



SEASON'S FINAL CONCERT — "Musical Offering," a program featuring an ensemble that plays music of the Baroque period, will conclude the 1983-84 season of the Indian Wells Valley Concert Association next Thursday, April 26, at 7:30 p.m. in the Center theater. The concert artists are (seated, l.-r.) violinist Kathleen Lenski, bassoonist Kenneth Munday, cellist David Speltz, and (standing) Owen Burdick, who plays the harpsichord, and oboist Allan Vogel.

Baroque music ensemble program concludes concert series Thursday

An ensemble that plays music from the Baroque period (the late 1600s through the mid-1700s) will be featured in the Indian Wells Valley Concert Association's final program of the 1983-84 series next Thursday, April 26, at 7:30 p.m. in the Center theater.

The concert artists who will perform during a program entitled "Musical Offering" are violinist Kathleen Lenski, oboist Allan Vogel, bassoonist Kenneth Munday, cellist David Speltz, and Owen Burdick on the harpsichord.

While they play on modern instruments, they specialize in music from the late 17th to mid-18th centuries.

Single-performance tickets for the April 26 concert can be purchased at the Music Man and Medical Arts Pharmacy in Ridgecrest and at the Maturango Museum at China Lake. They will also be on sale at the Center Theater box office after 4:45 p.m. on the evening of the program.

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

Named for one of Johann Sebastian Bach's final compositions — written as a tribute to Frederick the Great and based on a theme composed by this monarch — "Musical Offering" has been acclaimed for its virtuosic, exuberant, and stylistic performances of the Baroque literature.

The April 26 concert will include works by Georg Friedrich Handel, Johann Sebastian Bach, George Philipp Telemann, Joseph Bodin de Boismortier, Jean-Philippe Rameau, and Francois Couperin. This engagement is supported, in part, with funds provided by the California Arts Council, a state agency, and the National Endowment for the Arts.

Artists-in-residence at the California Institute of the Arts, "Musical Offering" has performed throughout the United States, Puerto Rico, and Canada. Concerts at the Library of Congress in Washington, D.C., and at Purdue University highlight their future schedule.

The ensemble will also present a student performance at 10 a.m. in the Center Theater on Friday, April 27.

Arrangements have been made for Sierra

Sands School District music students and other groups from public and private schools in the area to attend. Some seating will also be available for the general public.

There is no charge for the student program. It is provided as an educational service of the IWVCA, made possible by contributions to the Student Education Fund.

Happenings around NWC

An open house has been scheduled on Saturday, April 28, from 10 a.m. to 4 p.m. at the China Lake Activities Center (formerly the Station Restaurant), located at the corner of Blandy Avenue and Lauritsen Road.

Groups that share this facility and will be escorting visitors through the building are the China Lake Players, Oasis Garden Club, Navy Wives Club of America, China Lake Photographic Society, Desert Ceramics Club, the Indian Wells Valley Gem and Mineral Society, and the local chapter of TOPS (Take Off Pounds Sensibly).

Additional information can be obtained by calling NWC ext. 3180.

STAGE PLAY CONTINUES

The China Lake Players' production of "The Rainmaker" continues its run tonight and tomorrow night at the Playhouse, corner of Blandy Avenue and Lauritsen Road; curtain time is 8:15. The play will also be staged next week from Thursday through Saturday evenings (April 26 to 28) at the same time.

Reservations are suggested and may be made by telephoning The Music Man, 375-4001. Tickets must be picked up at the theater no later than 8 o'clock on the evening of the performance.

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

MEMBERSHIP NIGHT AT COM

Next Friday, April 27, will be Membership Night for patrons of the Commissioned Officers' Mess. A Mexican food buffet of tacos, bean burritos, and enchiladas, with all the traditional trimmings, will be served from 6 to 9 p.m.

Following the dinner the contemporary

Improvement in service leads to sales increase at Navy Exchange

The Golden Rule of treating customers as you yourself would like to be treated — with respect and courtesy — is the aim of Lt. Karl Schmidt and his staff at the various Navy Exchange outlets.

"We've got to give customers value with confidence in a friendly atmosphere, and we've got to be responsive to their needs and wishes," he says.

That he and his staff are succeeding in this endeavor in all the various Navy Exchange outlets is demonstrated by a steady increase in sales. The benefit to local military personnel and their dependents is double: not only do they enjoy the improved shopping facilities, but also all profits from the NEX go into welfare and recreation funds.

Because of the relatively small numbers of persons who are entitled to use the NEX retail store, Minimart and gas station (only about 1,000 active duty military, their 1,800 dependents, and about 2,000 retirees living with a 25 mile radius), the retail store is classified as a "basic" store.

This, however, does not affect the variety of merchandise that is available to the customer, Lt. Schmidt points out, because the customer can order any item carried by retail stores and it will be shipped here if it is not ordinarily stocked in the store.

In addition, customers can get on the mailing list to receive the advertisements for the special promotional sales — both nationwide and local — so that they will be able to take advantage of the bargains offered.

Through increased cooperation with the Long Beach NEX, other additional merchandise is also being brought for local customers to purchase than would normally be sent to a "basic" store. The uniform shop has also expanded its merchandise.

Services to NEX customers that have been added include fresh flowers, United Parcel Service pickup, and both a tailor and a seamstress.

Everyone who has access to NWC has the opportunity to use the other main group NEX services: the snack bars and the ven-

ding machines.

Patrons of the snack bars are already enjoying the various changes in menus, with the addition of cross-cut potatoes, chicken filets, golden nuggets, Nacho loco, and other fast food items to perk up local appetites.

Vending machine sales are also on the increase because some of the machines are being moved to locations where they will be more convenient to customers. In addition, Lt. Schmidt says, all efforts are being made not only to get current machines repaired promptly when needed, but he is also investigating replacing some of the older and more weary machines with new ones.

"Our customers are very important people," he says. "We're here to meet their needs, particularly to meet the very specialized needs of active duty military personnel, and we're going to continue to try to improve our service to everyone."

Eight homes included on annual garden tour slated April 28

Garden buffs who look forward to the annual tour of local gardens sponsored by the Oasis Garden Club will be able to visit eight Ridgecrest homes on this year's self-guided tour from 9 a.m. to 4 p.m. on Saturday, April 28.

Tickets for the tour are \$2 per person and may be purchased from Oasis Garden Club members, from Means Nursery and from Robert's Hallmark Shop in Ridgecrest, from the Country Feed Barn in Inyokern, or from the Oasis Garden Center on the day of the tour.

Light refreshments will be served at the Garden Center, where plants grown by members of the club will be on sale.

Energy conservation tip

During the summer, and all year around, it is a good idea to thaw frozen foods in the refrigerator. As the food defrosts it helps to reduce the cooling requirements of the refrigerator's motor, and that saves energy.



AK2 James A. Patricola

Patricola gets Bluejacket of Quarter honor

Aviation Storekeeper 2nd Class James A. Patricola has been singled out for recognition as NWC's Bluejacket of the Quarter for the period of January through March 1984.

A veteran of more than 5½ years of service in the Navy, AK2 Patricola is assigned to the Intermediate Maintenance Control Section of the NWC Aircraft Department's Aircraft Support Division.

According to CWO2 G. M. Spriggs, who nominated AK2 Patricola for the Bluejacket of the Quarter honor, "he is an exceptionally talented and resourceful aviation storekeeper who is self-starting, and works extremely well without direct supervision."

NWC's Bluejacket of the Quarter, who is filling a billet normally assigned to a 1st Class Petty Officer, was commended for devoting numerous off-duty hours assisting supported activities and expediting requisitions received from Navy, Marine and Air Force Commands.

"His personal dedication and initiative ensures that the IMRL (Individual Material Readiness List) requisition process is efficient and responsive to the needs of supported activities," CWO2 Spriggs wrote in nominating Petty Officer Patricola as NWC's Bluejacket of the Quarter.

By thorough research and communication, he has been able to save NWC several million dollars by carefully screening unwarranted requisitions dating back as far as three years, CWO2 Spriggs added.

Most recently, AK2 Patricola assisted in the formulation of a first-time-ever IMRL budget covering millions of dollars worth of aircraft support equipment requirements.

Petty Officer Patricola is in charge of requisitioning and follow-up on obtaining a large variety of items that could range, for example, from a tow truck to an electronic test box, he said.

(Continued on Page 2)



SOFTWARE ENGINEERING EXPERT — B. W. Hays, NWC Technical Director (at left), congratulates James Dorrell as he presents a letter of commendation and Technical Director Award to Dorrell. The latter was singled out for this honor in recognition of his outstanding contributions in the field of software engineering for both in-house and industry-developed missiles.



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NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

NAVMAT's Navy Superior Civilian Service Award presented to Dr. Richard Kistler

Presentation of the Navy Superior Civilian Service Award to Dr. Richard Kistler, head of the Office of Finance and Management (Code 08), highlighted the opening portion of this week's meeting of department heads and other senior officials of the Naval Weapons Center that was held in the Management Center of Michelson Laboratory.

This award, which is the Navy's second highest honorary award, included a commendation certificate, a medal and lapel bar that were presented to Dr. Kistler by Capt. K. A. Dickerson, NWC Commander, on behalf of Admiral S. A. White, Chief of Naval Material.

The honoree was cited for his outstanding contributions to the development of financial and managerial policies while serving at the Naval Weapons Center for the past 22 years.

In a message from Admiral White that accompanied the Navy Superior Civilian Service Awards the Chief of Naval Material wrote: "As a consultant and advisor in financial management to the Naval Material Command, you (Dr. Kistler) are often sought out to provide policy guidance to headquarters in terms of impact on the laboratories."

