



**WORTHWHILE ENDEAVOR** — NWC Fire Chief Lee O'Laughlin and Irene Rizzardini, a member of the Desert Flames, women's auxiliary of the China Lake Fire Division, watch as Dick Johnson (at right), NWC Director of Safety and Security, presents a check for \$109.32 to Tomya Stensaas, president of the Desert Flames. The money was raised during a charity softball game held at Reardon Field on Labor Day between two teams composed of local firefighters. — Photo by PH1 Benita Tetreault

## China Lake Players schedule 4-performance run of 'Gin Game'

Curtain time is scheduled tonight at 8:15 for the first of four performances of the China Lake Players' production of "The Gin Game."

This drama (recommended for adults due to the language used) revolves around the relationships of two husband-wife teams who meet in a retirement home and find companionship while playing gin rummy.

The local actors in this tragic-comedy written by D. L. Coburn are Rudyard and Natalie Stone. This will be the last theatrical venture here for the Stones, since he will be

**Watercolor expert to present program at art league meeting**

Members, guests and potential members of the Desert Art League will gather on Monday at 7:30 p.m. at the Richmond School auditorium when Peggy Gray, from Bishop, will present a watercolor demonstration.

Mrs. Gray will develop a mountain landscape from a loose, abstract background that will emphasize possibilities and techniques that can be used to achieve a realistic painting.

Everyone interested in painting techniques, whether amateur or professional, is welcome.

This is the beginning of the 25th year that the Desert Art League has been organized in the community; a special anniversary cake will be served after the program to celebrate the league's silver anniversary.

## Weekend Roundup

Dinner, dancing and a floor show all are on tap this evening for members and guests at the Chief Petty Officers' Club.

According to Dick Davis, CPO Club manager, the Sloe Gin Fizz, a local dance band led by Jeff Cameron, will play for the listening and dancing pleasure of CPO Club patrons from 8:30 p.m. until midnight.

Part of the evening's program will be a floor show at around 10 p.m. patterned around a tribute to the late Elvis Presley.

Special entrees on the CPO Club menu, for dinners that will be served from 6 to 9 p.m., will be Icelandic cod and prime rib of beef.

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Ramblin' Fever, a musical group composed of four local Navy enlisted men, will entertain tonight at the Enlisted Mess (Open). The music will start at 9 o'clock and continue until 1:30 a.m.

In addition to the regular dinner menu, the special tonight in the EM dining room will be T-bone steaks served from 6 to 9 o'clock. Those wishing to dine out tomorrow evening at the EM can select a shrimp or a top sirloin steak dinner.

## Festival parade tomorrow will be highlight of Desert Empire Fair

It's fairtime again in the Indian Wells Valley, and among the highlights of this year's Desert Empire Fair (DEF), which began Wednesday evening and will continue through Sunday, will be a parade starting at 10 a.m. tomorrow on North China Lake Boulevard in Ridgecrest.

"Endless Summer" is the theme of the 1983 DEF parade, which will begin at the intersection of French Street and North China Lake Boulevard. The route for the festive procession will follow Ridgecrest's main street to a dispersal point at the triangle formed by the junction of China Lake Boulevard and Inyokern Road.

Riding in the prologue of the parade, which will be led by a color guard from the NWC Division of the Sea Cadet Corps, will be Capt. Melvin Etheridge, USN (Ret.), Commander of the Naval Weapons Center during the period of 1967-70, who is grand marshal of this year's event.

### DIVISION MARSHALS CHOSEN

Division marshals, selected for this honor because of their involvement in community affairs, are Barbara Kramer and Bill Maddux, presidents of the China Lake and Ridgecrest Little Leagues, respectively; Jim Lewis, a member of the Sierra Sands Unified School District Board of Education; Audrey Nelson, a former manager of the Ridgecrest Chamber of Commerce who is now serving on the Kern County Board of Trade; Pat Youngblood, a 4H Club leader and moving force behind the Doodads annual charity horse show; and John Parlet, local businessman who owns John's Pizza.

According to Roberta Leighton, director of the parade, the division marshals will be dispersed at intervals among the parade entries, which this year have fallen considerably in number even though the deadline was extended.

