



LIGHTER MOMENT — Ceclie Dickerson, wife of the Skipper, and John Lehman, Secretary of the Navy, share a chuckle during a dinner held Monday night at the home of the NWC Commander. Also present were other senior military and civilian personnel and their wives. — Photo by PHAN Greg Hogan

Sweet Adelines to stage songfest Sept. 29 at Burroughs lecture ctr.

The Singing Sands Chapter of the Sweet Adelines, Inc., will be staging its annual fall production on Saturday, Sept. 29, at 2 p.m. and again that evening at 8 o'clock in the lecture center at Burroughs High School.

The songfest, entitled "Happy Trails," has a western theme, and is directed by Ronnie Goss. Assisting her are Jan Arisman, music director; Felice Reynolds, choreographer; and Mary Hoyt, show chairman.

Featured in the leading roles will be Louise McIntosh, as Cactus Purlie, and Warren Stump, as Cactus Pete.

The musical show also will include selections by the Sierra Sands Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America (SPEBSQSA), by the "Rollin' Tones," a men's quartet from El Cajon, Calif., which will be singing country-western music and performing comedy skits, and three quartets composed of members of the local chapter of SPEBS-

Tryouts for stage play to be held next week

Tryouts for the comedy production, "Bedroom Farce," will be held on Tuesday, Wednesday and Thursday evening at 7:30 at the Community Light Opera and Theater Association's (CLOTA) building, 1425 Inyo St., Ridgecrest.

Last week's Rocketeer correctly listed the dates in the story, but provided erroneous information in the headline. Apologies are offered to anyone who may have been inconvenienced by the goof. (Periodically the gremlins do get loose.)

Next film in series on 'Growing Up' to be shown

The third of four films in a four-part series entitled "Growing Up Whole in a Breaking Down World" will be shown at 7 p.m. Sunday in the East Wing of the All Faith Chapel.

Sunday night's movie has to do with "The Language of Listening." The series, which began on Sept. 9, is sponsored by Protestant Congregation of the All Faith Chapel and is open to the public.

VX-5 Military Wives Club to meet Tuesday

A meeting of the VX-5 Wives Club has been scheduled at 7 p.m. Tuesday, at Vickie Herron's home, 2006 Leyte Rd., in the Capehart A housing area.

If a VX-5 military wife is interested in more information or needs transportation she may call 446-5323 or 446-3732.

All wives of VX-5 personnel are invited to attend, but it is requested that any children be left at home with the husband or with a sitter.

QSA, who will be performing as "The Mod Quad," "Musical Madness," and "Sierra Wave."

Tickets will be sold at the Burroughs High lecture center box office prior to each performance, or can be purchased in advance from any member of the Sweet Adelines or SPEBSQSA. In addition, tickets are on sale at That Shoe Store and The Music Man, located in Ridgecrest.

Ticket prices for the 2 p.m. performance are \$3 for general admission and \$2 for senior citizens and children under 12 years of age.

Admission for the evening performance will be \$4 for adults and \$2.50 for senior citizens and children under 12.

Class slated in how to cook for victims of heart attack

Heart patients, as well as those who want to ensure through healthy eating habits that they won't become heart patients, are invited to enroll in a Culinary Hearts Kitchen Course to be taught at the Drummond Medical Clinic. The class will run from 6 to 8 p.m. on the evenings of Sept. 27, Oct. 4, 11, 18, 25, and Nov. 1.

The class will be taught by Suma Khara, a registered dietician. It was organized by the New York Heart Association, and is marketed nationally by the American Heart Association. Fee for the course is \$37.50.

Registration is limited to 30 people. More information about the course can be obtained by telephoning the Drummond Medical Group, 446-4571.

Weekend Roundup

Tickets are still available for another gala Membership Night this evening at the Commissioned Officers' Mess. The price of an evening of dining and dancing is \$7 for COM members and \$8 for guests.

Italian cuisine will featured, including entrees of chicken tetrazzini, ravioli and lasagna, which will be served from 6 to 9 o'clock. COM members and their guests are then invited to linger for the remainder of the evening for dancing and listening to "Red Suitcase," a four-member combo from San Diego, whose repertoire ranges from country and western music to top 40 tunes.

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Popular country-western music by the "Easy Lovin'" combo will be played tonight for the dancing and listening pleasure of patrons spending the evening at the Chief Petty Officers' Mess. The musical group will play from 8:30 p.m. until 12:30 a.m.

Prior to the music and dancing, the CPOM will be serving dinner from 6 to 9 o'clock. There will be the regular menu items, plus tonight's dinner specials of white fish or prime rib of beef.

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A return engagement of "Message," a brother-sister musical team from southern California, is on tap this evening at the Enlisted Mess. Top-40 tunes will be featured from 9 p.m. until 1:30 a.m.

For EM patrons and their guests who wish to dine out before the music begins, the dinner special will be steak and shrimp served from 6 to 8:30 p.m.

Desert Community Orchestra pops concert slated Saturday

The Desert Community Orchestra will open its 1984-85 season by presenting its annual Pops Concert on Saturday night, starting at 7:30, in the Center theater.

Those who plan to attend the concert, which is open to the public free of charge, are encouraged to bring a picnic dinner and join other music lovers for an all fresco meal on the lawn in front of the All Faith Chapel from 5 to 7 p.m.

While the picnic is in progress, entertainment will be provided by the China Lake Desert Dancers, a local folk dance group.

Ron Burdick, of California City, conducts the Desert Community Orchestra which, with the recent addition of eight new members, has grown to a total of 46 musicians.

Tomorrow night's program offers something for nearly every musical taste. Selections to be played range from "Hungarian Dances" by Johannes Brahms to "Maple Leaf Rag" by Scott Joplin and the rousing John Phillip Sousa march entitled "El Capitan."

Also included on the program are "Farefare for the Common Man" by Aaron Copland, a medley of selections from the Rodgers and Hammerstein musical "Oklahoma," and "Sounds of the Carpenters."

Volunteer tutors needed to teach adults how to read

In an effort to provide reading tutorship for adults who cannot read, the Ridgecrest Branch of the Kern County Library, in cooperation with the Literacy Council of Indian Wells Valley, is looking for persons interested in volunteering their help as reading tutors.

A tutor training workshop will be held next Wednesday, Sept. 26, at the library from 8:30 a.m. to 3:30 p.m.

Potential tutors must be dependable and able to read and write English. Once tutors are trained in the Laubach teaching method, they will be matched with students recommended by the Literacy Council.

Interested persons can obtain additional information by calling Marsha Lloyd, phone 375-7666, or visiting the Ridgecrest Library at 131 E. Las Flores Ave.

Boys interested in Cub Scouts invited to meeting

A meeting of boys in the second through fifth grades who are interested in membership (as Cub Scouts or Tiger Cubs) in Cub Pack 341 will be held at 6:30 p.m. on Tuesday, Sept. 25, in the East Wing of the All Faith Chapel.

Additional information can be obtained by calling Don or Sally Harris at 446-5848.

The U.S. Recording Company funds in whole or in part the instrumental music for this performance, through arrangements made by Local 263 of the American Federation of Musicians.

The Desert Community Orchestra began rehearsing at the end of August for tomorrow night's concert, and currently is holding practice sessions on Mondays, from 7 to 9:30 p.m. at St. Michael's Church, 200 Drummond Ave., Ridgecrest.

The orchestra is always looking for more members, particularly those who play stringed instruments. Interested persons are invited to join the group for its weekly rehearsals in preparation for other concerts that will be presented in November, December, March and April.

Hebrew Congregation to celebrate Rosh Hashanah Sept. 26-28

The NWC Hebrew Congregation will be celebrating Rosh Hashanah during religious services to be held at the All Faith Chapel next Wednesday evening, Sept. 26, starting at 7:30.

Other services celebrating the new year are scheduled on Thursday, Sept. 27, at 9:30 a.m., and on Friday, Sept. 28, at 7:30 p.m. The services will be conducted by Student Rabbi Susan Marks.

Rosh Hashanah is referred to in the Bible as The Day of Remembering. Later in Jewish history, the Talmud named this holiday "The Day of Judgment." Rosh Hashanah is also considered by those of the Hebrew faith to be the anniversary of the creation of the world.

One of the traditions of Rosh Hashanah is wishing everyone a good and sweet year by sharing apples dipped in honey after the services, and preparing holiday bread filled with raisins.

Additional information about the Rosh Hashanah services can be obtained by calling Bob Schwartz, president of the Hebrew Congregation, at 446-5800.