"Your support of the development and training opportunities for senior administrative staff members has greatly enhanced the caliber and perspective of the administrative personnel of NWC," the CNM added.

Capt. Dickerson complimented Dr. Kistler for being his right-hand man and

Technical Director Award

James Dorrell cited for software engineering work

The NWC Technical Director's Award, recognizing an outstanding contribution in the field of software engineering, was presented recently by B. W. Hays to James Dorrell, an employee in the Missile Software Branch (Code 3922) of the Weapons Development Department's Weapons Development Division.

Dorrell was commended not only for developing software guidelines for the Weapons Department and his involvement in writing software plans and documents for in-house missile projects, but also for his valuable aid as chairman of the Configuration Management Panel for the critical

design review of the Tomahawk Weapon Control System.

The NWC employee had been asked to serve in this latter capacity by Don Langkamp, of the Joint Cruise Missile Project Office in Washington, D.C.

Presentation of the Technical Director Award, which consists of an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award, took place in Stran Steel Building 1 before an audience of Dorrell's co-workers.

Also present to offer their congratulations were Capt. K. A. Dickerson, NWC Commander; Gerry Schiefer, Deputy Technical Director; and Dillard Bullard and Wayne Doucette, who are the honoree's department head and division head, respectively.

According to Bullard, who nominated Dorrell for the Technical Director Award, the Configuration Management Panel for the critical design review of the Tomahawk Weapon Control System, was instrumental in assessing the software design status and in formulating important guidelines for software development.

In recommending Dorrell for this honor, Bullard also noted that Dorrell conducts training classes and seminars on basic software management and development for the NWC Personnel Department. Students who attend these classes are given instruction in the principles of software acquisition, control, testing and validation as described in Military Software Standard 1679.

There has been an increase in the number of personnel at NWC involved in developing software and an increase, as well, in the number of regulations and instructions governing this work. To facilitate informa-

HIGHLY HONORED — Capt. K. A. Dickerson, NWC Commander, congratulates Dr. Richard Kistler to whom the Skipper presented the Navy Superior Civilian Service Award. The presentation was made by Capt. Dickerson on behalf of Admiral S. A. White, Chief of Naval Material.

— Photo by PHAN Rebecca Gill

principal staffer, and also for providing dynamic leadership — particularly in the areas of life-cycle weapons systems cost analysis, the sensitive subject of Commercial Activities discussions and study, and the Civil Service Reform Act

Demonstration Project.

Dr. Kistler joined the civilian work force at China Lake in 1962, while he was working on his PhD. in management science, which he received from Stanford University in 1964.

(Continued on Page 4)

tion exchange, help promote the sharing of ideas, and to increase productivity, the Weapons Department established a Software Forum.

Dorrell was one of the key personnel involved in the formation and continuing functioning of this forum, which meets monthly for presentations on subjects of value to those involved in software management and related fields and to review on-going work in other departments, in addition to Code 39.

Dorrell was singled out by his department head as the individual responsible for developing software guidelines for the Weapons Department. These guidelines run the gamut from acquisition management, data management and configuration management policies to procedures for implementation of configuration control programs for software elements of evolving weapon systems.

In addition, the Technical Director Award recipient is heavily involved in Weapons Department missile projects.

He has the responsibility for writing software plans and documents for in-house development such as the Vertical Launch Anti-submarine Rocket Software Life Cycle Management Plan, and the QF-4 Full Scale Aerial Target Software Configuration Management Plan.

In addition, Dorrell reviews software documents for industry-developed programs, such as the Anti-Submarine Warfare/Standoff Weapon, the Medium Range Air-to-Surface Missile Inertial Sensor Assembly (laser gyro), and the Cruise missile.

Dorrell also is providing direction in the formulation and implementation of the software.

(Continued on Page 2)

Easter Services

Following is the schedule of Catholic and Protestant services during the remaining portion of Holy Week, beginning today and ending on Easter Sunday. All services will be held in the Main Chapel.

CATHOLIC CONGREGATION
Good Friday, Mass of Passion and Death of the Lord, 4:30 p.m.
Holy Saturday, Easter Vigil, 7 p.m.
Easter Sunday, Easter Mass, 8:30 a.m.

PROTESTANT CONGREGATION
Easter Sunday, Service 10 a.m.

Bluejacket of Quarter . . .

(Continued from Page 1)

The NWC Bluejacket of the Quarter joined the Navy in August 1978 at Newark, N.J., and, following basic training at Orlando Fla., attended A School at Meridian, Miss.

For the next three years, until the latter part of 1982, he was assigned to Attack Squadron 72, home-based at Cecil Field, Fla., but, deployed from July 1980 through March 1981 on board the aircraft carrier John F. Kennedy on a cruise to the Mediterranean.

Since being transferred to the Naval Weapons Center in August 1982, AK2 Patricola was sent to C School in San Diego in order to qualify as a repairable management specialist.

Before joining the Navy, he attended East Carolina University for a year, and (while in the Navy) has taken extension division courses offered by Southern Illinois University in preparation for earning a bachelor's degree in aviation management (how to run a commercial airport).

While at China Lake, AK2 Patricola, met and last October married his wife, Edy.

TD Award

(Continued from Page 1)

ware program for the AIM-9M Sidewinder Product Improvement Program.

Dorrell, who sees his main purpose as providing support services for project managers, joined the work force at China Lake in June 1974, after spending a period of seven or eight years employed by contractors doing work for NWC from facilities located in Ridgecrest.

Assigned to a data management job in the Engineering Department, he was involved principally in data management and configuration management work for the Harpoon Missile and High Speed Anti-radiation Missile programs.

Among the highlights of his work career was a year (1978 to '79) on long-term TDY to the Joint Cruise Missile Program Office in Washington, D.C., where his primary job was to integrate the contract and data requirements and the procurement of software and documentation for the Joint Cruise Missile.

Upon leaving the nation's capital, he spent a year at the Pacific Missile Test Center, Point Mugu, where he was involved in implementing the Cruise Missile configuration management program prior to returning to China Lake and his present job in July 1980.

The Rocketeer

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NWC Commander

B. W. Hays
Technical Director

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Phones 2354, 2355

Promotional opportunities

Applications (Standard Form 171) should be 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. Advertising positions 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 1-118; those for all wage system positions are those defined in OPM Handbook C-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. 25-041, Lead, Purchasing Agent, GS-1105-7, PD No. 842506M, Code 2222 — This Lead, Purchasing Agent position is located in the Small Purchase Branch of the Contracts Division, Supply Department. The incumbent is responsible for providing all post award functions on orders placed by the branch, including modification, monitoring vendor performance, issuing correspondence to deliverables, and identifying habitually delinquent contractors. The incumbent oversees a number of official files including modifications, NTE orders, bilateral orders, and BPA files. The incumbent also oversees the follow-up function of each of the purchase teams in the section. The incumbent will be using a state-of-the-art On-line Automated Supply Information System (OASIS) to accomplish these tasks. The incumbent acts as a team leader over approximately five purchasing agents during the absence of a team leader. Job Relevant Criteria: Knowledge of business procedures; ability to deal effectively with personnel at many levels; ability to work without close supervision; potential to utilize a computer terminal and management information system.

Announcement No. 25-042, Lead, Purchasing Agent, GS-1105-4/7, PD Nos. 825018N, 825034N, Code 2222 — This Lead, Purchasing Agent position is located in the Small Purchase Branch of the Contracts Division, Supply Department. The incumbent is responsible for providing the entire range of small purchase support to a customer assignment. This includes procuring standard commercial items as well as specialized equipment, material, and services. Purchase are made both within the local market area and throughout the United States. The incumbent reviews the purchase description, determines its adequacy, and selects the appropriate method of purchase. The incumbent will be using a state-of-the-art On-line Automated Supply Information System (OASIS) to accomplish these tasks. The incumbent acts as a lead over approximately five purchasing agents, assigning work, providing training and resolving problems. Job Relevant Criteria: Knowledge of business procedures; ability to deal effectively with personnel at many levels; ability to work without close supervision; potential to utilize a computer terminal and management information system.

Announcement No. 26-028, Specification Writer/Editor, GS-1083-2, PAC No. 842603R, Code 2638 — This position is located in the Planning Branch, Engineering Division, Public Works Department. The incumbent prepares documentation for projects, site approvals, reports and budgets as required by the Navy's Shore Facilities Planning Systems. The incumbent is responsible for coordinating the efforts of Levels I and II associates on facility projects; and coordinates the planning of new facilities of widely varying complexity in support of the Center's mission. Job Relevant Criteria: Ability to write and edit technical specifications associated with the planning and development of construction projects; ability to interact effectively with personnel at all organizational levels; and knowledge of a variety of building functions, layout requirements, space relationships.

Announcement No. 26-029, Automotive Transportation Specialist, DA-2150-2, PAC No. 8326027, Code 249 — This position is located in the Facility Operations Section, F-18 Facility Branch, Avionics Facilities Division of the Aircraft Weapons Integration Department. The incumbent will perform as a senior software engineer in the development, maintenance and testing of F-18 simulation and DEC system software. The prime function of this position will be to analyze, maintain and improve the existing system and simulation software on the Simulation Work Station. In addition, the incumbent will be required to design, document, code and apply application software (e.g. models, I/O drivers) as required for the VAX based Validation Work Station. The incumbent will conduct design reviews and code walkthroughs as part of his/her assignments. Job Relevant Criteria: Knowledge of avionics systems; ability to plan, schedule, coordinate technical work as part of a major project; ability to communicate well both orally and in writing; experience in formalized software engineering development and maintenance standards and practices; experience in Fortran and other HOLIS; experience in DEC PDP and VAX operating systems and utilities. If the position is filled as a DP-2, promotion potential will be to a DP-3, but is not guaranteed. Applications will be accepted from status eligibles.