### PRINCIPAL PARADE CATEGORIES

Principal categories in the parade competition are equestrian, bands, majorettes, drum majors, color guards, drill teams, floats and a miscellaneous category that includes decorated vehicles and bicycles, antique automobiles, clowns and novelty entries.

In addition to the musicians from Burroughs High School, or other bands that will be providing a solid musical beat for marchers and other participants in the parade include those from Murray and James Monroe Junior High Schools. Each of the bands will also be accompanied by its own majorettes and drill team.

There also will be another appearance in the Desert Empire Fair parade by the Ken Robinson Dixieland Band, and the Kern County Shrine Club is sending a clown unit from Bakersfield.

The Dust Devils Auto Club will have a contingent of dragsters and a float entered in the parade, and the High Desert Fire

Prevention Association has prepared a float in keeping with the "Outdoor Recreation and Fire Safety" theme of Fire Prevention Week (Oct. 2 through 8).

Following the parade, the fairground gates will open at 12 noon and the awards won by the parade participants will be presented starting at 1 p.m. in the rodeo arena, where the Dust Devils' drag racers will be on display.

Fairgoers will find a wide variety of carnival and midway attractions brought here by Butzer Amusements of Fontana, as well as food and refreshment booths that are being operated as fund-raisers by local clubs and organizations.

Entertainment and contests on the fairgrounds tonight will include Star Spectrum aerobics and a magical puppet family show at 6:30 and 8 p.m., respectively, as well as a whiskerino contest, a root beer drinking contest, and the best dressed western contest at 6, 7 and 8 o'clock.

Professional entertainment, and the times it is scheduled, is as follows:

**On Saturday** — Rimrock Red and his trained dog, Jubal, 1 p.m.; Flamenco Dancers, 3 and 8 p.m.; Valdivia's Folklorico Ballet, 7:30 p.m.; and the Tennessee Valley Blue Grass band with vocalist Emma Pollock, 9 p.m.

**On Sunday** — Rimrock Red and Jubal, 1:30 p.m.; Flamenco Dancers, 3 and 7:30 p.m.; and the Tennessee Valley Blue Grass Boys, 4:30 p.m.

On Saturday afternoon there will be a watermelon eating contest (4 p.m.) and a pie eating contest (5 p.m.). Other contests include a tortoise race (2 p.m.) and a bubble gum blowing contest (4 p.m.) — both on Sunday.

General admission to the fairgrounds is \$1 for adults and 50 cents for children 7 to 12 years of age. Children 6 years of age and under will be admitted free of charge. Vehicle parking in the Desert Empire Fair's lighted 13-acre parking lot is \$1 per vehicle.

Bargain-priced coupons (five for \$2) are on sale at the Desert Empire Fair office and at many business places in Ridgecrest. These coupons are good for admission to the various carnival rides on the midway.

### 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.**

FRI., SAT., SUN	SEPTEMBER 23, 24, 25	"TOOTSIE" Starring Dustin Hoffman and Jessica Lange (Comedy, rated PG, 117 min.)
MONDAY	SEPTEMBER 26	"SOMETHING WICKED THIS WAY COMES" Starring Jason Robards and Jonathan Pryce (Mystery/Drama, rated PG, 95 min.)
WEDNESDAY	SEPTEMBER 28	"TOUGH ENOUGH" Starring Dennis Quaid and Carlene Watkins (Action/Drama, rated PG, 106 min.)
FRIDAY	SEPTEMBER 30	"MAN, WOMAN AND CHILD" Starring Martin Sheen and Blythe Danner (Drama, rated PG, 101 min.)

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From: \_\_\_\_\_

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**PREPARING FOR SHOW** — Anne Brake works on pottery like that which will be displayed at the Sylvia Winslow Gallery of the Maturango Museum starting tomorrow. All local residents are invited to attend a reception for the ceramist at the gallery on Sunday from 2 to 4 p.m. Approximately 37 pieces of Ms. Brake's unusual pottery will be on display at the museum until Oct. 24.



NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

## Simulated space shuttle booster drop proves value of new parachute system

The heaviest object ever to be tested at the parachute drop test range of the Naval Weapons Center floated gently to earth last Friday when a simulation of the Space Shuttle booster was dropped from a NASA B-52 aircraft at an altitude of 20,000 feet.