MOVIES

G - ALL AGES ADMITTED
 General Audiences
 PG - ALL AGES ADMITTED
 Parental Guidance Suggested
 R - RESTRICTED
 Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY	"POLTERGEIST" Starring Joseph Williams and Craig Nelson (Horror/Drama, rated PG, 114 min.)	SEPTEMBER 21
SUNDAY	"BETTER LATE THAN NEVER" Starring David Niven and Art Carney (Comedy, rated PG, 95 min.)	SEPTEMBER 23
MONDAY	"IF YOU COULD SEE WHAT I HEAR" Starring Marc Singer and R.H. Thomson (Comedy/Drama, rated PG, 103 min.)	SEPTEMBER 24
WEDNESDAY	"THE ENCHANTED" Starring Julius Harris and Will Sennett (Drama, rated PG, 90 min.)	SEPTEMBER 26
FRIDAY	"A CHRISTMAS STORY" Starring Melinda Dillon and Darren McGavin (Comedy, rated PG, 93 min.)	SEPTEMBER 28

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PRE-FLIGHT BRIEFING — The Honorable John Lehman, Secretary of the Navy, is briefed by Cdr. Chris Anderson before flying the TA-7C Corsair aircraft used to demonstrate the capabilities of a new nighttime low-level visual-navigation concept known as Project Cheap Night. During a 1½-day visit this week to the Naval Weapons Center, Sec/Nav Lehman, who is a Naval Reserve pilot, took advantage of the opportunity to gain firsthand information about Project Cheap Night by making both day and night flights (with Cdr. Mick Taylor in the back seat as safety pilot). The Secretary of the Navy also was briefed on a variety of other NWC projects during a tour of Michelson Lab, visited the Electronic Warfare Threat Environment Simulation Facility, and was taken on a helicopter tour of the NWC ranges. — Photo by PHAN Greg Hogan

Lt. Pat Walsh, VX-5 pilot, chosen to join elite Blue Angels' team

Lt. Pat Walsh, currently assigned as Air Test and Evaluation Squadron Five's (VX-5) operational test director, received official confirmation earlier this month that he has been selected to join the Navy's exclusive, high-flying Blue Angels flight demonstration team.

The selection was made after consideration of many outstanding candidates who applied for this elite group.

Lt. Walsh has been selected as a member of the 1985 team, with early observational training to begin in October.

The appointment came after an extensive investigation into his fitness for becoming a member of the Blue Angels. This including personal interviews, a look at his past fitness reports, and observation of his interest in the team's activities.

The U.S. Navy Flight Demonstration Team, the Blue Angels, was formed to "demonstrate precision techniques of naval aviation to naval personnel and, if directed, to the public."

By presenting a faultless display of aerial artistry to what has now exceeded 170 million spectators worldwide, the Blue Angels seek to attract talented and qualified youth to join them in the U.S. Navy and Marine Corps.

Lt. Walsh, a native of Dallas, Tex., mentioned several reasons why he applied to become a member of the Navy's premier flight team.

"I look forward to the challenge of precision and disciplined demonstration flying, as well as the opportunity to greet the public as part of a select team," the young naval aviator said.

In addition, the Vampire pilot will enjoy spending time with young people who are interested in pursuing a career in the Navy.

"I have always looked forward to this career-enhancing tour of duty as an opportunity to fly with the best," he said. "Aside from the challenges in the air, I respect and am ready to respond to the consuming de-

Project Cheap Night holds hope of further enhancing night flight capabilities

The capabilities of Navy and Marine Corps attack squadrons have been greatly enhanced in recent years by advances in both training and technology.

In order to further enhance mission performance of Navy and Marine Corps tactical aircraft, NWC is conducting Project Cheap Night, the demonstration of a nighttime low-level visual-navigation concept that will allow Visual Flight Rules (VFR) in night operations using the same natural pilot techniques as during the day. It thus permits more aggressive maneuvering and lower-level flight than previous approaches.

By flying at night and at very low levels, using terrain masking, the pilot can prevent both visual and radar detection. This concept uses a complementary system approach composed of a Navigation Forward Looking Infrared (NAVFLIR) sensor, a raster Head-up-Display (HUD), Night Vision Goggles (NVG), a Moving Map Display (MMD), a high-resolution Head-Down-Display (HDD), and the aircraft's inertial navigation system (INS).

The Cheap Night system differed slightly from the conceptual system in that the demonstration aircraft's Projected Map Display System (PMDS) was used in place of a more modern Moving Map Display (MDD). A tactile display system was also added for demonstration purposes.

The Cheap Night system consisted of a NAVFLIR sensor fixed mounted in a pod for carriage on a weapons pylon, a HUD, NVG, a tactile display system which is operated by touching the display screen, and a PMDS controlled by the Navigation Weapons Delivery Computer (NWDC).

The HUD provided the pilot with necessary flight data as well as the FLIR image on a screen in front of the windshield at eye level so that he would not have to look down

into the cockpit during critical low-level flight maneuvers.

The FLIR image was also displayed on the radar scopes. The pilots' helmets were fitted with mounting brackets for NVG that allowed them to see with near daylight clarity under very low light level conditions such as moon or star light.

By boresighting the fixed position of the FLIR to the HUD, the pilot always had a FLIR scene presentation at night identical to his daytime HUD presentation. Since the HUD and FLIR were boresighted to the aircraft, the FLIR scene provided aircraft to earth orientation. The night vision goggles allowed the pilot to look through his HUD combining glass at night, just as he does during the day, at the real world or to look at the FLIR scene presentation on the HUD combiner.

The NVG provided the pilot with the capability of seeing the world around the aircraft at night and to look into turns. The capability to "see" and to look into turns at night allowed the pilot to maneuver more aggressively than ever before possible at night.

Additional gains included the ability to see the target through battlefield smoke which was tested by flying in the vicinity of nearby forest fires and to detect other aircraft that would not normally be seen.

The NVG and the FLIR complement one another inasmuch as the former sees objects which reflect visual light but cannot see into deep shadows or through haze and smoke while the latter sees objects which emit heat but cannot distinguish objects that are the same temperature as their background. Between them, they provide the pilot with most of the same visual cues he would use to fly very low to the ground in the daytime.

(Continued on Page 5)

New Chief Staff Officer assumes duties Sept. 28

China Lake's new Chief Staff Officer, preparing to assume his duties Sept. 28, is no stranger to this area. Capt. Paul D. Stephenson, reporting from duty in Pearl Harbor, Hawaii, is a former Commanding Officer of Air Test and Evaluation Squadron Five (VX-5). He is replacing Capt. Scotty Vaught, who is retiring Sept. 28 and returning to the San Diego area.

A graduate of Fort Hays Kansas State College, Capt. Stephenson was commissioned an ensign in 1956, and designated a naval aviator in April 1957. Initially, he was assigned to Attack Squadron 192, making cruises aboard the USS Bon Homme Richard and the USS Lexington. Later, the squadron was redesignated Attack Squadron 216.

In 1961, Capt. Stephenson reported to Luke Air Force Base as an exchange officer. While there, he was involved in advanced gunnery instruction for foreign officers of the Military Assistance Program. Following this assignment, he reported to Monterey, Calif., for a one-year science course. This was followed by a tour with Commander Fleet Air Western Pacific, Atsugi, Japan, as aide and flag lieutenant.

NWC's new Chief Staff Officer reported to Attack Squadron 125 for transition to the A-4 Skyhawk in 1965. Following this, he was sent to Attack Squadron 56 and participated in two combat cruises aboard the USS Enterprise. In 1968, he assumed the duties of project officer for the guided missile trials of the A7E Corsair II at the Pacific Missile Test Center, Point Mugu, Calif.

August of 1970 found him spending a year at the Naval War College of Command and Staff at Newport, R.I. At this time, he earned a Master of Science degree in International Affairs from George Washington University. Following his duty at the Naval War College, Capt. Stephenson joined Attack Squadron 153 in December 1971 as the Executive Officer and assumed command in July 1972.

He led the squadron through its final cruise of the Southeast Asia conflict and returned to the Naval Air Station, Lemoore, in March 1973. In May of the same year, he and the "Blue Tails" were victorious in the Commander Fleet Air Lemoore Bombing Derby, winning the Golden Bomb Award. He also won individual awards for "Best All Around VFR" and "Best Special Weapons." Capt. Stephenson assumed command of CVW-21 in May 1974, and deployed aboard the USS Hancock on CVW-21's final cruise. Subsequently, he reported to Chief of Naval Operations' Staff where he was head, Strike Warfare Section of the Tactical Air, Surface, and Electronic Warfare Development Division.

Following that assignment, he came to VX-5 and assumed the duty of Commanding Officer, taking over from Capt. Leonard E. Giuliani in January, 1979.

After leaving VX-5 in March 1981, he reported to Naval Air Station, Cubic Point, Republic of the Philippines, as Commanding Officer from April 1981 to August of 1983. He is returning to China Lake following duty at



Capt. Paul Stephenson

(Continued on Page 4)

HM3 Dedios chosen Sailor of Quarter by Medical Clinic

Hospital Corpsman 3rd Class Quirno A. Dedios was recently selected for recognition as Sailor of the Quarter for the period of April to June 1984 by the Branch Medical Clinic.

HM3 Dedios is presently assigned to duty as a laboratory analyst in the Branch Medical Clinic where he is responsible for drawing blood samples, working in hemotological and microbiological lab analysis, and maintaining the appropriate supplies for his section.