Announcement No. 31-033, Computer Specialist, DP-334-2, PAC No. 8431223, Code 3107 — This position is located in the F/A-18 Weapon System Support Activity (WSSA), the Aircraft Weapons Integration Department. The WSSA is responsible for the technical management of the weapon system software life cycle support for USAF and Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will plan and manage a comprehensive support program for an FMS customer. This incumbent will task and coordinate the efforts of various NWC branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR specification. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. Job Relevant Criteria: Knowledge of tactical embedded computer systems; knowledge of aircraft and/or avionics systems; ability to work with all levels of management; ability to communicate well, both orally and in writing.

Announcement No. 31-034, Interdisciplinary, General Engineer-801, Electronics Engineer-855, Computer Scientist-1550, Physicist-1310, Mathematician-1520, Aerospace Engineer-861, Mechanical Engineer-835, DP-3, PAC No. 8431822, Code 3107 — This position is located in the F/A-18 Weapons System Support Activity (WSSA), Air Force (Continued on Page 7)

Announcement No. 00-035, Secretary (Typing), GS-318-4/5, Code 02 — This is an intermittent position located in the Office of the Laboratory Director and provides support to that office.

Announcement No. 12-065, Secretary (Typing), GS-318-5/6, Code 122 — This position is located in the Weapons and Tactics Analysis Center of the Weapons Planning Group, and provides support to that office.

Announcement No. 31-036, Secretary (Typing), Part-time, 30 hrs. per week, 4 hrs. per day, GS-318-5/6, Code 3152 — This position serves as secretary to head, Human Factors Branch.

Announcement No. 34-125, Secretary (Typing), GS-318-4/5, PD No. 813601N, Code 3404 — This position is located in the F/A-18 Weapons System Support Activity (WSSA), Engineering Department. The incumbent provides common secretarial support to the Deputy Program Manager. This is a read, verbatim and previous applicants need not reapply.

Announcement No. 39-020, Secretary (Typing), GS-318-5/6, Code 39E — This position is located in the Advanced Projects Office of the Weapons Department, and provides support to that office.

position is located in the Transportation Division, Public Works Department. The incumbent compiles information, maintains records, and prepares special reports pertaining to acquisition, procurement, disposition, utilization, assignment, loan and rental, and operating and maintenance costs. Job Relevant Criteria: Ability to communicate effectively orally and in writing; ability to prepare and analyze special reports; a general knowledge of procurement regulations.

Announcement No. 24-030, Transportation Manager, DA/DP-1401-3, PAC No. 832600E, Code 249 — This position serves as the head of the Transportation Division, Public Works Department. Duties include management of transportation maintenance and operations at NWC; this function includes: technical representative for contractual operations/maintenance; direct liaison to the Naval Facilities Engineering Command; full spectrum management of transportation resources including contracts monitoring, material/equipment acquisition, planning, scheduling and analysis of transportation program requirements. Job Relevant Criteria: Knowledge of transportation operations and maintenance management requirements; ability to implement effective supervisory and managerial policies, (including EEO objectives); ability to plan, allocate and coordinate resources such as billets, manpower, funds, facilities and equipment.

Announcement No. 24-031, Supervisory Housing Management Specialist, DA-1173-2, Code 245 — This position is located in the Housing Division, Public Works Department. The incumbent is responsible for the housing referral service, requirements survey, inventory, utilization and collections. Job Relevant Criteria: Ability to direct subordinate staff; interest in and potential to manage people problems (EEO); general knowledge of accounting procedures; ability to analyze and prepare special reports.

Announcement No. 31-017, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, DP-2/3 1550-1310; 855-1520, PAC No. 8431581, Code 31144 — This position is located in the Facility Operations Section, F-18 Facility Branch, Avionics Facilities Division of the Aircraft Weapons Integration Department. The incumbent will perform as a senior software engineer in the development, maintenance and testing of F-18 simulation and DEC system software. The prime function of this position will be to analyze, maintain and improve the existing system and simulation software on the Simulation Work Station. In addition, the incumbent will be required to design, document, code and apply application software (e.g. models, I/O drivers) as required for the VAX based Validation Work Station. The incumbent will conduct design reviews and code walkthroughs as part of his/her assignments. Job Relevant Criteria: Knowledge of avionics systems; ability to plan, schedule, coordinate technical work as part of a major project; ability to communicate well both orally and in writing; experience in formalized software engineering development and maintenance standards and practices; experience in Fortran and other HOLIS; experience in DEC PDP and VAX operating systems and utilities. If the position is filled as a DP-2, promotion potential will be to a DP-3, but is not guaranteed. Applications will be accepted from status eligibles.

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Announcement No. 39-020, Secretary (Typing), GS-318-5/6, Code 39E — This position is located in the Advanced Projects Office of the Weapons Department, and provides support to that office.

Burros slugged by Palmdale . . .

(Continued from Page 6)

followed, but Daniel Means drove a ground ball at the Palmdale short stop, who threw wildly to second base in attempt to force out Celestine, who was on the move from first.

With Celestine and Means on base, Mark Kaupp hit a hard grounder that caromed

Thrifty Wash team wins championship of Premier League

The Thrifty Wash kegglers, winners by a 1-point margin of 13 to 12 over the second place Elks Lodge squad, finished the season Monday night as champions of the Premier (scratch) League.

The league's final standings show the Thrifty Wash team on top by a margin of 17 points over the Elks, while the Hideaway bowlers placed third, 7 points behind the Elks.

High team game on the final night of the season was a 990 rolled by the Elks Lodge, while the Sport Shack kegglers banged out the high team series with a total pinfall of 2899.

Individual honors were garnered by Mike Dowd, who had a triple 200 series score of 663 that was built on single game totals of 224, 223 and 216.

Other Premier League bowlers whose scores topped the 600 series mark were Barney Brush (632), Bob Hooper (621), Gary Barnes (607), and Tracy Brandt (601).

In addition to Dowd, Premier League bowlers with single game scores of more than 220 were Ed Donohue (243), Brush (236), Hub Zimmerman (235), Hooper (226), Dave Vander Houwen (224), Larry Nolan (223), and Jim Dillon (222).

Final standings in the Premier League are:

Team	Won	Lost
Thrifty Wash	437	313
Elks Lodge	420	330
Hideaway	413	337
Bugby Bath	393.5	356.5
Modern Trophy	380.5	369.5
Joseph's Italian Gardens	363	387
Sport Shack	344	406
Olympia Beer	336.5	411.5
The Place	336.5	413.5
Raytheon Sidewinders	324	426

China Lake Ladies' Golf Club schedules invitational tourney

The China Lake Ladies' Golf Club will hold its 25th anniversary invitational golf tournament starting at 9 a.m. on Wednesday, May 2. Invitations to participate have been extended to members of 23 clubs of the Women's Amateur Golf Association of Southern California.

This is a partner's best-ball tournament, playing to a maximum handicap of 39 and a maximum 10-point spread between partners. Both A and B flights are planned, as well as a hostess flight. Prizes will be awarded for low gross and low net in each flight, plus the next five lowest scores in each flight.

The \$30 per person entry fee includes a continental breakfast on the day of the tournament, use of a cart, green fees, snacks on the course, and the award luncheon that will be held at the Golden Frog restaurant in Ridgecrest following the tournament. The registration fee also includes a complimentary practice round on Tuesday, May 1.

Registrations can be either mailed or taken to Joyce Siebold, 506 California St., Ridgecrest, CA 93555, by Monday, April 23.

Table tennis tourney for military personnel slated

The Southern Pacific Sports Conference men's and women's table tennis championship has been scheduled May 7 to 11 at the Naval Station, San Diego.

This event is open to active duty military personnel only. China Lakers interested in participating must notify Paul Baczekiewicz, head of the Recreational Sports Department's Sports Division, no later than Wednesday, April 25.

off the Palmdale third baseman and out into center field — allowing Celestine to score from second base. Two ground outs by Blecha and Lewis of Burroughs ended the game.

The Falcons 17-hit barrage was led by Craig Tami's home run and a double, as well as a homerun by Lorin Jundy and a double by Leon Hunsaker.

Long ball hitters for the Burros were Steve Barkley, who had a 3-base hit in the fourth inning, but was stranded there when the next batter popped out; and a two-base blow by Dan Allen in the sixth inning.

Higgins, the game-winning pitcher for Palmdale, limited the Burros to 6 hits, struck out 4, and walked 3.

Promotional opportunities

(Continued from Page 2)

Crack Weapons Integration Department. The WSSA is responsible for the technical management of all weapon system software life cycle support for USAF and Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will plan and manage a comprehensive support program for an FMS customer. This incumbent will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR spec. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. Job Relevant Criteria: Knowledge of tactical embedded computer systems; knowledge of aircraft and/or avionics systems; ability to work with all levels of management; ability to communicate well, both orally and in writing.

Announcement No. 31-035, A-4 Deputy Program Manager; Electronics Engineer, DP-855-3/4, PAC No. 843144E50, Code 3104 — The Deputy Program Manager, A-4 Program Office, is responsible for all project technical activities. This includes the weapon integration task, system engineering tasks, sub-system engineering and tactical software engineering tasks. In addition, incumbent is responsible for the development and utilization of the Weapon System Support Facility which is used for the verification, validation, functional integration testing and performance assurance testing of the NAVAIR delivered operational flight programs. Responsible for the development of plans, schedules, budgets and manpower estimates for tasks assigned to incumbent or supporting engineering staff and for tracking progress and expenditures in relation to the plans and schedules. Job Relevant Criteria: Knowledge of all the hardware and software aspects of avionics systems and subsystems; understands the operational software development process; familiar with digital computer simulation; Center support functions; ability to deal effectively with all levels of personnel inside and outside the government; if filled at the DP-3 level, position has potential to the DP-4 level; however, promotion is not guaranteed. Only current DP-3s and DP-4s may apply.