Object of the test, one of six in a planned series, is to check out a new parachute system that will be employed so the booster can be reused for future Space Shuttle flights. The booster provides the large amount of thrust required to lift the Shuttle into orbit, and then is jettisoned two minutes after liftoff.

When the 160,000-pound booster is jettisoned, a series of three parachutes is deployed to lower it to earth so that it can be recovered and reused.

Considerable impact damage has been sustained by the booster during the Space Shuttle flights that have occurred in the past. The new system now being tested uses a 136-foot-diameter parachute that will slow the booster's descent to about 66 feet per second.

In actuality, the test on Sept. 16 was of a Drop Test Vehicle that simulated the weight of the booster, because the booster itself is too large to be carried aloft externally on an aircraft and then dropped.

The weight of the Drop Test Vehicle or dummy booster is 49,000 pounds, about one-third of the actual Shuttle booster weight of 80 tons. The main parachute structural test objective, therefore, is accomplished by utilizing only one 136-foot-diameter main parachute instead of a cluster of three main parachutes used during the actual Shuttle booster recovery.

The recovery subsystem accomplishes its objectives by sequential deployment of five

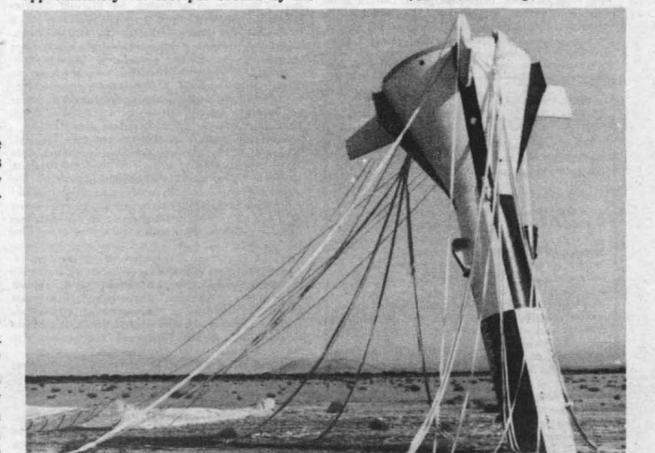
different parachute systems: a two-foot vane chute, 11.5-foot nose cap extraction chute, 11.5-foot pilot chute, 54-foot drogue chute, and finally the 136-foot main recovery parachute. Only the last three parachute systems are used on the actual Shuttle booster recovery sequence.

The B-52 released the test vehicle at an altitude of about 20,000 feet and a velocity of 200 knots indicated air speed. After release, the test vehicle free fell for 10 seconds during which time the speed increased to approximately 640 feet per second by the

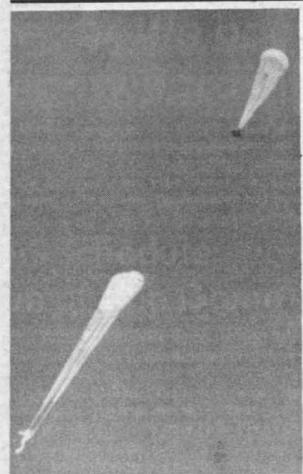
time the drogue chute deployed and started to decelerate the test vehicle. The final rate of descent under the main chute was about 66 feet per second, and the total descent time from release to impact was about 3 minutes.

The Drop Test Vehicle, manufactured by Martin Marietta, arrived at the Center on Jan. 21 and was checked out by contractor personnel before being transported to Edwards Air Force Base for the test. At Edwards, it was checked once more before

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**DOWN AT LAST** — After a 3-minute descent decelerated by a series of five parachutes of increasing size, the 49,000-pound Drop Test Vehicle buries 5 feet of its nose in the soft dirt at the NWC Parachute Drop Zone. — Photo by PH2 Terry Pascarella



**SUCCESSFUL DEPLOYMENT** — The 136-foot main parachute starts to open to decelerate the Drop Test Vehicle as the drogue chute and frustum (above) float gently earthward.

## Inadvertent launch of Skipper missile under investigation

A Skipper missile without a warhead was inadvertently launched on Tuesday about 7:20 a.m. over an isolated section of the desert west of the Center's boundaries near the southern tip of Haiwee Reservoir.

Skipper is an interim low-cost, increased standoff, ship attack weapon that uses a Shrike rocket motor for propulsion. It is under development at NWC.