In a letter of commendation to HM3 Dedios, Capt. M. G. Mowad, Commanding Officer of the Naval Hospital in Long Beach, wrote, in part, as follows: "Since reporting to Branch Medical Clinic, China Lake directly from Basic Laboratory School, you demonstrated abilities well above those expected and consistently performed your demanding duties in an exemplary manner."

HM3 Dedios also was commended for his performance, for "having a reputation for providing the highest quality of workman-



HM3 Quirno A. Dedios

ship" and for demonstrating initiative in becoming an integral member of the laboratory team.

What the Branch Medical Clinic's Sailor of the Quarter likes most about his current assignment is the many and varied types of learning experience that it provides.

Originally from the Philippine Islands, HM3 Dedios joined the Navy in Honolulu, Hawaii, in August 1981 hoping to take advantage of the education and training offered by the Navy.

The young sailor has been stationed at China Lake since July 1983 and has been very active in settling into the local scene. HM3 Dedios' favorite pastimes are playing the guitar, as well as studying the piano, and taking trips to the mountains to camp, fish, and hunt.

For being selected as Sailor of the Quarter, HM3 Dedios received a letter of commendation, a plaque with his name inscribed on it, and a 96-hour pass.

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 at 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 399, 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.

No. 26-092, Computer Scientist, DP-1550-2/3, Code 2622 — Responsible for requesting procurement approval and installation of microcomputers as well as the design and installation of future minicomputer systems and office automation systems. Elements: Ability to analyze and thoroughly understand the requirements of complex computational needs; communicate well; effectively work with various organizational levels; knowledge of micro minicomputers.

No. 21-A, Electronics Technician, DT-856-3/3, Code 31142 — Senior technician for WSSW work station and avionics development and maintenance. Duties include the electronic maintenance of test consoles; trouble shooting and testing of electromechanical and hardware subsystems; layout and electronic design of test consoles and related components. Work is accomplished from blueprints, drawings, sketches, and verbal instructions from the section head. Elements: Ability to work well under pressure and adjust to program changes; knowledge of electronic design techniques and processes; proficiency in equipment such as logic analyzer; skill in formalized hardware design, fabrication, documentation and maintenance standards and practices; experience in Fletcher digital design techniques is highly desirable. Status eligibles may apply.

No. 31-083, Interdis. Supt. Computer Scientist/Physicist/Electronics Engineer/Computer Specialist, DP-1550/1310/855/334-3, Code 31141 — Responsible for the planning, development and implementation of F-18 WSSW real-time simulation and facility software. Supervises the design, documentation, coding, testing and maintenance of F-18 WSSW software. Conducts software design reviews and code walkthroughs with Center and contractor personnel. Elements: Ability to supervise a multi-disciplined group; knowledge of avionics systems; ability to plan, schedule and coordinate technical work as a part of a major project; knowledge of formalized software engineering development and maintenance standards and practices; ability to support NWC EEO policies and goals.

No. 31-082, Interdis. General/Electronics/Aerospace Engineer/Physicist, Computer Scientist, Mathematician, DP-801/855/861/1310/1550/1520-3/4, Code 3103 — Responsible for avionics and tactical software including technical, management, liaison, and supervisory functions for the program manager to meet sponsor and USMC requirements. Interface with MCAIR and other contractors in planning, scheduling, coordination, and flight test areas. Establish and monitor inter/intra-departmental task agreements. Elements: Ability to prepare and implement technical programs and meet schedules; supervise or direct civilian and military personnel at all levels, including support of the EEO program. Knowledge of avionics/weapons systems.

No. C-35-044, Engineering Technician, DT-802-1, Code 3546 — Provides engineering drawing and specification review support to the configuration and data managers assigned to the Aircrew Electronic Warfare Training Ranges (AEWTR) program and Range Electronic Warfare Simulator (REWS) program. Assists in documentation reviews, building and maintaining work filing systems. KSA's: K-Data items and configuration management documents as relate to program and contractual implications; A- building and maintain master filing systems; deal with technical personnel at all levels on and off center.

No. C-45-31, Engineering Technician, DT-802-A/1, Code 8221-3 vacancies — Functions as an air controller during the conduct of RD7AE flight tests, which requires the precise positioning of test aircraft on predetermined flight trajectories. KSA's: K-Geodetic grids and interpolation of magnetic grid and true heading; general knowledge of flight test to be expended; location of instrumentation and its capabilities on the ranges. Status eligibles.

No. C-34-020, Visual Information Specialist, DA-1084-2, Code 3465 — Prepares and coordinates preparation of visual graphics for presentations and technical publications. KSA's: A-prepare visual graphics, work well with others, work under pressure and meet deadlines. Promotion pot. DA-3.

No. C-62-23, Interdisciplinary position, DP-1551/855-2/3, Code 62514 — Assists in the design of enhancements to and diagnosis of problems in the RCC Integration and Processing System (RIPS). Functional design changes to system hardware and detailed design changes to system software. Assists the RIPS Program Manager in defining work to be performed by the RIPS Operations and Maintenance Contractor and assists in the technical review of contractor performance, documentation, etc.

KSA's: K-minicomputer systems, FORTRAN, and assembly language; A-communicate effectively with NWC and contractor personnel. Status eligibles.

No. 36-161, Administrative Officer, DA-341-1/2/3, Code 36402 — Provides full range of administrative support functions, including management studies, analysis, and reporting; budget administration, and project and overhead financial management; personnel and organizational management; provides division management with recommendations/alternatives in resolving administrative issues; provides assistance in staffing, recruiting, and other personnel procedures. Elements: Abilities: Carry out studies and analysis; present findings and recommendations; exercise fiscal controls under NIP systems; deal effectively with people. Knowledge: NAVWPNCEN, Navy and DoD budget administrative processes; personnel policies, procedures, and standards; dealing with personnel actions. Promotion Potential: DA-3. Previous applicants need not reapply.

No. 36-158, Engineering Technician, DT-802-3, Code 3657 — Provides support to new and ongoing development and production programs preparing technical documentation and providing design support. Elements: Knowledge: design documentation preparation and maintenance technical systems; coordinate efforts of associates and contractors; provides plans, schedules and estimates for workload requirements and costs; participate effectively on a technical team; communicate effectively both orally and in writing. Previous applicants need not reapply.

No. 25-048, Program Analyst, DA-345-3, Code 25011 — Provides support to the OASIS Program Office, Information Systems Office and ADP/PDE Office. Works on financial models of ADP systems for functional sponsors; prepares and submits budgets; interfaces with functional sponsors on financial matters; prepares, evaluates and processes contracts and delivery orders; prepares program plans, schedules, and status reports; assists scientists and engineers in writing statements of work and independent government cost estimates; performs procurement analyses and planning. Elements: Knowledge: of NAVWPNCEN administrative, fiscal, and management processes. Abilities: to develop and carry out analyses; present findings and recommendations; work well in a team situation; work with financial data. Interest in ADP highly desirable. Promotion Potential: DP-3. This is a readvertisement and previous applicants need not reapply.

No. 22-001-84, Mess Manager, DA-1101-03, Code 2202 — Manages, directs, and supervises the operation of the club and messes on-center. Job Elements: Bachelor's degree or equivalent, extensive advanced education and/or experience in the specialty area, and otherwise meet all qualification requirements at the GS-1 level of the X-118.

No. GC-8419, Recreation Assistant, PS-0189-06, \$3.11/hr., Permanent Part-Time, Code 2221 — This is not a Civil Service position. Supervises play on the golf course, driving range, and putting green. Job Elements: Practical knowledge of the recreational area. Ability to informally demonstrate the use of golf equipment.

No. C-3-820, Lead Child Care Attendant, PS-0189-04, \$4.73/hr., Permanent Full-Time, Code 2223 — This is not a Civil Service position. Responsible for the day-to-day operation of facility. Job Elements: High school graduate or equivalent, 12 units of Early Childhood Development at college level, and one year experience working with children at the pre-school level.

No. 33-130-84, Interdisciplinary (Electronics Engineer/Computer Scientist), DP-855/1550-2/3, Code 3338 — Responsible for analysis, testing, and updating of the Phoenix DSU-26/B Target Detecting Device software and firmware. Elements: ability to plan and coordinate requirements, approaches, and success criteria; approve ECP's and coordinates directly with contractors and government organization. Job Elements: Knowledge of fundamental software/firmware engineering principles and practice. Abilities — interface with hardware designers; plan, schedule, and coordinate software projects.

No. 39-062, Interdisciplinary (Electrical Engineer/Computer Scientist/Mathematician/Physicist), DP-855/1550-2/3, Code 3923 — Dynamic requirements tracing of the Tomahawk OFS using PSL/PSA. This will require purchase and modification of PSL/PSA to meet the Tomahawk requirements. Requirements will be traced using the THREADS technique. Job Elements: Knowledge of software standards, tools and practice; ability to evaluate software and to communicate well; PSL/PSA and computer knowledge will be provided by the job training.