Announcement No. 31-036, Interdisciplinary, General Engineer, Electronics Engineer, Physicist, Mathematician, Computer Scientist, DP-801, 830, 855, 856, 861, 1310, 1520, 1550-3/4, PAC No. 843144E50, Code 3104 — These positions are located in the Weapon System Support Office (WSSO), Aircraft Weapons Integration Department. The WSSO provides data management, configuration management and quality assurance support to the computer software development and maintenance projects of the WSSO. Projects supported include the A-4, A-7, A-8, F/A-18, A-6, A-7, A-1, and Versatile Computing System (VCS). The incumbent may be assigned as task leader of the WSSO Software Product Assurance (SPA) effort for a project, or as a software configuration manager on one or more of the projects listed above. Task leader vacancies exist on the A-4, A-7, A-8, A-6 and VCS projects. There are multiple CM and QA vacancies. The task leader is responsible for planning, review, liaison, reporting and management of the project SPA effort, including direction of SPA task team member efforts. The CM/QA engineer is responsible for detailed planning and execution of SPA tasks on a project. SPA task elements include CM/QA plans and procedures, CM/QA methods and computer-based tools, reviews and audits of in-house/contractor compliance with SPA principles and requirements, status configuration identification, configuration status accounting, change control/processing, functional/physical configuration audits, software quality analysis, plans and procedures for and conduct of quality testing, and product quality certification. The scope of the incumbent's assignment is based on the individual's education and experience. Job Relevant Criteria: Knowledge and experience with DoD, Navy and Center computer software management, acquisition, design, documentation and review policies/procedures; knowledge and experience in structured analysis, specification, design, development, test and documentation of computer programs; knowledge of real-time systems using higher level computing languages; knowledge and experience in software configuration management and/or quality assurance; ability to plan, schedule, budget and carry projects/tasks through to completion; ability to communicate effectively in writing and orally; and ability to direct/work harmoniously and effectively with teams of multi-disciplined military, contractor and civilian personnel.

Announcement No. 31-037, Computer Specialist, Computer Systems Analyst, Quality Assurance Specialist, DP-318, 319, 320, 321, Code 3107 — These positions are located in the Weapons System Software Office (WSSO), Aircraft Weapons Integration Department, and there are multiple vacancies. WSSO provides data management, configuration management and quality assurance support to the computer software development and maintenance projects of the department. Projects supported include the A-4, A-7, A-8, F/A-18, A-6, A-7, A-1, and Versatile Computing System (VCS). The incumbent will perform software product assurance (SPA) efforts involving configuration management (CM) and quality assurance (QA) efforts involving configuration management, test and documentation of computer programs, reviews and audits of in-house/contractor compliance with SPA principles and requirements, software configuration

identification, configuration status accounting, change control/processing, functional/physical configuration audits, software quality analysis, plans and procedures for and conduct of quality testing, and product quality certification. The scope of the incumbent's assignment is based on the individual's education and experience. Job Relevant Criteria: Knowledge and experience with DoD, Navy and Center computer software management, acquisition, design, documentation and review policies/procedures; knowledge and experience in structured analysis, specification, design, development, test and documentation of computer programs; knowledge of real-time systems using higher level computing languages; knowledge and experience in software configuration management and/or quality assurance; ability to plan, schedule, budget and carry projects/tasks through to completion; ability to communicate effectively in writing and orally; and ability to direct/work harmoniously and effectively with teams of multi-disciplined military, contractor and civilian personnel.

Announcement No. 31-037, Supervisory Mathematician, Physicist, Electronics Engineer, Computer Scientist, Electronics Engineer, 1520, 1310, 801, 1550, 855, DP-3 PAC No. 843144E50, Code 3104 — This position is that of head, Data Analysis Branch, System Integration and Evaluation Division, Code 314, Aircraft Weapons Integration Department. The Data Analysis Branch is responsible for development of systems for (1) analysis and presentation of aircraft and range test data; (2) development, implementation, and maintenance of data base management systems; (3) processing, reduction, and analysis of data from laboratory, ground and flight testing of avionics/weapon systems of the WSSAs and other projects; (4) specification, development, maintenance and use of methods, tools and procedures for accomplishment of data analysis functions. Job Relevant Criteria: Knowledge and understanding of physical systems and avionics; knowledge of data analysis techniques and systems; knowledge of operational software development and testing; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel within and outside the government at various organizational levels; ability to communicate effectively, both orally and in writing; interest in an potential to manage and motivate people; a willingness to support NWC's EEO policies.

Announcement No. 31-039, Interdisciplinary Supervisory Generalist, Electronics Engineer-855, Physicist-1310, DP-3/4, PAC No. 843144E50, Code 3104 — This position is head, Targeting Division, Aircraft Weapons Integration Department. The division specializes in theory, analysis, design, development, and test and evaluation of targeting technology and systems for surveillance, search and track, detection, recognition, classification, and identification; the division develops and demonstrates targeting systems for tactical fighter/attack aircraft, and signal processing techniques to support targeting and target classification capabilities. The incumbent is responsible for the overall direction, coordination and management of division activities, and the determination of division policies and development of long-range plans and strategies. Job Relevant Criteria: Knowledge of targeting technology and mission requirements applicable to laser, passive and active IR and RF targeting systems, image and signal processing methodology, pattern recognition, artificial intelligence, classification, computer trade and software systems, system development and integration as applied to air and surface targeting systems. Demonstrated ability to supervise and provide leadership to multidisciplinary professionals; ability to communicate effectively both orally and in writing; ability to plan and coordinate; ability to interface effectively with NWC management, Systems Commands, other DoD agencies, and contractors; skilled in interpersonal relationships and support of EEO program goals and objectives. If filled at the DP-3 level, position has potential to the DP-4 level; however, promotion is not guaranteed. Only current DP-3s and DP-4s may apply.

Announcement No. 39-015, Mechanical Engineer, DP-830-3, PAC No. 8439533E, Code 3941 — This position is located in the Sensors and Platforms Branch, Electro-Optics Division, Weapons Department. The incumbent provides a lead engineering role in the mechanical design, analysis, fabrication, and test of seeker platforms for advanced optical, radar, and dual mode guidance systems. Duties include, but are not limited to, seeker platform design, development and test, and project engineering. Job Relevant Criteria: Experience in mechanical design and analysis; ability to transfer a design concept into a functional mechanism; ability to plan and communicate effectively both orally and in writing. A general knowledge of structural and thermal analysis, control theory and optical theory are desirable.

Announcement No. 36-127, Peermachinist, WG-3414-08, JD No. 637N, Code 3646 — (2 vacancies) These positions are located in the CAM Branch, Engineering Prototype Division, Engineering Department. This is a training program on the employee's previous experience, training, and skill. The incumbent provides conventional and NC/CNC machine tools, including lathe, milling machines, saws, drill presses, and grinding machines. Does simple NC programming, machines and grinds metals, metal alloys, and nonmetallic parts; makes minor machine adjustments and setups. Checks work output against drawings and specifications. Performs general branch work using hand tools. Job Relevant Criteria: Ability to set up and operate NC/CNC and conventional machine tools; ability to write simple APT programs and enter into UNIVAC computer through a terminal; ability to use hand and power tools; ability to check work orders; ability to follow instructions in the form of shop orders, blueprints, sketches, and verbal instructions. Promotion potential to WG-11 Machinist.

Announcement No. 39-014, Mechanical Engineer, DP-830-2, PAC No. 8439533E, Code 3941 — This position is located in the Sensors and Platforms Branch, Electro-Optics Division, Weapons Department. The incumbent provides mechanical design, analysis, fabrication, and test of various seeker platforms, including advanced optical, radar, and dual mode guidance systems. Duties will include, but are not limited to, detailed platform design, structural and thermal analysis, hardware development and test. Job Relevant Criteria: Ability to conduct detailed mechanical design, integration, and associated analysis; ability to communicate orally and in writing. General knowledge of optical and control theories is desired.

Announcement No. 39-017, Interdisciplinary (General/Electronics/Mechanical Engineer/Physicist), DP-801/855/830/1310-2/3, Code 39027 — This position is located in the Pre-procurement Office of the Weapons Department. The incumbent acts as the Weapons Department's chief interface with contracting personnel in the Supply Department for major procurement contracts. procurements encompass technology base through production support contracts. Primary emphasis is on guidance and control components and electronic and precision electro-mechanical devices. The incumbent will prepare statements of work, sole source justifications, ADPE requirements, and other supporting documents based on inputs from requiring technical personnel and the Contract Specialist and assist in facilitating the procurement process for the department. The incumbent will be responsible for developing the Weapons Department short- and long-range requirements into contract requirements. The incumbent will work closely with program offices and senior technical personnel. Job Relevant Criteria: Ability to translate technical requirements into contract requirements; knowledge of contracting procedures; ability to communicate effectively, both orally and in writing; ability to interface with senior management personnel in the department.