The missile was being carried by an Air Test and Evaluation Squadron Five A-6E Intruder aircraft. No injuries or damage were reported.

Members of the Indian Wells Valley Search and Rescue team and the China Lake Mountain Rescue Group joined with Center personnel in an effort to locate the missile that was reported by three ranchers to have impacted on Federal land.

An investigation is being conducted to determine the cause of the firing.



**SHARING INFORMATION** — Leslie O'Neill, who becomes head of the OASIS program office at the start of the new fiscal year, points out to Don Green, STAFS program manager, some of the features of the new Supply System program. Some of the functions that will be handled by OASIS initially will be taken over by the automated financial system when it becomes operational. — Photo by PHAN Rebecca Gill

## On-line Automated Supply Information System will be implemented at start of 1984 fiscal year

The start of fiscal year 1984 brings with it the implementation of a wholly new supply system: the On-line Automated Supply Information System (OASIS).

This paperless system is exceptionally user-friendly. It transmits orders through

the procurement processing steps electronically, thereby speeding the process, as well as dramatically cutting the potential for errors.

The system is designed to be used by personnel who have little computer background. In each supply area, a few employees will be trained to use OASIS and they will then be able to teach their colleagues and co-workers.

This ease of training and use is possible because OASIS has a series of menus—questions whose answers call up the appropriate form. The forms are basically fill-in-the-blank type forms. If an inappropriate number is filled in, the system flashes the equivalent of "tilt" and beeps politely to call the operator's attention to the error.

Errors can then be corrected immediately by the person entering the data while the original document is still at hand. No "suspend" files will be needed to try to trace mistakes.

The Center as a whole also will benefit from OASIS. Each customer will be able to track the status of an order from the submission of a stub through the whole system via the individual's own computer terminal.

In addition, managers and administrators will be able to call up from the database reports on the total numbers of stubs submitted against any one job order number for any particular time frame. Audit trails are also clear and easily tracked.

OASIS has been demonstrated to several

hundred customers and users and the response has uniformly been enthusiastic about the new system. One reason for such enthusiastic response is that the ideas of a wide range of users and customers were involved in the many reviews that OASIS has been subjected to during its developmental phases; it has had the same number and type of reviews ordinarily accorded only to large hardware projects.

Early successful reviews led to full funding in September 1982 at \$1.255 million. The critical design review was completed, and the contractor (Computer Sciences Corporation) began programming a Digital Equipment Corporation VAX 11/780 computer.

The VAX was chosen as the primary computer to make the OASIS fully compatible with the Standard Automated Financial System (STAFS), a Washington-mandated system that will be operational in 1985 when it will begin performing some of the functions new being incorporated into OASIS.

The first one-third of the OASIS programming was completed and demonstrated in May; the second, by the end of August; and the final third will be completed by the start of the new fiscal year.

Since OASIS is one of the modules of the Center's corporate database, OASIS will use Central Computer Facility computing resources. In particular, OASIS will be the

(Continued on Page 5)

**Announcement No. 08-038, Data Base Administrator, DP-314.3, PAC No. 830851, Code 08B1** — This position will be a staff position reporting to the Head, STAFS Project Office on an interim basis with the permanent code to be determined at a later date. This position is for the Data Base Administrator (DBA) for the Standard Automated Financial System (STAFS) to be implemented at NWC. The DBA is responsible for the definition and performance of actions which effect the STAFS Data Base performance and integrity and the operation of the system as a whole. The incumbent serves as the principal point of contact with the system development agent and the Center in all matters pertaining to operation of the STAFS data base software at NWC. The major functions of the DBA include data definition, measurement and improvement; operational and security control; and system consultation and user interface. **Job Relevant Criteria:** Knowledge and experience in automated business data processing techniques including software and interactive data base management system (DBMS) techniques; ability to effectively communicate orally and in writing with all levels of organization at NWC, other government agencies and industry; ability to supervise; ability to work under stress and pressure; support EEO and affirmative action plans. VAX 11 DBMS experience desirable, but not mandatory.