No. 39-460, Software Quality Specialist, DS/DP-2/3, Code 3923 — A software quality environment will need to be developed for the Tomahawk missile. This environment may be hosted on a VAX or IBM PC system and will include the methods of implementing software release management, configuration management. Job Elements: Knowledge of software quality, configuration and release management; ability to communicate well.

No. 24-111, Clerk-Typist, GS-322-3/4, Code 2405 — Incumbent types reports and miscellaneous general correspondence for fiscal information, and other job elements. Ability to type accurately and efficiently; knowledge of the rules of grammar, punctuation, and spelling; ability to work independently; knowledge of Navy correspondence policies and procedures; experience in collecting and typing statistical material.

No. 06-454, Budget Clerk/Assistant, GS-561-4/5, Code 063 — Incumbent will provide assistance and backup to a budget analyst and assigned FMA. Maintains department fiscal files, changes status of job orders, reviews and corrects erroneous labor and material charges, prepares journal entries, processes corrections of accounting data, coordinates telephone bill processing, and answers numerous queries for fiscal information, and other budgetary duties. Job Elements: Knowledge of working with figures; knowledge of Navy or NWC accounting and/or budgetary process. Promotion potential to GS-6. Status eligibles will be considered.

No. 24-112, Security Clerk (Typing), GS-303-4, or Clerk, GS-303-3, Code 2411 — Incumbent performs clerical duties which include typing of naval clearance messages and Visit Request forms; logs; filing; mailing. Job Elements: Knowledge of regulations and directives relating to travel clearances, including foreign travel; knowledge of Internal Security Branch functions; ability to effectively interface and communicate orally and in writing with personnel at all levels. Promotion potential to GS-4.

No. 39-058, Electronics Engineer, DP-855-3, Code 3926 — Performs development, test and evaluation of inertial systems and inertial systems and integration of inertial systems with navigation systems. Job Elements: JDTS. Incumbent will perform system engineering/analysis on low cost strapdown navigators for tactical disciplines. Job Relevant Criteria: Knowledge of inertial navigation concepts and mechanisms; Knowledge of software requirements of strapdown and gimbal inertial navigators; ability to work well with others; ability to communicate effectively both orally and in writing.

No. 39-066, Interdisciplinary (Electronics Engineer/Physicist/Computer Scientist), DP-855/1310/1550-3, Code 3943 — Responsible for conceptual designs and analysis of infrared missile systems. Determines the performance capabilities and limitations of existing and proposed systems. Duties include analysis and modeling of electronics associated with guidance and control systems. Job Elements: Knowledge of electronics system design principles and practices; experience in digital and analog design; ability to communicate well; and to perform assigned duties independently. Knowledge of free gyro and platform infrared systems design.

No. 12-013, Operations Research Analyst, DP-1515-2/3, Code 12 — Incumbent will be assigned to one of the program areas and will be involved in analysis studies covering a wide range of subject (analyzing performance of existing and proposed designs of weapons and components of weapons; investigating weapon requirements; projecting probable threat responses; or determining the future course of naval aviation and the Center). Job Elements: Ability to create analytical models, and to draw useful and supportable conclusions; Knowledge of operations research, costing, programming and military operations and tactics. This position could be filled from a broad range of engineering and scientific disciplines.

No. 06-041, Management Assistant, GS-344-5, Code 0821 — Branch is responsible for the management and operation of the directives, forms, files, and reports management programs. Incumbent will be in training to become the Files Management Program Representative; will be responsible for the management and operation of the directives, forms, files, and reports management programs. Incumbent provides support to the branch and serves as a contact point for its programs. Duties include: preparing requisitions for printing of forms and directives; designing simple forms; revising forms; editing simple directives; maintaining action logs and indexes for the forms and directives program; providing reference service and liaison for the branch programs; typing as required; and providing clerical support. Job Elements: Ability to: work well with others; work under pressure; communicate effectively; ability to type.

No. 06-042, Management Assistant, GS-344-4/5, Code 0821 — Branch is responsible for the management and operation of the directives, correspondence, forms, files, and reports management programs. Incumbent provides support to the branch and serves as a contact point for its programs. Duties include: preparing requisitions for printing of forms and directives; designing simple forms; revising forms; editing simple directives; maintaining action logs and indexes for the forms and directives program; providing reference service and liaison for the branch programs; typing as required; and providing clerical support. Job Elements: Ability to: work well with others; work under pressure; communicate effectively with all levels of personnel; and know how to type.

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

Ridgecrest Scorpions lose tough game to Redlands United Squad

Competing in the under 19-year-old age division of the Inland Empire Youth Soccer League (IEYSL), the Ridgecrest Scorpions were defeated 2-0 by the Redlands United shin-busters in a game played last Saturday at Redlands.

The Scorpions trailed by a score of 1-0 at the half, and the game was then cut short after just 14 minutes of play in the second half because of a hard rain accompanied by lightning that was headed straight for the playing field.

It was not known this week whether the game will go into the league records as a 2-0 win for the Redlands United, or if the major portion of the second half that remained will be played at a later date.

The young (15- and 16-year-old) Scorpions team from Ridgecrest was beaten to the ball in the midfield area by Redlands for the first 20 minutes of the contest last Saturday, but then adjusted to the pace of the game and played the opposing team on an even basis.

The Redlands United squad scored its first goal at around the midway point in the first half. According to Karl Kauffman, coach of the Scorpions, this was the only time in the 54-minute-long abbreviated contest that Brian Hayes, centerback for the Ridgecrest team, was beaten.

Burros handed 2 defeats. . .

(Continued from Page 6)

Chad Walker caused Mixon to cough up the ball.

Moving the ball well via the aerial route on passes from Barkley to Tim Lewis, Allen Celestine, and Haleman, the Burros got just inside the Stars' 20 before a pass interception by the North High safety stymied this scoring threat.

Before the half ended, however, the Burros were back knocking at the door and had the ball at the North High 4-yd. line only to run out of time before they were able to score.

Both teams drew more than their share of penalties, and it was still a 12-7 ballgame with North High in the lead early in the fourth period of play when two 15-yd. penalties assessed against the Burros put the brakes on the BHS offense, after the

Forestry officials have suggestions for deer hunters

Forest Service officials have several suggestions to those who plan to take advantage of this weekend's opening of the deer hunting season in the Sequoia National Forest.

(They also point out that hunting is legal in the national forest but not Sequoia National Park; those straying over the boundaries to shoot at deer will be prosecuted.)

Stage 1 fire restrictions apply, so campfires are permissible only in campgrounds and designated fire-safe areas. Smoking is not permitted while walking or riding horses or trailbikes. Campfire permits must be obtained at either Forest Service, Kern County, or California Department of Forestry stations.

Firearms may not be discharged within 150 yards of any dwelling or campground. Regulation shooting targets should be used, not garbage cans, signs or buildings. Special care should be taken not to shoot near or across roads.

Lots of insects are out in the forest this year because of the rains. Those who are allergic to insect stings should take special precautions to avoid getting stung.

Hunters should always leave word with their families about where they will be hunting and when they will return. Hunters should also take care to avoid exposure and exhaustion.

Only water from developed systems at recreation sites is maintained safe to drink. Water from springs, lakes, ponds and streams should be brought to a rolling boil and boiled 5 minutes before being used.

Hayes blocked at least four hard shots at the top of the penalty area as he played a very strong game, Kauffman said.

The second goal tallied by Redlands United slammed into the Scorpions' net after 5 minutes of play in the second half, following a defensive lapse in midfield by the Ridgecrest team.

Two Inland Empire Youth Soccer League games at home are on the Ridgecrest Scorpions' schedule this weekend. The Scorpions will host Victorville (a 6-0 winner over Riverside last week) at 1 p.m. Saturday at the Murray Junior High School soccer field.

Coming up on Sunday is a game between the Scorpions and Corona, a team that lost 3-1 to Apple Valley this past weekend. The Scorpions vs. Corona tilt is scheduled to get underway at 2 p.m. — also at Murray School.

Players on the Scorpions' squad that is competing in the under 19-year-old age division of the IEYSL are Jason Cherry, Brian Hayes, Neil Johnson, Mike Mills, Roger Smith, J. P. Placencia, Peter Hueber, Bill Ledden, Scott Hannon, Scott Piri, Sam Greenmun, Doug Dragovich, Brian Collier, Bill Hugo, Paul Lelis, John Peterson, Jon Bainbridge, and Joe Pakulak.

Burros had moved the ball to the North High 9 yd. line.

That turn of events gave North High the momentum it needed to put the game on ice against an outwitted, but not outfought, Burroughs High team. Buck, quarterback for the Stars, tossed a pass to Mixon, North High's speedy wide receiver, and he turned the short aerial into a 30-yd. gain.

The Stars, who threw just four passes in the game and completed all of them, then went back to their pulverizing ground game. King got the call to carry the ball and two plays later (the second of which gained 27 yds.) was in the end zone for his second touchdown of the night. This time the Stars made good on a 2-point conversion attempt as they wrapped up a hard-fought 20-7 win.