Announcement No. 31-038, General, Mechanical, Electrical, Electronics, Aerospace Engineer, Physicist, Mathematician, Computer Scientist, DP-801, 830, 855, 856, 861, 1310, 1520, 1550-3/4, PAC No. 843144E50, Code 3104 — This position is that of head, Embedded Computing Technology Office, Avionics Facilities Division, Aircraft Weapons Integration Department. This office is responsible for coordinating Center technology base work for pursuit of Navy/DoD technology funding to support embedded computer applications. Specific functions include: providing technical liaison to Navy/DoD technology base programs and organizations, promoting the effective transfer and utilization of new computing hardware and software technology to current and future Center embedded computer systems, and advising as appropriate the ADP Executive Council, the Director of Computing Applications, the Software Acquisition Support Office, and the Training Division. A steering committee comprised of representatives from Codes 33, 35, 36, 38, and 39 aids in promoting technical interchange and technology planning among the Center's departments in disciplines relating to the development and support of mission critical systems. Job Relevant Criteria: Knowledge of embedded computer systems; knowledge of operational software development; computer architecture and support systems development; ability to deal effectively with sponsors at SYSOCOM and ONR; ability to communicate with technical experts both in and outside government. If filled at DP-3 level, position has potential to the DP-4 level; however, promotion is not guaranteed. Only current DP-3s and DP-4s may apply.

Announcement No. 31-037, Supervisory Mathematician, Physicist, Electronics Engineer, Computer Scientist, Electronics Engineer, 1520, 1310, 801, 1550, 855, DP-3 PAC No. 843144E50, Code 3104 — This position is that of head, Data Analysis Branch, System Integration and Evaluation Division, Code 314



China Lakers place 2nd in doubles of MDISL bowling event

A second place finish in the doubles competition topped the performance of a six-man military and civilian team that represented NWC in the Mojave Desert Inter-service League (MDISL) bowling tourney held recently at March Air Force Base in Riverside.

The duo of Dave Reimers (647) and Pat Nalley (624) were runners-up in the doubles event with their combined score of 1,281.

Other China Lakers, and their scores in the doubles, were Larry Nolan (503) and Tracy Brandt (517) for a 1020 total; and John Ball (486) and Thad Brightwell (561) for a total of 1047.

The NWC team posted a 15-game total of 2657 in the team competition that was won by the Vandenberg Air Force Base kегlers, who rolled a 2907.

Individual three-game totals for the China Lakers in the team event were Nolan (454), Brandt (555), Brightwell (569), Reimers (521), and Nalley (558).

Janet Pandy winner of Ladies' Golf Club Pres. trophy tourney

Sometimes trouble seems to come in bunches, and it did last Friday for Hawkins, and other BHS hurlers as well. In the top of the fourth, the visitors from Palmdale loaded the bases on two hits, a sacrifice bunt that went for an out, and a walk.

Mark Clark was put into the game to relieve Hawkins, but couldn't find the strike zone and walked the first batter he faced to force in a run. Clark next was in the direct path of a hard grounder that bounced off his shin and drove in a run as he hobbled in pain, but then resumed his pitching chores clubhouse.

The winner's name in this low net score tourney is engraved on the perpetual trophy — a large brass plaque that is kept on display in the trophy case at the golf course clubhouse.



ACE BOWLER — AZI Dave Reimers returned to China Lake recently with two trophies after competing in the Southern Pacific Sports Conference military bowling tournament held in San Diego. Out of more than 200 entrants in this event, AZI Reimers placed third with an overall pinfall of 4,666 for 24 games. He received a trophy for this feat, in addition to a second award for rolling the tourney's high series score of 672. AZI Reimer's high series was built on single game scores of 162, 246 and 264.

Burros varsity nine trampled 15-1 by Palmdale

Curtis Albright, second baseman for the visiting Palmdale Falcons, connected for a slashing single down the third base line on the first pitch of the Burroughs vs. Palmdale varsity baseball game last Friday afternoon.

While not significant in and of itself, it turned out to be the pattern for a game during which the Burros were outlit 17-6 while dropping their sixth Golden League contest in nine games so far this season.

The final score was 15-1 in favor of the Falcons, who worked over four Burroughs High School pitchers enroute to hanging 1984's most lopsided defeat on the Ridgecrest team.

TWO ROAD GAMES COMING UP

Two more league games on the road are coming up next week for the Burros, who will be at Quartz Hill on Tuesday and in Lancaster next Friday, April 24, for a rematch with the Antelope Valley High School varsity nine. The starting time is 3 p.m. for both games.

David Hawkins, starting pitcher for Burroughs in the Palmdale game, also was touched for a solid hit to centerfield by Rod Higgins, a pitcher who bats in the No. 2 spot in the Falcons' batting order, and a single to left field that loaded bases with no outs in the visitors' first time at bat.

A fly ball hit to the outfield drove in Albright with the game's first run, and Higgins crossed the plate moments later on a single off the bat of Mike Vandiver.

BACK-TO-BACK HOME RUNS

The Falcons' fast start — two runs on three hits in the first inning — did not bode well for Hawkins, who also gave up a pair of runs to Palmdale in the third inning on back-to-back circuit clouts by Craig Tami and Lorin Jundy.

As if that wasn't tough enough on the Burros, the Falcons batted around in the fifth inning during which they scored another 5 runs on 7 hits. A double by Tami that drove in two runs was the big hit of the inning. Jeffries hung in there, however, and got three Palmdale batters via the strikeout route to retire the side, but not before the Falcons' lead had skyrocketed to 13-0.

Jon Truitt took over the pitching duties for the Ridgecrest team in the top of the sixth inning and finished the game. He was

Tornadoes edge Rogues in Div. III youth soccer

A 4-3 win by the Tornadoes over the Rogues highlighted last Saturday's action at Kelly Field for teams competing in Div. III of the Youth Soccer League.

In a close, hard-fought game two goals each by Will Freeman and Marc Frisbee provided the margin of victory for the Tornadoes, while the Rogues had the misfortune of having one goal cancelled because of an off-sides ruling. In addition, the ball bounced off the crossbar on two near misses by the Rogues.

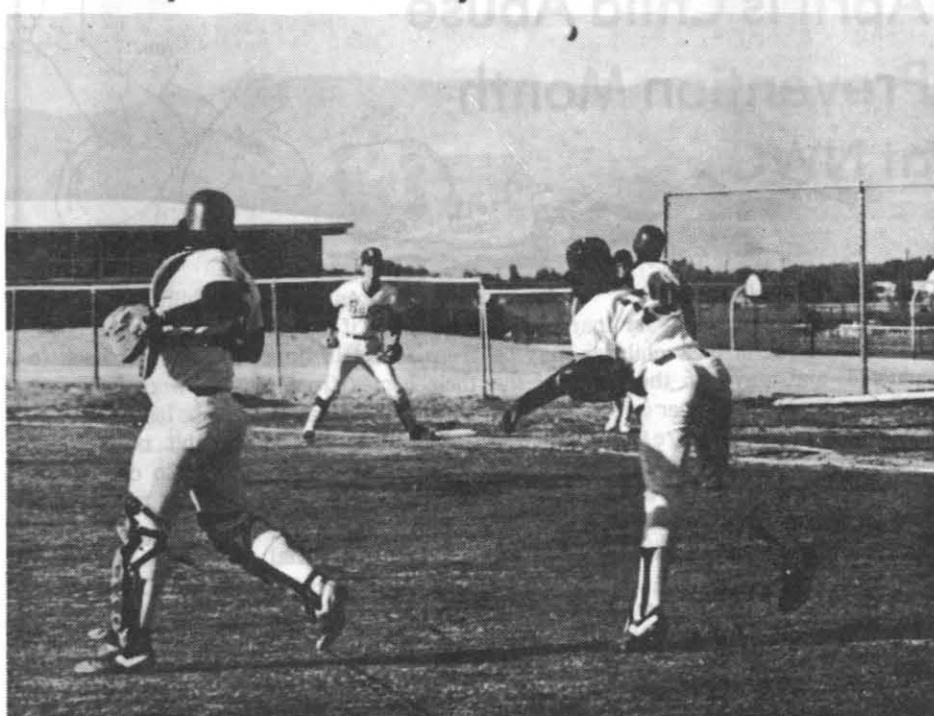
Jay Frederick, Freeman and Frisbee were credited with assists on the 4 goals tallied by the Tornadoes. The Rogues' scores came on shots into the net by Ralph Jorgenson, Jacob Jones and Tim Castleberry.

In another Close Div. III tilt, the Kicks edged the Diplomats 2-1. Kevin Collie (assisted by Kristin McCrory) and Steve Mills (assisted by Collie) accounted for the two goals scored by the Kicks, while Daniel Hobson tallied the lone goal for the Diplomats.

Jeff Jones played a key role in the win for the Kicks by preventing a first half goal on a penalty kick by the Diplomats. Fine play by Lamont Dawson, goalie for the Diplomats, helped to hold down the scoring by the Kicks.

Scores of two other Div. III games were Sounders 5, Roughnecks 1, and Whitecaps 7, Surf 0. The latter contest featured four goals by Armando Valdivia, two by David Caraker, and one by Tim Pogge of the Whitecaps.

Topnotch passing and good examples of team members playing their position led to two goals by Scott Becker (assisted by Pat Rindt and Adam Drybread) and a third tally



RUNNER ADVANCES — A sacrifice bunt by Daren Green, of Palmdale, was fielded by Larry Jeffries, BHS pitcher, and fired to Mark Kaupp at first base in time to put out Green during last Friday's Palmdale vs. Burroughs varsity baseball game. The sacrifice did move a Falcon base runner to second and he later scored the first of four runs tallied by the Falcons in the fourth inning. At left watching the play at first base is Dan Allen, catcher for Burroughs.

only to give up an RBI single to left field by Jundy.

With three runs in, the bases still loaded and just one out, Larry Jeffries was sent to the mound to replace Clark and he, too, walked the first batter he faced. A double play, initiated by Kevin Blecha at third base, retired the side, but not before the Falcons had scored four runs in the fourth inning and increased their lead to 8-0.

As if that wasn't tough enough on the Burros, the Falcons batted around in the fifth inning during which they scored another 5 runs on 7 hits. A double by Tami that drove in two runs was the big hit of the inning. Jeffries hung in there, however, and got three Palmdale batters via the strikeout route to retire the side, but not before the Falcons' lead had skyrocketed to 13-0.