**Announcement No. 08-039, Accounting Technician, GS-525-4/5, PD No. 790894, Code 08A2** — This position is located in the Cost Accounting Branch, Accounting and Disbursing Division of the Office of Finance and Management. The incumbent performs a variety of comparable duties on a rotating basis. Such duties include responsibility of control and maintenance of a segment of Cost Accounting records covering a wide variety of orders which include, but are not limited to, orders to other government agencies, negotiated contracts, purchase orders, delivery orders, task orders, and blanket purchase agreements chargeable to the Navy Industrial Fund. **Job Relevant Criteria:** Ability to work with figures; ability to perform routine clerical duties; ability to maintain a high level of accuracy in work requiring close attention to detail.

**Announcement No. 33-031, Administrative Officer, DA-241-1/2, Code 3355** — This position is located in the Bomb Fuse Program Office, Electromechanical Division of the Fuse and Sensor Department. The incumbent is responsible for financial management in the form of tracking expenditures, planning and preparing budgets, work units, air tasks, and interdepartmental task agreements for the Bomb Fuse Program Office. The in-

### Secretarial opportunities

This column is used to announce secretarial positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels of organizations apply a considerable knowledge of organization, its objectives and lines of communication. Depending on grade level, typical secretarial duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental resume is required and may be obtained at Room 100 in the Personnel Building. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

**Announcement No. 31-146, Secretary (Typing), Code 3144** — This position is located in the Weapons Integration Branch, Code 3144 and provides clerical and administrative support to that office. Status eligibles may apply.

**Announcement No. 38-008, Secretary (Typing), GS-318-4/5, PD No. 8131023N, Code 385** — This position is that of Branch Secretary in the Chemistry Division, Research Department. Incumbent provides clerical support to the branches and administrative officer. Occasional acts for division secretary. Previous applicants need not reapply.

**Announcement No. C-42-21, Secretary (Typing), GS-318-5/6, Code 625** — The incumbent will report to the division head, providing clerical and administrative support. Status eligibles may apply. Previous applicants need not reapply.

**Announcement No. C-42-29, Secretary (Typing), GS-318-3/4, Code 626** — The incumbent will provide support to personnel of the Electro-Optical Branch, Radar Branch, and Range Instrumentation Division of the Range Department.

**Announcement No. 34-388, Secretary (Typing), GS-318-4, Code 245** — This position has promotion potential to GS-5. This position serves as secretary to the head, Housing Division, Public Works Department.

## The Rocketeer

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## Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 585 Blandy, Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All other 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 X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

position interfaces with the NAVAIRSYSCOM and other sponsors to provide NAVWPNCEN budgets and work units. The incumbent will also be responsible for tasks connected with contract administration, procurement, equipment control, security, and facilities. **Job Relevant Criteria:** Knowledge relevant to NAVWPNCEN in the administrative areas of budget, supply, and facilities and security; ability to analyze financial information; ability to communicate both orally and in writing; ability to deal effectively with a wide variety of people.

**Announcement No. 32-084, Interdisciplinary, Supervisory Chemist/Chemical Engineer/Mechanical or Aerospace Engineer, DP-891-3/20/830-3/4, PAC No. 803260E52, Code 3244** — This position is as the head, Applied Science Branch, Advanced Technology Division, Ordnance Systems Department. The Branch conducts interdisciplinary applied research and engineering development in broad spectrum of modern ordnance-related technology. The incumbent is responsible to the Division Head in planning the technical direction and overall operation of the Branch. **Job Relevant Criteria:** Ability to supervise and provide leadership to a multidisciplinary group of research chemists, engineers, technicians and clerical support; experience in propulsion systems, explosives and propellants, ballistics, ammunition, and gun systems, missile fuels, and materials science; ability to communicate both orally and in writing; experience in fiscal management and manpower planning; willingness to accept EEO goals and policies; Scientist will be reassigned as a DP-3 with promotion potential to DP-4.

**Announcement No. 25-030, Procurement Clerk (Typing), GS-1106-4, PD No. 8025017N, (Multiple vacancies), Code 2522** — These positions are located in the Small Purchase Branch of the Contracts Division, Supply Department. The incumbents are responsible for providing clerical support in the form of typing, filing, compiling data, maintaining logs, and performing follow-up on action item suspense dates for a wide variety of contractual actions. In addition, the incumbent receives visitors and telephone calls, providing contact information as required. The incumbent will make extensive use of state-of-the-art On-Line Automated Supply Information System (OASIS). Program potential is to the GS-5 but is not guaranteed. **Job Relevant Criteria:** Knowledge of correspondence regulations, grammar, spelling, and contractual terminology; ability to meet and deal with people effectively; ability to prioritize work under heavy workload conditions.

