas.

Equipment Locator Service to start operations July 15

China Lake personnel who need various types of equipment to get the job done (whatever the job may be) will be able to save themselves, the Center and the taxpayer time and money by using the new Equipment Locator Service, which will be available starting next Friday, July 15.

The Safety Office will hold a two-hour course to satisfy this annual training requirement.

For further information, or to enroll in this course, contact Bill Deem by calling NWC ext. 2315 or 2037. Course dates and times can be arranged to fit the schedules of those who sign up for the course.

Costly accident to aircraft prevented by 2 Navy enlisted men

One of the Center's F/A-18 aircraft is still flying because two of the personnel in the Metal Shop of the Airframes Support Division in the Aircraft Department did their job right.

At about 4 o'clock one recent morning, AMS3 John D. Marrington was performing routine maintenance on an F/A-18 tire/wheel assembly when he discovered the outer wheel bearing key washer (bearing retainer), which is re-used on aircraft tire changes, stuck to the bearing of the turned-in assembly.

Realizing the importance of the key washer, he quickly notified his supervisor, ASM2 Daniel S. Eilertson. Petty Officer Eilertson then immediately went to the Airframes Shop in Hangar Three to notify the shop supervisor, and Maintenance Control was also informed.

The aircraft, which had been scheduled for a 10 a.m. launch, was placed in a down status for inspection. When Airframes personnel performed the necessary inspection, it was found that the key washer was indeed missing from the port main-mount assembly.

Had the aircraft been launched with this washer missing, the mission probably would have ended in catastrophe. As documented in the past at other commands, the wheel probably have broken, ruining the axle (valued at \$7,400), and possibly causing the aircraft to crash.

The attention to detail and prompt response shown by Petty Officers Marrington and Eilertson demonstrate their high degree of professionalism and concern for safety.



CHECKING OUT AREA — Steve Bjornstad and Bill Durbin, two geologists in the Geothermal Division of the Public Works Department, examine some of the artifacts at the Maturango Museum. They have been finding similar artifacts and a variety of wildlife in the various mines on the Naval Weapons Center that they have been examining. — Photo by PHAN Greg Hogan

NWC awards contracts totaling \$21.2 million to small businesses

According to Lois Herrington, the Center's Small and Disadvantaged Business Utilization Specialist, contracts totaling more than \$21.2 million have been awarded to small businesses by NWC this year, representing about 36 percent of all the contract moneys awarded.

The Standard Industrial Classification for manufacturing concerns lists a small business as one that employs between 500 and 1,500 persons.

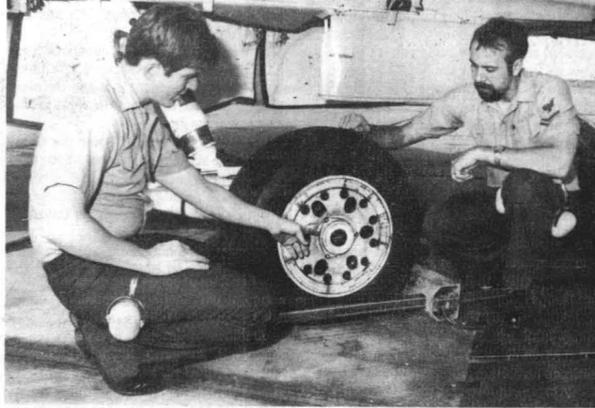
The largest contract yet awarded to a small business under the Center's cognizance went last month to the Conax Corporation of Buffalo, N.Y., for manufacturing the Seawater Activated Release Systems (SEAWARS) device. This device automatically releases the parachute canopy from an aviator who has ejected from his aircraft as soon as he hits

Self Help store adds to hours of operation on Tuesday, Thursday

Tenants in Center housing will be able to borrow garden tools and pick up items needed to do some of their own housing repairs on their way home from work on Tuesday and Thursday afternoons because the Self Help store hours have been extended until 5:30 on those days.

Self Help hours now are 7:30 a.m. to 4:30 p.m. on Mondays, Wednesdays, and Fridays, 7:30 a.m. to 5:30 p.m. Tuesdays and Thursdays, and from 10 a.m. to 1 p.m. on Saturdays.

The Self Help operation is located at the Housing Division office on Blandly Avenue, across from the solar park.



COSTLY ACCIDENT PREVENTED — AMS3 John D. Marrington shows his supervisor, ASM2 Daniel S. Eilertson, the location of the outer bearing key washer. The prompt action of the two men, when they found this washer stuck to the bearing of a turned-in assembly, probably prevented an accident. — Photo by PHAN Greg Hogan

the water. Conax, which employs about 280 persons, was given a letter contract for \$2,972,565 for the first year; the initial contract will total about \$6 million, and has a potential for \$24 million.

NWC has met its assigned goals for awards to small businesses for the past four years, and also is expected to achieve its \$33.4 million goal for this year.

As well as the overall amounts, specific quotas are designated for contracts for small business set-aside, for minority-owned businesses and for women-owned businesses.

The set-aside moneys are for small business participation when the contracting officer determines offers will be obtained from at least two responsible small business concerns and an award will be made at a reasonable price.

So far this year only \$3.2 million has been awarded under the set-aside requirement, which is 65 percent of this year's goal of \$4.9 million.

Goals for minority owned and woman-owned businesses are \$1 million and \$700,000, respectively, although President Reagan recently asked that government facilities increase the amount for minority business contracts by 10 percent. The Center achieved its goals for both of these last year and is on target for women-owned businesses so far this year.

Cerro Coso offers course in defensive, competitive driving

A course in defensive and competitive driving will be offered at Cerro Coso Community College during the summer session.

The course, which will emphasize advanced maneuvering techniques and other vehicle control elements, will begin on Friday, July 22.

The 2-unit course will be taught by Earl Bennett, a professional driver. It is scheduled on two consecutive weekends (July 22-23 and 29-30) and also Aug. 1 through 5 from 8 a.m. to 5 p.m. with a one-hour break at noon.

Bennett will teach the theory of driving and the mechanical aspects of driving, including how an automobile's steering, suspension, and brakes interrelate with speed driving.

Registration is now being taken at the college's Office of Admissions and Records, and will continue until the first class session. A \$125 lab fee, to cover the cost of tires and brakes, along with a \$9 registration fee, will be charged to each student at the time of registration. For more information, telephone 375-5001.