Jon Truitt took over the pitching duties for the Ridgecrest team in the top of the sixth inning and finished the game. He was

by Pat Rindt (assisted by David Bartels) as the Blizzards, defeated the Earthquakes 3-1 in a Div. II Youth Soccer League tilt.

Amy Becker, goalie for the Blizzards, helped to preserve the win for her team by making two saves that prevented scores by the Earthquakes in the fourth quarter. The lone goal for the Earthquakes was tallied by Ryan Christensen on a penalty kick.

Scores of other Div. II contests were Drillers 3, Sting 0; Lancers 5, Strikers 1; Aztecs 7, Sockers 1; and Timbers 8, Cosmos 0.

The undefeated Drillers were held scoreless in the first half of their game with the Sting, but came back in the second half to register two goals by Brad Bays and one by Mike Graves. Travis Porter led a good defensive effort by the Drillers.

A balanced offense by the Strikers resulted in two goals each by Jonathon Rae and Mike Matson and a solo tally by Steve Stucht, as the Lancers speared the Strikers 5-1. Sarah Griffin, assisted by Ted Mechtenberg, chalked up the only goal for the Lancers. Defensive star of the game for the Lancers was Anne Jansen.

A 4-goal effort by Alex Valdivia paced the Aztecs to their 7-1 win over the Sockers. The Aztecs' 7-goal total also included scores by Danny Moldenhauer, Matthew Bullock, and Joe Buckley, who tallied on a penalty kick.

The scoring parade in the Timbers' 8-0 win over the Cosmos was led by Chris Marshall's 4 goals. In addition, Steven Lundwall, Jamie Scholl, Loren Letsche and Benny Trujillo tallied one goal each for the Timbers.

Low scoring games and contests that ended in ties were the order of the day in Div. I competition between Youth Soccer

tagged for a single by the first batter to step to the plate for Palmdale, but the Falcons were then retired on a fly ball to center field, a pop out to the infield, and a ground out.

Palmdale added insult to injury by tacking on two more runs in the top of the seventh, which started off with a walk issued by Truitt to Tami. The latter stole second base and advanced to third on a high throw to the keystone sack. This set the stage for a single by Jundy that scored Tami, and Leon Hunsaker then ripped a double to center field that drove in Jundy.

Truitt struck out the next two batters and the Falcons, resting on a 15-0 lead, were retired in the top of the seventh on a ground out from short stop to first base.

Rod Higgins, who had gone the distance on the mound for Palmdale, started the last half of the seventh by giving up a walk to Allen Celestine. A pop out to first base

(Continued on Page 7)

League teams composed of 1st and 2nd grade players.

The Chiefs and Coyotes defeated the Eagles and Fury, respectively, by the identical score of 1-0; the Apollos vs. Roadrunners' tilt ended in a 1-1 tie; and both the Express vs. Owls and the Cobras vs. Rowdies' contests were scoreless deadlocks.

An unassisted goal by Isaac Curran of the Chiefs gave his team a 1-0 win over the Eagles.

Tough defense by both teams combined to limit the scoring in the Coyotes vs. Fury contest to a single goal by Kevin Self, of the Coyotes, who tallied on a free kick late in the second half. In the closing seconds on the contest, the Fury came close to scoring a goal that would have tied the score.

Mike Ogren, taking advantage of a well-placed assist shot by Damon Kelling, scored a goal for the Apollos, who let victory slip from their grasp when Tiffany Marshall tallied for the Roadrunners.

Despite dominating the game on offense, the Owls failed to score in their 0-0 tie with the Express.

The Rowdies, who had one goal by Sean Kajiwaru cancelled because of an off-sides ruling, came close to scoring several times, but had to settle for scoreless deadlock in their game with the Cobras.

Two scoreless ties also were played by seventh, eighth and ninth graders who compete on teams in Div. IV of the Youth Soccer League.

Both the Bandits and Lasers and the Lasers vs. Hotspurs games ended in 0-0 ties. In the only other contest in this division, the Hotspurs shut out the Bandits 3-0.

The Skipper sez



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

QUESTION

Civilian Employee — I am living in Center housing and would like to know if there is an NWC instruction prohibiting working on vehicles in the housing area. About two or three months ago, a family moved in next to me. Since that time they've been rebuilding vehicles. At the present time, they're working on a car and a jeep, and there are parts all over the yard. It looks like a junk yard.

In addition to the noise from the engines, the area is unsightly and detracts from the whole neighborhood. It looks like a ghetto. I would like to know what can specifically be done about this? Some of the other neighbors are complaining about this family also, but nothing seems to be done. Thank you.

ANSWER

The Center Housing Instruction is very clear on the conditions under which automotive repair can take place. The instruction states: "Occupants making extensive repairs to vehicles are encouraged to do so in an enclosed garage or at the Center's auto hobby shop. Work on vehicles intended to be accomplished in driveways, alleys, or on unseeded areas will be performed so that it does not interfere with the neighbor's use of his/her quarters, outbuildings, and surrounding/associated grounds; does not violate the neighbor's rights to peace and privacy; and does not present an unkempt and/or unsightly appearance."

Valid complaints will necessitate that the work be completed immediately or be terminated and the vehicle removed from the premises. If you can't come to an understanding with your neighbor, contact the Housing Office and they will take whatever action is appropriate. I am very interested in keeping the Housing area a pleasant place to live and raise a family.

QUESTION

Civilian Employee — There are two or three parking spaces set aside for 15-minute parking in front of the Headquarters Building. I'm wondering why there can't be something like this set aside in front of both of the doors at Michelson Laboratory. It would certainly help some of us who have to make short trips frequently. Thank you.

ANSWER

Currently there are six timed parking spaces reserved for computer customers at the Michelson Laboratory main entrance. In the past, five to eight years ago, we provided "30 minute" parking zones near the main entrance. These spaces were removed when certain employees saw these spaces as their private reserved parking area.

Policing such spaces provides problems in that if an individual is ticketed, he or she owes a fine. In addition, the CLPD doesn't have the resources to police these areas hourly. We also now have the curb adjacent to the main entrance painted red to discourage the casual driver from leaving a vehicle in the traffic flow. The Michelson Laboratory east gate provides additional parking and easy access to most of the laboratory.

With our increased emphasis on security, any parking spaces, either in front of the Headquarters Building or Michelson Laboratory, or close to these buildings, may become a thing of the past.

Duplication of fuel issue cards controlled

In order to control the unnecessary duplication of fuel issue cards, a written statement (signed by a division head) must now accompany requests for lost or missing fuel issue cards.

Such requests should be sent to the Public Works Department's Transportation Quality Assurance Division (Code 269)

which is now headed by Ltjg. Kent R. Westover.

This will not only help Code 269 in carrying out its responsibility for controlling the issue of fuel cards, but also should help bring to the attention of supervisors the utilization of fuel cards within their purview.



NAVY CHIEF RETIRED — More than 24 years of active duty in the Navy came to an end on March 15 for Chief Storekeeper Malcolm E. Ely, who is shown receiving an American flag from Master Chief James R. Beeson (at left), leading chief in the Supply Department's Aviation Supply Division. SKC Ely, who joined the Navy in Albany, N.Y., in 1959, was transferred here in June 1980 from the Naval Communications Center at San Miguel, Luzon, P.I. During his final tour of duty in the Navy, SKC Ely was the Supply Response Section supervisor in Code 258 and, for a 6-month period, was the acting chief petty officer in the Aviation Supply Division. He plans to leave the local area and move to San Diego with his wife, Emerita, and daughters Karen and Mary Jane. SKC Ely also has a son, Dale, who is following in his father's footsteps by serving as a Navy Storekeeper 2nd class at Norfolk, Va., and another son, Bobby, who is living in the Republic of the Philippines.

— Photo by Clare Grounds



OUTSTANDING EFFORT HONORED — Natalie Harrison, Community Liaison Assistant, listens as Capt. K. A. Dickerson, NWC Commander, reads her the citation for the Commander's Award that he has just presented her and which she is holding. Mrs. Harrison received the award of her work in connection with Community Pride Day.

Topnotch job on civic cleanup task rates Commander's Award

The outstanding effort expended by Natalie Harrison in organizing the fourth annual Project Community Pride day last Feb. 11 won her the Commander's Award for Mission Support, presented to her by Capt. K. A. Dickerson following the Commander's meeting last Monday morning.

Mrs. Harrison and her Community Pride Committee recruited more than 600 volunteers to help pick up litter from the communities of China Lake and Ridgecrest, whose residents joined together to participate in this worthwhile activity.

In the letter of nomination written by Chips Maurer, the Program Coordinator in whose office Mrs. Harrison is employed as Community Liaison Assistant, he said "Much of the success of Community Pride Day can be credited to Ms. Harrison's fine organizational abilities; great dedication, perseverance and enthusiasm; and her genuine affection for the community."

The letter continues, "She is well known and well respected throughout the China Lake and Ridgecrest area and her rapport with our citizens enabled her to involve a varied group of volunteers, businesses and

organizations in support of this large-scale event."

Mrs. Harrison has served as the NWC coordinator for all four of the annual Project Community Pride clean-up days; hers has been the task of organizing and pulling together the many elements required of such a massive community effort, from initial scheduling of the day through the recruiting of volunteers to help pick up the litter that is strewn on major streets.

Begun by NWC, Project Community Pride has also included the City of Ridgecrest and the Ridgecrest Chamber of Commerce, with a multitude of local businesses and organizations providing funds and volunteers for this combined operation.

Mrs. Harrison has played a prominent role in many community functions since first moving to the Indian Wells Valley in 1952, including many of the youth-related activities in which her six sons were involved.