Efforts by the Burros to move the ball through the air on passes thrown by Barkley came to naught for the remainder of the contest, as the secondary defenders for the Stars (expecting a pass) were ready for it.

Coach Vejtasa had words of praise for Larry Jeffries, whose duties as center for the Burros call for him to null out and block, which he did with vigor in the North High game.

In similar fashion Mike Stanley, a 155 lb. tackle for the Ridgecrest team, was commended for "doing a heckuva job on those big guys" who played for North High, while Tony Shields, who tips the scales at 165 lb., was applauded by Coach Vejtasa for his hard running in the North High game.

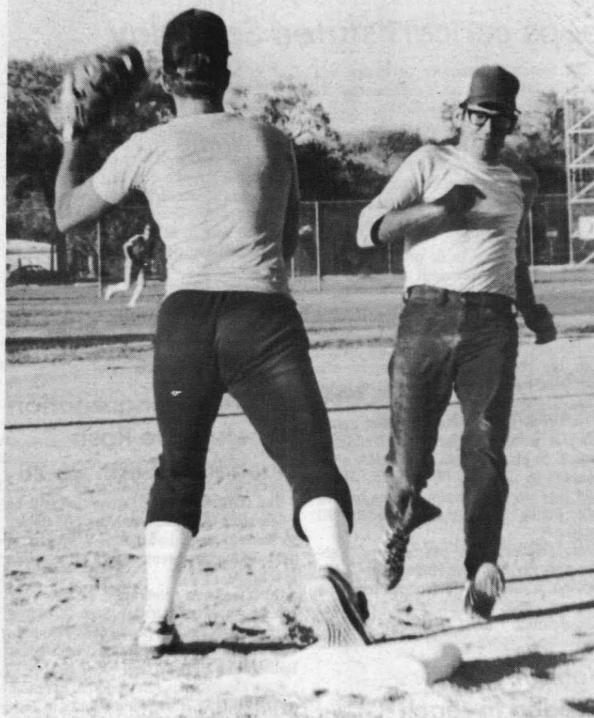
Opportunities. . .

(Continued from Page 2)

assist in files consultations; compiling statistics on the yearly volume of records; and will be the NWC liaison with the Federal Archives and Records Center. Incumbent will manage the Reports Management Program and maintain the inventory of required reports at NWC. Other duties include: analyzing and designing simple forms; revising existing forms, reviewing and editing simple directives; providing support to the branch programs; providing reference service and liaison for the branch programs; typing as required; and providing clerical support. Job Elements: Ability to: work well with others; work under pressure; communicate effectively; ability to type.

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RUNNER OUT AT THIRD — Larry Nolan, who played second base for the Bad News Bears, is a step or two late reaching third base during this bit of action in the Bears vs. VX-5 Military (slow pitch) Softball League game. Third baseman for the VX-5 Vampires is Darrell Blevis, who tagged out Nolan.

VX-5 wins softball league title. . .

(Continued from Page 6)

play, but after that the Vampires outscored their foes 17-0 to win in a romp.

Ball, the Vampires' winning pitcher, led his team at the plate with a triple and three singles in four times at bat against The Beef, while Viviano had two doubles and a single to show for his four trips to the plate.

Don Koppicky, third baseman, and Harmon, shortstop, both hit doubles for the Beef.

The Bears overpowered the Intruders by 2 weeks into season, Elks Lodge team has Premier League lead

The Elks Lodge keggers are continuing to set the pace after the first two nights of action in the new season of the Premier (scratch) Bowling League at Hall Memorial Lanes.

This past Monday night, the Elks jumped out to a 9 1/2 point lead over the second place Hooper's Group as the result of a lopsided 19-6 win over The Place.

The Hoopers were nearly as effective as they knocked off the Hideaway squad by a score of 18 1/2 points to 6 1/2 and, in so doing, took over second in the league place standings — a half-point ahead of the Olympia Beer bowlers.

High team game for the night was the 1005 rolled by the Modern Trophy team, while the Elks Lodge posted the best three-game total with a high series of 2755.

Three Premier League bowlers, led by Pat Nalley's 632, topped the 600 series mark. The others were Gary Barnes (609) and Ken Dalpiaz (608).

Those with single game scores of more than 220 were Nalley (266), Barnes (254), Allen Smith (233), Mike Campos (225), and Dalpiaz (223).

Current standings in the Premier Bowling League are:

Team	Won	Lost
Elks Lodge	39	11
Group Team	29.5	29.5
Olympia Beer	29	21
Joseph's Italian Gardens	27	23
Buggy Bath	26	24
Raytheon Sideliners	23	27
Thirty Wash Laundry	22	28
Modern Trophy	21	29
The Place	18	32
The Hideaway	15.5	34.5



Registration open for mini-triathlon planned on Oct. 27

Plans have been announced and preparations are underway for the annual mini-triathlon, an event sponsored by the NWC Recreational Services Department that will be held on Saturday, Oct. 27.

This advance notice is being provided in order that prospective entrants can work in some additional training between then and now in order to be better prepared for the competition.

Individuals can participate singly in each of three events, or form a three-member team with one member scheduled to enter each event. There will be a half-mile swim, a 25-mile bicycle race, and a 6.2-mile run.

Registration for the mini-triathlon is being handled now at the NWC gym office. For those who sign up before Monday, Oct. 1, the fee is \$10 per person. After that the registration fee has been set at \$13 for each participant.

Since a portion of the entry fee goes to cover the cost of a T-shirt for those who take part in the mini-triathlon, those who register in person at the NWC gym office should be prepared to include information on their shirt size.

Entry forms, which can be picked up at the gym, also can be mailed to: Sports Division, Code 227, Recreational Services Department, China Lake, CA 93555. All checks covering the entry fee should be made payable to the Navy Recreation Fund and include the check-writer's Social Security number.

Participants in the mini-triathlon will be placed in one of three divisions based on their age. There is a Junior Division for those 17 years of age and under; a Senior Division for persons 18 to 34 years of age; and a Masters' Division for entrants who are 35 years of age and over. Ribbons will be awarded to those finishing among the top five in each division.

A social at which light refreshments will be provided or participants can bring their own picnic lunch, will be held in the picnic area of the Chief Petty Officers' Mess at the conclusion of the 6.2-mile run, which will be the final event of the mini-triathlon. The social is for all entrants, volunteers and staff.

Additional information about the mini-triathlon can be obtained by stopping by the Center gym office Monday through Friday, from 8 a.m. to 4 p.m., or calling NWC ext. 2334.

Two losses fail to dishearten Burros gridders

Two defeats so far this season in as many games haven't dampened the spirit of the Burroughs High School varsity football team.

That's the word from Gene Vejtasa, head coach of the Burros, who will be tangling tonight on their home field with another non-league foe — the Bakersfield High School Drillers.

Kick-off time is 7:30 p.m. for the varsity contest, which is to be preceded by a sophomore game between Burroughs and Bakersfield that will get underway at 5 o'clock.

Although victory eluded the Burros by a margin of 20-7 in last Friday night's game with the North High Stars in Bakersfield, the Ridgecrest team surprised the North High gridders by marching to a quick touchdown following a fumble recovery early in the first period of play.

The Stars, heavily favored due to their size and experience, to defeat the Burros had to be stunned when Bob Willems, a defensive tackle for Burroughs, recovered

Military Softball League title won by VX-5 team

After being in a dogfight for the league lead for most of the season, the VX-5 team put together back-to-back victories over the Bad News Bears last week to win the championship of the Military (slow pitch) Softball League.

The Vampires of VX-5 were victorious by scores of 18-7 and 11-7 in a double-header that was played on the last day of the season (Wednesday, Sept. 12).

The Bad News Bears showed the stress of the title-decider as they committed 14 errors in the first game. The Bears were out-hit by only 14-13 by VX-5, but proved to be their own worst enemy by careless play.

While the Bears were in a slump, the Vampires built up a 13-0 lead in 3 1/2 innings of play, and added 2 runs in the fifth and another 3 in the sixth for their 18-run total.

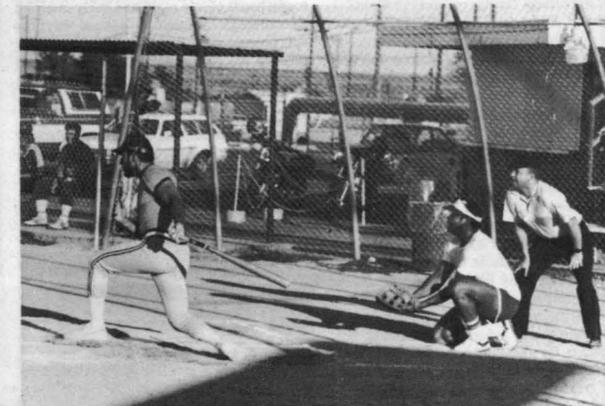
The Bad News Bears finally broke the scoring ice with 2 runs in the bottom of the fourth, and tallied 5 times in the fifth, but it was a case of too little, too late for the former league leaders.