**Announcement No. C-42-28, Supervisory Engineering Technician, DT-802-3, PAC No. 8142577E, Code 4211** — This position is head of the Mechanical/Ordnance Support Section (Code 82117). Ballistics Test Branch, Ordnance Test & Evaluation Division, Range Department. Incumbent will provide technical and administrative direction to engineering technicians and ordnance mechanics. The section is responsible for setting up propulsion and related static ordnance tests throughout the general Skytop test area. Also, the section is involved in the repair and modification of test fixtures, hardware, and support equipment. **Job Relevant Criteria:** Ability to technically and administratively direct a workforce in an effective manner; comprehensive knowledge/understanding of field trades and materials; ability to work with personnel at all levels; ability to safely direct test operations involving live ordnance; and a willingness to support NWC EEO policies and goals.

**Announcement No. 36-73, Quality Assurance/Electronics Technician, DS/DT-1910/856-3, PAC No. 832668E02, Code 3681** — This position is located in the Soldering Technology Product Assurance Division, Research Department. The incumbent of this position will apply and implement quality assurance/quality control techniques and principles to ensure that supplies and services delivered to the government meet quality functions throughout the product life cycle. **Job Relevant Criteria:** Knowledge of procedures, standards, and instructions applicable to Government Soldering Programs; ability to communicate effectively, both orally and in writing; ability to perform contractor quality assurance surveys and audits, report the findings and determine any corrective action to be taken. Status eligible applicants may apply. Applicants who applied for Announcement No. 3661 need not reapply.

**Announcement No. 34-010, Interdisciplinary, Supervisory Librarian, Visual Information Officer, Supervisory Technical Publications Writer/Editor (PS&E), DP-1410/1001/1083-3, PAC No. 8134507E99, Code 343** — This

Manager. A 6 Program Office is responsible for all project technical activities. This includes the weapon integration tasks, system engineering tasks, subsystem engineering and tactical software engineering tasks. In addition, the 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; interest in and potential to handle people problems (EEO). If filled at the DP-3 level, position has potential to the DP-4 level; however, promotion is not guaranteed.

**Announcement No. 38-010, Digital Computer Systems Administrator, DP-301-3, PAC No. 833859J, Code 3872** — This position is located in the Computer Services Branch, Computer Sciences Division, of the Research Department. The Computer Services Branch is responsible for the acquisition, operation, and maintenance of automatic data processing (ADP) equipment and system software for the NWC Central Computing Facility (CCF). The incumbent will be head, Computer Operations Section. The personnel of the Operations Section operate a Sperry 100/83 VAX 780, Honeywell Page Processing System, COMP 80 microfilm system and related peripheral systems. The incumbent will be giving technical direction to operations personnel, establishing and documenting operations procedures, providing an on the job operator training program, and establishing and monitoring work stations. The incumbent will schedule and monitor the system use and workload, plan and coordinate installation and movement of hardware, coordinate hardware maintenance, and emergency maintenance with the various vendors. **Job Relevant Criteria:** Ability to run a computer center operation; ability to supervise and provide leadership; ability to communicate well (both orally and in writing); ability to plan a project; a solid knowledge of the operation of a large scale computer facility in a service environment (experience with equipment listed above highly desirable); willingness of the ability to support the Center's EEO efforts. Status eligibles may apply.

**Announcement No. 38-009, Mechanical Engineering Technician, DT-802-11/111, PAC 833594E1S, Code 3892** — This position is located in the Propulsion Research Branch. The incumbent will provide support to program managers by originating and developing special test setups and test procedures for use on the T-Burner test apparatus. The incumbent will also develop devices to facilitate the propellant testing process as necessary. He/she will conceive, plan, design, and fabricate test devices of limited scope and complexity. **Job Relevant Criteria:** Must be able to be qualified as a firing officer; knowledge of and experience in handling and machining or cutting of solid propellant; knowledge of safety procedures involved with propellant.