She returned to work at NWC in August 1974, and has been in her present job as Community Liaison Assistant since Nov. 12, 1975.

Monday is deadline to obtain Sailor of Year dinner tickets

Preparations are nearing completion, and ticket sales end Monday for the 15th annual Sailor of the Year awards dinner that will be held on Saturday, April 28, at the Enlisted Mess.

This event, sponsored by the Indian Wells Valley Council of the Navy League of the United States, is intended as a salute to all military enlisted personnel serving at China Lake, but especially to those who have been singled out as Sailors of the Year and Bluejackets of the Quarter during 1983 by both the Naval Weapons Center and Air Test and Evaluation Squadron Five (VX-5).

The evening's festivities will begin with a social hour at 6:30, and a turkey and roast beef buffet dinner will be served starting at 7:30.

Master of ceremonies for the program that will follow the dinner will be John DiPol, a Navy Leaguer who is a retired former department head at NWC.

The Sailors of the Year, whose identity was announced earlier due to the necessity that their nominations be submitted for consideration in Navywide competition, are Aviation Ordnanceman 1st Class Tommy J. Davis, of NWC, and Aviation Structural Mechanic 2nd Class Barry W. Robinette, of VX-5.

Others who are scheduled to receive monetary and/or merchandise awards for their selection as Bluejackets of the Quarter

during 1983 are AC1 Russell Mark Young, AD1 Russell Godbey, and AE2 Brian Kudrna, all of NWC; and AQ2 Henry D. Lemons, YN3 Belinda Waddell, AMS3 Robert Snook, Jr., and AQ3 James E. Horner, all of VX-5.

Tickets for the Sailor of the Year awards banquet are priced at \$10 per person. They can be obtained at the NWC Public Affairs Office, Rm. 2029, in the Headquarters Building, or ordered by calling TMCM J. W. McAllester, NWC's Command Master Chief Petty Officer, phone NWC ext. 5083; or RMCM (SS) R. A. Jacobsen, VX-5's Command Master Chief, phone NWC ext. 5202.

Checks are to be made payable to the Navy League. Tickets also can be ordered by mail by writing to P.O. Box 1297, Ridgecrest, Calif. 93555.

Navy Leaguers who have tickets for the Sailor of the Year awards banquet can be contacted by phone at the following numbers by those wishing to make reservations for this event: 375-5515 (mornings), 446-7244 (nights), 375-4272, 446-5488, or 446-3727 (nights), and 446-2438.

Navy Hotline

for Fraud, Waste and Abuse
Call: (800) 522-3451 (toll free)
288-6743 (Autovon)
(202) 433-6743 (commercial)

Widely varied secretary-clerk work force at NWC to be honored

The Naval Weapons Center's large and highly varied secretarial and clerical work force will be honored during the annual observance of Secretary's Week, which starts Monday and is climaxed by a luncheon to be held on Wednesday.

Just how wide-ranging and varied the group is that provides these essential services on board is indicated by clerks and secretaries falling into 31 job series with 98 different job titles (including the supervisory distinctions).

A total of 596 full time permanent employees fall into these job series, of which 557 are women and 39 are men. Those who hold other than full time permanent positions total 224 individuals, of which 208 are women and 16 are men.

The purely secretary series — the 318 series — has a total of 291 individuals, and the 171 series (clerks or clerk-typists) has a total of 322 individuals in it.

The average full time permanent secretary on board the Center is a GS-5, earning \$15,801 annually; the average annual salary of those falling into the clerk or clerk-typist series is \$12,214.

The luncheon honoring the secretarial and clerical personnel will be held next Wednesday, April 25, at 11:30 a.m. at the Enlisted Mess. Menu choices for the day are either chicken with orange sauce or a chef salad and the cost for either choice is \$5 per person.

Only a few tickets are left for the luncheon; these may be purchased from department or senior staff secretaries before the close of business on Monday.

Honored guest speaker at the luncheon will be Madeline K. Silva, Federal Women's Program Manager from the Naval Ocean Systems Center, San Diego, who will speak on "Professionalism" and how the concept of professionalism can relate to both career and personal life.

Ms. Silva will discuss techniques for maintaining a professional attitude and approach. She emphasizes that

professionalism is not dependent on educational level.

There will be no "Secretary of the Year" or "Clerical Employee of the Year" selected because choosing one person from the many highly-qualified individuals on board has become too difficult.

Each supervisor is asked to consider how to honor the individuals serving in these



Madeline K. Silva

roles within the organization and to try to do something for these persons that either enhance their careers or make individual working conditions better.

Suggestions made include encouraging those in clerical or secretarial positions to take classes, providing the opportunities to learn new job skills, or otherwise improving the work situation for them.

Energy conservation tip

When washing dishes by hand, avoid running water continuously by filling a pan with hot water for rinsing.

China Lake Police reports . . .

A little more than an hour after a hit-and-run accident involving two motor vehicles occurred on Monday afternoon, China Lake police arrested the driver of a 1967 Chevrolet pickup, who allegedly fled from the scene of the mishap.

The accident occurred at the intersection of Dobb Road and King Avenue, where the driver of the first vehicle (a 1973 Plymouth) reportedly failed to yield the right-of-way after making a stop.

The Plymouth sustained major damage to its left front end and its civilian occupants (a man and two women) suffered minor injuries.

Police traced the alleged hit-and-run vehicle to an address on Hussey Road, where the driver (a military man) was arrested.

COFFEE MESS MONEY STOLEN

Coffee mess money totalling more than \$100 was stolen from a room on the third deck of Hangar 3 at Armitage Airfield, according to a report filed on Wednesday,

April 11, with China Lake police.

The money, which was removed from a desk drawer, included a roll of Susan B. Anthony dollars, a roll of bicentennial quarters, ten silver dollars, and between \$10 and \$15 worth of 50-cent pieces. There was no sign of forced entry into the desk drawer.

VEHICLE PAINT DAMAGED

An act of vandalism that involved scratching the paint on a 1980 Datsun pickup truck parked in the BEQ parking lot was reported on April 11 to China Lake police. Cost of repairing the damage is estimated at \$350.

BOY'S BICYCLE FOUND

China Lake police last week found a boy's 10-speed bicycle, red in color, that had been abandoned on the north side of the Military Administration Building.

The bike, valued at approximately \$100, was taken to the China Lake Police Division's evidence compound, where it can be claimed by anyone having proof of ownership.



LONG-TERM PARTNERSHIP — Barbara Jackson is congratulated by Crill Maples, who is currently head of the Ordnance Test and Evaluation Division of the Range Department, on being the secretary with the longest service for one supervisor on the Center (as far as can be determined). Ms. Jackson has been Maples' secretary for more than 20 years.

— Photo by PHAN Rebecca Gill

Dr. Kistler receives award . . .

(Continued from Page 1)

Assigned initially to the Weapons Planning Group, his responsibilities grew from those of an operations research analyst to those of project leader and program director for anti-air warfare studies, in addition to serving as Code 12's Associate for Program Planning.

In 1967, he was singled out to receive the Michelson Fellow in Management Award for his analysis of both sides of the anti-submarine problems — a study that is considered a "classic" in the analysis community, as well as by the laboratories and the operational commands.

Prior to assuming his present position as head of Code 08 in June 1975, Dr. Kistler served for three years as the Associate for Resource Management in what was then called Central Staff (predecessor to the Office of Finance and Management). In this capacity, he coordinated, counseled, and reviewed the operations of four groups in Central Staff, including the management analysis, budget analysis, management automatic data processing, and special project activities.

In the financial management area, Dr. Kistler has provided leadership to both NWC and the Naval Material Command. As a consultant and advisor in financial management to NAVMAT, he is consistently sought out to provide policy guidance to headquarters in terms of the impact on the laboratories.

In addition, the Navy Superior Civilian Service award winner has encouraged and supported the development and training of senior administrative staff personnel of NWC through assignments in NAVMAT.

When NWC top management recognized the growing need for independent and highly skilled life-cycle weapons systems cost

analysis in moving development programs through the Department of Defense system, Dr. Kistler expanded the arena of general management support to top management by organizing and staffing highly skilled cost analysts — a move that has earned respect for NWC in cost analysis work at the Chief of Naval Operations, Cost Analysis Improvement Group of the Office of the Secretary of Defense, and the Chief of Naval Material Command levels.

Dr. Kistler also has played a key role in the Demonstration Project developed by NWC and the Naval Ocean Systems Center, San Diego, which allows greater managerial control over personnel functions.

He represented the administrative professional personnel of the Center by providing guidance aimed at ensuring equity in terms of career pattern adjustments that had to be made, and took the lead in ensuring that the performance payout calculations developed for the Demonstration Project have an audit trail and can be justified.

During 1982-83, in the wake of an OMB Circular A-76 Commercial Activities (CA) study that was conducted at NWC on certain housing maintenance, supply and vehicle operations and maintenance activities, Dr. Kistler was singled out to represent NWC as its official spokesman in the CA discussions with high-level NAVMAT personnel.

Those familiar with his role in this sensitive matter came away certain of his in-depth grasp of the CA analysis performed at NWC, and impressed by his insight into the major issues involved in CA and their impact on NWC as well as other Navy activities.

Recognition of Dr. Kistler's multitude of contributions to the advancement of financial management and management science in the research, development, test and evaluation communities over a period of more than 20 years was culminated this week by the presentation to him of the Navy Superior Civilian Service Award.