Darrel Blevins and Jeff Cirinelli, short-stop and rover, respectively, for the VX-5 team, led their team at the plate as they each hit a triple and two singles. Between them they accounted for six RBIs — four by Blevins and two by Cirinelli.

They were joined in the VX-5 hit parade by John Bell (the winning pitcher), Tom Viviano, and Doug Cross, who had two singles each.

No one in the lineup for the Bad News Bears had an extra-base blow. Lawrence Cooper, centerfielder for the Bears, came through with some timely hitting. His two singles in three times at bat produced 3 runs for the Bears.

The Bad News Bears did better in their second game of the double-header against VX-5, but still hadn't regained their com-



CONSISTENT HITTER — Tom Viviano, a consistent hitter all season long for the VX-5 team, takes a cut at the ball in season's final games between the Vampires and the Bad News Bears. The catcher for the Bears is Sam Flowers. In the two games played to decide the Military Softball League title, Viviano had four hits (all singles) in six trips to the plate. — Photo by PHAN Greg Hogan



CLOSE PLAY AT PLATE — Jeff Cirinelli, who plays the rover position for VX-5, dives head first into home plate trying to score for the Vampires in the first of two games played last week to decide the Military Softball League championship. Sam Flowers is the catcher for the Bad News Bears. — Photo by PHAN Greg Hogan

posure, as they committed nine more errors that were combined with mental miscues.

The Vampires got off to an impressive start by scoring 4 runs in the first inning and 4 more in the second to pile up an 8-2 advantage. It was 9-2 at the midway point in the game, when a 4-run flurry by the Bears cut the Vampires' lead to 9-6.

The Bears, who out-hit VX-5 12-7 in the title-deciding game, tallied another run in the fifth and it was a 9-7 ball game until the Vampires took the pressure off themselves by pushing across 2 more runs in the sixth inning and held on to win by a final score of

11-7. Ed Pine, the VX-5 right fielder, was two for four at the plate (both singles), and Viviano had two singles in three times at bat to lead the Vampires, who were held to just seven hits — none of them for extra bases.

Long ball hitters in a losing cause for the Bad News Bears were Stu Caldwell with two doubles, and Tim Bryant, who had a 2-base hit. Randy Barton, third baseman for the Bears, batted 1.000 as he picked up three hits (all singles) in three times at bat.

Three other games also were played during the final week of the season in the Military (slow pitch) Softball League. On Monday night, VX-5 and the Bad News Bears knocked off The Beef and the Intruders by scores of 18-1 and 18-11, respectively.

During a make-up game played on Tuesday night, VX-5 came through with a much-needed 21-18 win over the NWC O's that set the stage for the championship contests on the evening of Sept. 12.

The game between VX-5 and The Beef was an abbreviated 5-inning affair. The score was tied 1-1 after the first inning of

'69 Scorpions lose 3-2 soccer game to Grand Terrace team

The '69 Scorpions soccer team (composed of players 15 years of age and under) came out on the short end of a 3-2 score in an Inland Empire Youth Soccer League (IEYSL) game played last Saturday in the San Bernardino area.

The Scorpions were edged in the league season opener by the Grand Terrace Warriors, who took advantage of a shaky start on the part of the Ridgecrest team to tally their initial goal early in the first half.

Still in the first half, the Scorpions knocked the count at 1-1 on a penalty kick goal that was hit by Matt Ziegler.

The Warriors regained the lead, 2-1, on a penalty kick in the second half, but the Scorpions battled back and eventually scored on a solo run from midfield by Matt Mechtenberg that tied the score at 2-2.

Jeremy Meyers, the Scorpions' goalie, made several critical saves in the second half, but the Warriors did succeed in breaking through for one more tally, which gave them a 3-2 win.

John Piri, coach of the Scorpions, was pleased with the midfield play of Jeff Dufendach and the skill displayed on defense by John Dykema.

The '69 Scorpions will be on the road again tomorrow for an IEYSL game at Victorville High School that will start at 11 a.m. The local team's first home game is scheduled on Saturday, Sept. 29, at 1 p.m. at the Murray Junior High athletic field. The opposing team will be the East Foothill Rowdies.

(Continued on Page 7)

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 was wondering about the question of flex time, specifically in regard to several cases during the last five years.

There have been proposals to change to a nine-hour work day with every other Friday off, and in every case I'm aware of and every employee I've spoken with, when the survey was done, everyone was in favor of that move.

No action was taken on it and no information was disseminated on the reasons for that decision or lack thereof. I was wondering if you could comment on this and maybe give us some information. Thank you.

ANSWER

Management has looked at your suggestion before. We have not only looked specifically at the notion of nine-hour work days with every other Friday off, but we have reviewed a number of other proposals relating to staggered work hours or alternative work schedules.

These alternatives were made possible by a law that was passed late in 1978 (and which, by the way, expires in early 1985). The intent of the law was to authorize experimental work schedules, the results of which could be reviewed by the Congress and which might eventually result in legislation for new and different working hours arrangements for government employees.

You are correct; we did do a survey several years ago about the notion of nine-hour work days with every other Friday off, and most people who were surveyed liked the idea. The Naval Ocean Systems Center at San Diego did go ahead with that idea, and they are still working under the arrangement today.

We did not pursue it here for a couple of reasons. One was that the Director of Navy Laboratories declared that one such experiment in the laboratory community was sufficient and indicated that he would not support another one. A second reason was that management here had some reservations about the idea. The fact is that a lot of us already work more than eight hours a day. Thus, an arrangement such as the one that is considered here would really amount to another 26 days a year of leave rather than nine days of more lengthy effort to be offset by one day off every pay period.

Make no mistake about it, the people in the laboratory community have got to be as productive and competitive as they possibly can be. Some of the management here felt that instead of a rearrangement of hours, this would effectively be a 10 percent reduction in the ability to do work. They felt that we could not afford that.

Please understand that I am not passing judgment on the experiment at NOSC. Our circumstances as a remotely located R&D activity combined with an array of test ranges are considerably different than those of an urban activity like NOSC. All I am saying is that there was a feeling both here and at DNL that one such experiment was enough.

QUESTION

Contractor Employee — This past week there was an accident in Hangar 2 serious enough that an ambulance was summoned. Due to a recent construction of barriers, blocking all entrances and exits, except for one by the EDF, the ambulance was detained and the driver was confused about how to gain entrance to the ramp.

In the past there was no problem but after this embarrassment to the EMTs, don't you think we should have at least one more exit or at least familiarize our EMTs with the new access? Thank you.

ANSWER

Yes — familiarization with existing access points has been accomplished . . . again. Also, a new access point for a quick approach to Hangars 2 and 3 will be opened in the curbing barrier adjacent to the east side of Hangar 3.

It will be painted red and plainly labeled "Emergency Vehicle Access Only!" Thanks for pointing out this problem.

Commissary Store Div. honors MS1 Bontty as Sailor of Quarter

MS1 Edward Bontty was selected recently for recognition as Sailor of the Quarter for the period of July to September by the COMSTORE group in San Diego.

Petty Officer Bontty, a mess management specialist assigned to the local Commissary Store as produce manager, is responsible for maintaining the quality of fresh fruit and vegetables available to military personnel and military retirees.

In a letter of commendation to MS1 Bontty from LCdr. R. S. Adams, Director of the Navy's Commissary Store Division in San Diego, it was noted that "Petty Officer 1st Class Bontty has consistently performed his duties in a superior manner, displaying outstanding initiative and dedication to patron service, while managing the produce operation."

MS1 Bontty also was commended for "Exhibiting a natural talent for produce merchandising that has increased sales to the highest levels ever in the China Lake store. In addition to demonstrating sound display and sales techniques, Petty Officer

Bontty consistently exhibits total involvement with patrons in his operation."

A career sailor, MS1 Bontty plans to remain in the Navy until retirement because he enjoys what he does and receives a great deal of personal satisfaction from the person-to-person contact that comes from helping Commissary store patrons.

A veteran of 11 years of military service, MS1 Bontty joined the Navy in February 1973 at his home town of Rock Falls, Ill. He has been stationed at NWC since June 29, 1983.

In his off-duty hours, MS1 Bontty prefers to stay home and do yardwork or spend time with his wife, Ludy, whom he met while stationed in the Philippines.

For being selected as Sailor of the Quarter, MS1 Bontty received a letter of commendation, two letters of appreciation — one from the chairman of the Navy Exchange and Commissary Store Advisory Board at NWC and the other from the VX-5 Wives Club, in addition to a plaque with his name engraved on it.



BOUND FOR THE BLUES — Lt. Pat Walsh, who has been operational test director for the VX-5 Vampires for the past year, looks forward to his new assignment with the Navy Flight Demonstration Team — the Blue Angels. Seen here in the cockpit of an F/A-18 Hornet, Lt. Walsh will spend the winter months training with the team in A-4 Skyhawks as they prepare for the 1985 show season that will begin next March in El Centro, Calif. — Photo by PHAN Greg Hogan

Blue Angels pick VX-5 pilot . . .