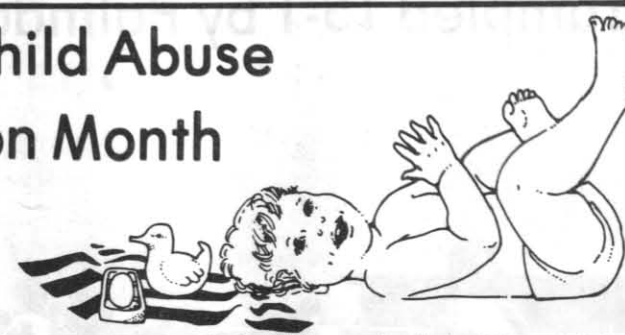
Few openings still left in class for technical mgrs.

Project managers and other technical managers have only a few days left to sign up for a course entitled "The Technical Manager in a Dynamic Environment" that will be taught from 8 a.m. until 4 p.m. at the Training Center May 7 through 10.

The instructor, Dr. Melvin Silverman, is the managing partner of Atrium Associates.

Those wishing to attend must submit a training request form via department channels in time for it to reach Code 094 by April 24.

April is Child Abuse Prevention Month at NWC



(Fourth article in series.)

A nightmare common for parents is concern that one of their children may be abducted, and may join the ranks of the children who vanish forever or whose bodies may be found at some future time.

Warning a young child against getting into a car (or accepting candy from a friendly stranger) is standard parental practice, but a parent can do more than that to protect a child.

For instance, along with warning youngsters not to accept rides, the parent should also teach the child to note the license number on any car occupied by a stranger who offers a ride to youngsters, or who behaves suspiciously. If police can be given a license number to check, they will be able to follow up on reports to determine if the individual reported is indeed a threat.

The China Lake Police advise that not only should parents tell their children not to ride with strangers, but also that they should not accept rides from anyone without having prior parental permission. The person whom they recognize but don't really know could be just as much of a threat as the friendly stranger.

Parents need to know where they can find

their children, who their children's friends are, so that if the youngsters don't get home from school in time (or don't get back to their homes from playing when they are supposed to), that they can be located.

And, if a youngster can't be located, parents should not hesitate to call police promptly to report the youngsters as missing.

As an additional service to all local parents, the personnel of the China Lake Police Division have been sponsoring a fingerprint-your-child program for the past several years. One set of fingerprints is taken of the youngsters, and the card is then given to parents for their files (the police do not keep a copy of the prints). Should the child ever be missing, such fingerprints could prove invaluable for identification.

This school year the police from China Lake and Ridgecrest worked together to fingerprint children in all the area's schools. Any youngsters who were missed in the school-wide fingerprinting can have their prints taken if their parents will bring them to the China Lake police station any Wednesday morning between 9 and 11, or Wednesday afternoon between 3 and 5 o'clock.

As precautionary measure, police fingerprint local school children

About 4,815 school children in the local area have been fingerprinted during this school year, thanks to the efforts of the China Lake and Ridgecrest police and with the help of many volunteers.

The Department of Justice strongly advocates the fingerprinting of all children to facilitate searches for missing or kidnapped children and for runaways. Under this program, the parent is given the only copy taken of the child's fingerprints; the police do not keep the prints on record.

The fingerprinting program began at China Lake several years ago as a Police Division service to families living on the Center; prior to the start of this school year, more than 1,100 China Lake youngsters had been fingerprinted.

This year the China Lake and Ridgecrest police, aided by large numbers of volunteers, went into each of the area's schools to fingerprint all children whose parents had signed consent slips.

Schools whose children were fingerprinted at press time for the Rocketeer were Burroughs and Mesquite High Schools; Murray and Monroe Junior High Schools; Vieweg, Pierce, Richmond, Groves, Las

Flores and Inyokern Elementary Schools; the China Lake Child Care Center; Ridgecrest Christian School, the Randsburg Elementary School, the High Desert Nursery School, and Pilgrim Christian School.

China Lake Police Division personnel who worked with the fingerprinting include Sgts. T. A. McDermott and Doty Nelson; Officers Tom Whalen and William Adam (and his wife, Deanna); and Milly Haywood and Terry Dietrichson, secretaries for the Police Division and the Chief of Police. From the Ridgecrest Police Department those aiding were Ellen Smith, Jeffrey Kruger, and Gaye Edwards of the Youth Services Resource Team.

Also providing invaluable assistance were members of the Parent Teacher Associations at each school as well as a large number of additional volunteers.

Children who for some reason did not get fingerprinted when the team was at their school can be fingerprinted if their parents wish to bring them by the China Lake police station any Wednesday between 9 and 11 a.m. and 3 to 5 p.m. There is no charge for this service.

Free legal advice for senior citizens offered on April 27

Senior citizens, those 60 years of age and older, will have the opportunity to obtain free legal advice next Friday, April 27, Senior Law Day.

Appointments to see an attorney, who will be at the Senior Citizens' Center, 125 S. Warner St., Ridgecrest, on April 27, can be made by calling the Cerro Coso Community College Information and Referral Office, phone 375-4322, on weekdays between 8 a.m. and 12 noon.

This service is being provided by Cerro Coso College and the Senior Law Center in Bakersfield. In addition to a free private consultation with an attorney, senior citizens will be provided with information about the Senior Law Center, following the Senior Citizen Nutrition Program lunch on April 27.

Those wishing to join other senior citizens for lunch next Friday can make a reservation by calling 375-2222.



INFORMAL MOMENT — Chatting before the start of the quality circles dinner are (l.-r.) John Reynolds from the Kerr-McGee Chemical Corp.; Sherry Gilbert, Continental Telephone Co.; Jim Bowen, NWC Deputy Support Director; Capt. Gerry Lee, NWC Director of Supply; and Capt. Joe Phaneuf, Deputy Test and Evaluation Director. Reynolds and Ms. Gilbert were guest speakers at the dinner.

Quality circles concept gets vote of industry spokesmen at meeting

What's neat about quality circles, John Reynolds of the Soda Products Operation, Kerr-McGee Chemical Corp., told the audience at the Supply Department's second annual Quality Circles Night, is that they can be tailored to fit the needs of the group involved.

The philosophy behind the quality circle concept is that people doing the work are the ones who can best identify, analyze, and solve problems within their work environment.

For more than two years, quality circles have been operating in the Naval Weapons Center's Supply Department. As many as 13 quality circles have been operating at a time; currently six groups are functional in that department.

Groups meet voluntarily on a regular basis, usually one hour a week, to identify, analyze, and solve problems involving the work they are doing. They recommend the solutions to management and, where possible, implement the changes themselves. Membership is strictly voluntary.

The quality circles approach has also proven very successful in a number of corporations, two of which were represented at the Supply Department dinner held at the Hideaway restaurant in Ridgecrest on April 12. Joining Reynolds in discussing how quality circles functioned in private industry was Sherry Gilbert from the Continental Telephone Company's Bakersfield office. Ms. Gilbert has been the quality circles coordinator for that company since 1980.

Only the western region of the Continental Telephone Company uses quality circles. That region has found this practice to be so useful, Ms. Gilbert said, that more than 70 circles are operational.

Reynolds said that the Soda Products Operation began using quality circles in 1982 and now has 22 groups chartered with three more awaiting charter. Fifteen

management presentations have been made so far at the Soda Products Operation, with problems addressed ranging from safety to interoffice mail distribution.

The Supply Department's quality circles coordinator, Helen Cropper, who served as mistress of ceremonies for the evening, then introduced members of the Code 25 quality circles, who completed the program by presenting a humorous look at Supply Department operations.

Capt. Joseph T. Phaneuf, Deputy Test and Evaluation Director, and James R. Bowen, Deputy Support Director, were among the attendees from other codes who accepted the Supply Department's invitation to spend this evening dedicated to the quality circles concept.

Any on-center organization interested in learning more about quality circles or in starting quality circles in another department is encouraged to contact Terry Mitchell, Organization Development Advisor, Code 0904, phone NWC ext. 3162.

Ass'n of Old Crows schedules meeting on data link systems

A talk about NWC Technical Air-to-Surface Data Link Systems will be presented at the next meeting of the Robber's Roost Chapter of the Association of Old Crows (Electronic Defense Association).

The meeting, which is classified SECRET, will be held from 6:30 to 9 p.m. Tuesday in the Michelson Laboratory auditorium (Rm. 1000D), and the speaker will be Bill Woodworth.

Center employees interested in attending Tuesday night's meeting of the Association of Old Crows can make arrangements to do so by calling Peggy Zulkoski at NWC ext. 2951. Visitor clearances will be required from contractors and others not employed by the Center.

Refreshments will be served in the lobby of Michelson Laboratory during registration and security check-in. Additional information can be obtained by calling Dorothy Murphy at 446-5561.

Software engineering to be topic at next IEEE luncheon meeting

Members and guests of the China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE) will hear a discussion of the SEE-IT (Software Engineering Environment-Insertion of Technology) program on Monday at 11:30 a.m. in the Chart Room of the Commissioned Officers' Mess.

Discussing this software engineering program will be Dr. Lee Lucas and Dale Christensen from the Aircraft Weapons Integration Department. Christensen is the SEE-IT Program manager; Dr. Lucas is the Software Technology Consultant for the Avionics Facilities Division in Code 31.

Prior reservations are not required and visitors are welcome.



EXCEPTIONAL SERVICE — Mary Pat Roach (l.), chairman of volunteers for the China Lake branch of the Navy Relief Society, receives a 1,000-hour pin from Joyce Dinnage, the Executive Director of NRS in Long Beach. Mrs. Roach has averaged nearly 100 hours of volunteer service per month to NRS since she first began as a volunteer with the local branch in August 1982. In addition, a 100-hour service pin was received by Denise Evans, and volunteers Diane Shepherd and Janice Gallinetti received a "thank you" gift for their service.

— Photo by PHAN Rebecca Gill

MIKE'S LAB by JEFFREY