(Continued from Page 1)

missed. "Lt. Walsh has been a mainstay in the Walleye and F/A-18 programs for us," said Capt. J. E. Killian, Executive Officer of VX-5. "He is a terrific naval officer who is going to be missed a helluva lot! The Blues couldn't have selected a better candidate."

AQAN Jim Liberty, an F/A-18 plane captain responsible for making sure many of Lt. Walsh's flights were properly prepared, claims the future Blue Angel has been "one of the best pilots to work with — very easy to get along with."

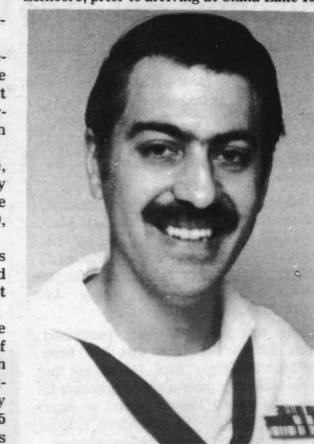
As a result of his selection to the Blues, Lt. Walsh will have a chance to visit some of his relatives when he reports to the Naval Air Station Pensacola, Fla., the home of the Blue Angels, in October.

"I am aiming to detach from VX-5 by Oct. 1," he said. "At that point, I will make the move east, begin to get settled, and catch up with the team so I can travel with them for the rest of this show season — getting used to the schedule."

Lt. Walsh plans to return to China Lake next month with the Blues when they perform on Oct. 14 at Armitage Field in celebration of the Navy's birthday.

The oldest of six children, Lt. Walsh was graduated from Jesuit College Preparatory as the "most distinguished graduate" before embarking on a four-year education at the U.S. Naval Academy, where he earned a bachelor's degree in political science in 1977.

He obtained his flight training with VA-122 at NAS Lemoore, Calif., and saw action "in the Fleet" with VA-192, also at NAS Lemoore, prior to arriving at China Lake 18



MS1 Edward Bontty

months ago. While at Lemoore, Lt. Walsh, who earned a Master of Arts degree in criminal justice, received a Navy Commendation Medal and was named Commander Light Attack Wing Pacific Junior Officer/Tailhooker of the Year for 1982.

A career-oriented naval officer who says he's having "a good time" in the Navy, Lt. Walsh feels his tour at China Lake "has been very rewarding and it will be hard to leave."

In regard to which position in the Blue Angels' formation he will be assigned to fly, or how many years he will be with the team, he says the Commanding Officer of the team will make those decisions at a later date.

Lt. Walsh had a hard time containing his enthusiasm when he was asked to describe his initial feelings upon being selected for the choice duty.

"I was pretty ecstatic!" the single, well-mannered pilot said, smiling. "I feel not only have I been selected, but also my family has been selected — they're bouncing off the walls back home in Dallas!"

After observing the remainder of the 1984 Blues' schedule, Lt. Walsh will begin to prepare for the 1985 show season for a short time in Pensacola during December.

In early January, the entire squadron will move to its winter training home at the Naval Air Facility, El Centro, Calif. The Imperial Valley provides the excellent weather conditions and training environment for the Blues to prepare themselves for the upcoming season.

For the next 60-70 days, all hands devote total concentration to honing flying skills to the fine edge of perfection required to carry on the Blue Angels' tradition. The pilots fly twice a day seven days a week, with each day beginning at 5:30 a.m. and ending in the early afternoon. For the remainder of the day the pilots are involved in a self-imposed physical fitness program. All emphasis is put on preparing the pilots and the crew for the long show season to come.

By mid- to late-March, the squadron is ready to showcase the skills and teamwork which its members have worked so diligently to perfect. Near the end of winter training, anticipation is felt throughout the unit to "get on the road" for the new season.

With his excitement and anticipation already at a high level, Lt. Walsh is prepared for his ultimate challenge.

"The chance to work with a group of highly-trained, highly-professional people means a lot in itself," he said with sincerity. "The opportunity to fly with a group like this means even more."

— by PHAN Greg Hogan



ENJOYABLE MOMENT — Capt. K. A. Dickerson, NWC Commander, congratulates Werner Hueber, head of the A-6 Aircraft Weapons Software Support Activity, on receiving the Navy Award of Merit for Group Achievement. The A-6 aircraft engineering team was presented with the award during a recent luncheon held at Clancy's Glam Co. Restaurant in Ridgecrest. —Photo by PH3 Rick Moore

Workshops, luncheon, films set for Handicap Awareness Week

Handicap Awareness Week will be celebrated at the Naval Weapons Center during the period of Oct. 15 through 19. Plans so far announced include three workshops, a luncheon and a series of films.

In addition, during the preceding week — on Thursday, Oct. 11 — the Exchange Club will sponsor a program in the Center theater featuring Hi Hopes, a musical group made up of trainable mentally retarded singers who have brought their joyous songs to audiences throughout the nation.

On Tuesday, Oct. 16, Cathy Wilkerson will present a three-hour workshop entitled "Epilepsy: It Could Be Your Problem,

Talk about tactical air combat training ranges slated Wed.

A talk about tactical air combat training ranges will highlight the next meeting of the Robber's Roost Chapter of the Association of Old Crows (Electronic Defense Association).

The meeting, which is unclassified, is open to members, their spouses, and guests, and will be held on Wednesday, Sept. 26, at the Hideaway restaurant in Ridgecrest.

A social hour starting at 6 p.m. will precede a buffet dinner. Guest speaker for the evening will be Lt. Col. Ross Truesdale, U.S. Air Force (Ret.), whose military service included duty as the Commanding Officer of a group that carried out an "aggressor role" at the Nellis Air Force Base Training Command.

Additional information can be obtained by calling either Peggy Zulkoski at NWC ext. 2951, or Joy Hiller, phone 446-5561.

Capt. Stephenson...

(Continued from Page 1)

Pearl Harbor, Hawaii, where he served as the Assistant Chief Staff for Operations, Staff CINCPACFLT.

Among his many accomplishments are two Distinguished Flying Crosses, three Air Medals, the Vietnamese Gallantry Cross with gold and silver stars, two Navy Commendation Medals with Combat "V," 38 Strike/Flight Air Medals, and the Legion of Merit. During three combat cruises, Capt. Stephenson accumulated 413 combat missions.

Married to the former Barbara Jean Perkins of Elkhart, Kan., Capt. and Mrs. Stephenson have three sons: Blair, an NROTC student at the University of Iowa; Grant, who is attending the U.S. Naval Academy; and Reed.

Group achievement award goes to NWC A-6 engineering team

During a recent awards luncheon, Capt. K. A. Dickerson, NWC Commander, presented the A-6 engineering team with the Navy Award of Merit for Group Achievement.

This honorary award may be granted by Commanding Officers to groups of employees (civilian and military) to recognize combined efforts that have high value and/or benefit to the government. Capt. Dickerson approved this award in recognition of the team effort that led to the development and validation of A-6E Aircraft Operational Flight Program (OFP) E120/220 software.

The A-6E aircraft navigation and weapon delivery system is highly sophisticated, complex, integrated avionics system incorporating a digital computer for navigation and accurate all-weather weapon delivery. The E120 OFP contains 62 changes that correct deficiencies in the previous OFP and provide improved and expanded capabilities to enhance the A-6 aircraft mission effectiveness.

Among the several tactical advantages that E120 offers are automatic delayed lasing during laser-guided bomb deliveries, automatic processing of strike attack vectoring, incorporation of the range integration method (RIM) ballistic algorithm and incorporation of ballistics for more than 20 new or modified weapons.

E120 also provides for easier forward looking infra-red radar (FLIR) reacquisition, the ability to continue to align mode after taxing, the ability to enter laser pulse-codes for a forward air controller and airborne laser designator and the removal of target data terrain avoidance.

Four changes were made to the Harpoon module in E220. Three were corrections of discovered discrepancies and one was an improved capability to the pilot auxiliary indicator panel to provide range and time readout for the Harpoon launch.

The development of E120 started with the analysis of software change proposals in April 1980. In May 1984, the Software Configuration Review Board reviewed 136 proposed changes and approved 71. The Naval Air Systems Command authorized implementation of 62.

The development of E120 was completed in February 1982 and the NWC Design Review Committee approved the recommendation to NAVAIR for release to OPEVAL. This decision was based upon the results of 890 hours of laboratory testing and 144 hours of flight testing.

OPEVAL started in June 1982 and, in April 1983, Air Test and Evaluation Squadron Five placed E120 in a deficiency status because of discrepancies and corrected those which were not related to aircraft sensor limitations of operation outside design specification.

The software changes were validated in the laboratory in 35 hours of testing and in 30 hours of flight testing. After a thorough

review by NAVAIR, CNO and OPEVFOR, E120 was delivered to VX-5 on Aug. 1, 1983, for continuation of OPEVAL. In March 1984, OPEVFOR recommended release of E120 to the Fleet.

Four hundred twenty-five laboratory hours and 47 flight hours were accumulated in support of E220 validation. In March 1984, NAVAIR approved the release of E120 and E220. Fleet introduction of both OFPs by NWC was completed in April 1984.

Fleet introduction of the NWC-developed OFP E120/220 will provide significant additional capabilities to the A-6 aircraft attack squadrons. It is the first OFP that was solely developed by an NWC engineering team in an outstanding, highly professional team effort and thus constitutes a significant milestone for the A-6 Weapons System Support Activity (WSSA) in the Aircraft Weapons Integration Department.

The completion of this development effort will add another milestone to NWC's acknowledged capability of producing high quality products for the Fleet.

Each member of the team demonstrated professionalism and dedication to supporting the Fleet. The cooperation between the team members and the interface with NAVAIR was excellent. This was especially evident during the trying period when E120 was put in deficiency status and highly complex technical and operational problems had to be resolved under high visibility and time pressure.

Team members included Werner Hueber, LCdr. Deen Poe, Lt. Tim Rivers, Bill Duncan, John Saitz, Jay Crawford, George Mills, John Dancy, Al Larsen, Barry Sage, John LaMarr, Larry Pace, Bob Campbell, Jim Cooke and Jim McManis.

Also included were Steve Underwood, Bob Perry, Bill Dykema, Jo Miller, Russell Rupp, Gerry Senn, LCdr. Jim Tankersley, ADC Daniel Evans, AQ1 Alex Rhinehart, AEAN Donald Harlan, AMH3 James Stephens, LCdr. Del Oakes, AOC Johnny Vick, AO1 Dale Oran, Cliff Degraw, and Sam Schoenhaus. In addition, Joe Mendiola, head of the Engineering Support Branch in the Range Department, accepted an award for his branch.

Class in automatic data processing offered for clerks

A class in automatic data processing for clerks and secretaries has been scheduled for the week of Oct. 15 through 19 at the Training Center.

Employees of the Office of Personnel Management will teach this class, which is intended for clerical and administrative personnel.

Employees interested in attending this class must submit a training request form via department channels in time for it to reach Code 094 by Oct. 1.

and salad, cost \$5.

Rodriguez is himself a member of a minority because his father came from Puerto Rico, his mother from Guatemala, and he spent his early childhood in Spanish Harlem in New York. The family then moved to Salinas, Calif., where their neighbors were Chicano, and eventually to Washington, D.C., where they were the only white family in a black neighborhood.

His career includes stints with the Department of the Air Force and the Civil Service Commission before moving to Stanford as the university's Affirmative Action Officer five years ago. He has lectured extensively on civil right issues at universities, corporations, federal agencies and state and local governments.

Anyone who holds a ticket for the previously scheduled date who will be unable to attend the luncheon on Sept. 26 will be able to get a refund on the ticket if it is returned to the EEO Office in the Personnel Building by 1 p.m. next Monday.

Hispanic Heritage lunch slated Sept. 26 at EM

NWC ext. 2738, promptly. Tickets for the luncheon, which features a meal of tamales, enchiladas, rice, beans



Santiago Rodriguez



TEAMWORK PAYS OFF — Key personnel involved in test flights of Project Cheap Night, a system that is now scheduled for engineering development, are shown assembled by the TA-7C Corsair II that was selected as the demonstration aircraft. The project pilots are Cdr. Mick Taylor, of VX-5 (in front seat), and Maj. T. J. Conley, USMC, who is assigned to the Marine Corps Liaison Office at NWC. Standing are (l.-r.) Don Howe, Brian Leonard and Rick

Smith, a field service engineer, a product support engineer, and a logistics engineer, respectively, all from Marconi Avionics, a British company; Don Walters, an LTV field service representative; George Mason, NWC project engineer; and Dave Waghorn, a senior systems engineer, also from Marconi Avionics. Under the aircraft wing is the pod that contains the Cheap Night navigational forward looking infra-red sensor. —Photo by PHAN Greg Hogan

Aircraft night flight capabilities enhanced...

(Continued from Page 1)

The NWC keeps track of the location of the aircraft and the intended target and provides navigation steering to the pilot on the HUD. It also positions the PMDS map so that terrain information ahead of the aircraft is always current. The PMDS further provides the pilot with situational awareness of the location of the target and terrain information for the best approach.

If the pilot wishes to see by the FLIR, he may display it on the HUD or he may wish to look ahead using only the goggles and look at the FLIR on the head-down radar display. The Tactile Display shows the back-seat safety pilot the same information the forward pilot sees on the HUD and allows him to write on the screen to identify landmarks to the forward pilot.

When all components of the system are used together, the pilot is able to use the same tactics at night that he uses during the day.

A TA-7C belonging to NWC was selected as the demonstration aircraft and an LTV team came to China Lake to install the mod package in only two weeks. The aircraft was then checked and flight testing began. Initial program planning began in October of 1983. Contracts were put in place, design completed, aircraft modification completed and equipment installed and checked ready for the first flight on April 16, 1984.

Offices at Michelson Lab to be assigned new phone numbers

As a part of the renovation work that is underway at Michelson Laboratory in the wake of the flood caused by heavy rainfall in the local area on Aug. 15, a new telephone system will be installed in the laboratory.

According to Dan Butler, Michelson Lab coordinator, this means that most telephone numbers on the main floor of the huge structure will be changed during the next two to three weeks.

In view of this, it is suggested that employees working in Michelson Lab who have children attending local schools pass along information on their new phone number (as soon as it is known) to the office at the school their child attends.

This should be done in order to enable school officials to contact parents immediately in the event of an emergency involving their child.

A total of 87 project flights were flown between mid-April and mid-September; a demanding schedule when aircraft maintenance requirements are considered. Nor were these "ordinary" project flights.

Cheap Night was normally flown after the sun had completely gone but while the moon was at least one quarter full and at least 20 degrees above the horizon. However, some test and evaluation flights were scheduled when there was no moon at all.

Since the moon rises about 55 minutes later each night and is not seen at all on many nights, the night flights usually took off between 9 p.m. and 3 a.m. Scheduling of support personnel became complex and further complicated by the requirement to turn off all the outside floodlights, runway lights and taxiway lights during the flight, thereby impacting almost all other activities at Armitage Field.

Normal work schedules were all but forgotten for the line division, flight support, tower personnel, maintenance control and aviator's equipment personnel who normally supported each flight. Even security had to make special provisions for guards at the airfield gate who had to log everyone in and out in the dark.

Because of the critical time schedule of the high-level people, including the Secretary of the Navy, who came to NWC for the demonstration flights, unscheduled maintenance problems that occurred on the aircraft had to be treated with the utmost priority which drew aviation electricians,

Suggestions, queries sought for Security Seminar in October

China Lake personnel who have any questions they wish to ask, suggestions they wish to make or any other concerns that they would like to have addressed at the "Security '84" Seminar, which is to be held in mid-October, should return their Audience Participation questionnaires promptly to Wallace Martin, Code 3444.

So far, more than 100 China Lakers have taken the time and trouble to fill out and return the questionnaires; these are proving very helpful to ensure that the "Security '84" Seminar will cover the points and answer the questions that NWC employees and Military personnel consider important.

Questionnaires should be sent through guard mail so that they will reach Martin by Wednesday, Oct. 3.

Retirement party set next Thursday at COM for Capt. Vaught

All Naval Weapons Center personnel and friends are invited to attend a retirement party for Capt. Scotty Vaught, Chief Staff Officer, that will be held next Thursday, Sept. 27, on the lanai of the Commissioned Officers' Mess.

The evening's festivities will begin with a social hour at 6:30, to be followed by presentations at 7:15. Each attendee will be asked for \$4 to cover the cost of hors d'oeuvres.

Those who plan to attend are asked to telephone Kathy Trigg, NWC ext. 2634, so that a name tag can be prepared in advance.

By mistake, date omitted from story about IEEE luncheon

Murphy's law struck twice last week in the Rocketeer when a date was inadvertently omitted from the announcement of the Monday luncheon meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE).

The luncheon will be next Monday (Sept. 24, that is) in the Chart Room of the Commissioned Officers' Mess.

Speakers at the meeting will be Jim Annos and Jerry Stevens, who will discuss "What's So Special About the AD10 Computer?"

The Rocketeer apologizes to those who were inconvenienced by the error.

Police reports...

Burglary of a residence in the 300 block of Sellars Circle was reported to China Lake police shortly before 11 p.m. on Thursday, Sept. 13.

The prowler was made off with \$110 in cash that had been stored in a glass jar. There was no sign of forced entry.

Navy Hotline

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

—By Ann Soto



REASON TO CELEBRATE — Capt. Roger Flower, Commanding Officer of Air Test and Evaluation Squadron Five (VX-5); AVCM Earl Warner, VX-5 Maintenance Chief; and LCdr. Wes Maughan, VX-5 Maintenance Officer, prepare to cut into a cake that was prepared in recognition of an outstanding squadron milestone: for the first time in five years, no VX-5 aircraft is involved in "SPINTAC," a special interest aircraft program for aircraft not on flying status due to long-term maintenance problems.