**Announcement No. 35-207, Interdisciplinary Position (Physicist, Mathematician, Electronics Engineer, Computer Scientist) DP-1310/1520/855/1550-2/3, PAC No. 8335709, Code 3511** — This position is that of software engineer in the High Speed Anti-Radiation Missile (HARM) Software Support Activity (SSA). This effort is provided as part of the Computer and Software Systems Branch, which has project management, and software technology development. The incumbent performs as a member of the team responsible for software testing, documentation, and data reduction tools for the Facilities Section. The incumbent would be responsible for performing operational software analysis, design, development, testing and evaluation. The incumbent actively uses software development and documentation guidelines. The user environment includes numerous software engineers involved in various aspects of project development emphasizing structured analysis and design. Emphasis is placed on tools for productivity enhancement. Hardware, in addition to missile avionics, includes multiple VAX processors augmented by super-micros and array processors which required Experience with real time assembly language programming is preferable. **Job Relevant Criteria:** Ability to use a professional approach to software development; ability to interface and communicate orally and in writing with people at NWC and with off Center sponsors and contractors; must have experience designing and writing structured code in at least one High Order Language; ability and willingness to support NWC EEO policies and goals.

**Announcement No. 31-147, A-6 Deputy Program Manager: Interdisciplinary Supervisory General Engineer, Mechanical Engineer, Electrical Engineer, Electronics Engineer, Aerospace Engineer, Physicist, DP-3/4, PAC No. 8331679, Code 3104** — The Deputy Program

(Continued on Page 7)

### Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the evaluation and placement program for the reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. NWC is an Equal Opportunity Employer.

**Announcement No. 35-201, Multidisciplinary (Physicist/Mathematician, Electronics Engineer, Computer Scientist) DP-1310, 1520, 855, 1550-3, PAC No. 8335487, Code 3511** — This position is for a software engineer to head a Software Test Facility Section for the Highspeed Anti-Radiation Missile (HARM) Software Support Activity (SSA). This effort is provided as part of the Computer and Software Systems Branch, which also has project responsibilities including software tool development, software project management, and software technology development. The incumbent manages the team responsible for all aspects of test and support of HARM Fleet delivered software, including ground support equipment software. The user environment includes numerous software engineers involved in various aspects of project development emphasizing structured analysis and design. Emphasis is placed on tools for productivity enhancement. Hardware includes multiple VAX processors augmented by super-micros and array processors which required. To apply for this position forward an up to date SF-171 to Richard Fryer, Code 3511, (phone NWC ext. 2951). Applications accepted from status eligibles. Previous applicants need not reapply.

**Announcement No. 39-038, Supervisory Interdisciplinary General Electronics/Mechanical Engineer/Physicist) DP-801/855/830/1310-4, PAC No. 8339604, Code 3907** — This position serves as the Deputy Program Manager in the Tomahawk Cruise Missile Program Office. The incumbent is responsible for assisting in the overall planning, direction, coordination, and management of the Cruise Missile program performed at the Naval Weapons Center. He/she performs as a line manager of the program office personnel and thus must assist the Program Manager in providing performance goals, assessments and other normal supervisory functions. **Job Relevant Criteria:** Must have broad spectrum of technical knowledge and experience appropriate for Cruise missile systems and

DIVINE SERVICES	
PROTESTANT	
Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Masses	0700 & 0830
Daily Mass (except Sunday)	1135
JEWISH	
Friday in the East Wing	1930
UNITARIAN	
Sunday, Annex 95, as announced	1930

## Burros gridders edged . . .

(Continued from Page 6)

On a next play, a pass interference penalty in the end zone cost the Stars 15 yds. as the gun sounded ending the half.

The penalty gave the Burros one more play with the ball on the North High 20. The coaches called on Means to try a long field goal, which appeared to have the height and distance, but drifted off to the right and missed.

Lewis set up the second BHS score of the game with a wide sweep and a sprint down the left sideline that gained 39 yds. before he was knocked out of bounds at the North High 11 yd. line. There was near disaster on the next play, when Means fumbled the ball while under pressure trying to get off a pass.

The stellar BHS quarterback made up for his miscue moments later by pitching a strike to Delgado in the end zone, and also added the PAT on a kick that cut the North High Lead in to 21-14.

During the latter stages of the third quarter, the two teams exchanged fumbles. David Hawkins recovered a loose ball on the North High 38, and the Burros appeared to be touchdown bound only to cough up the ball themselves after a 6-yd. gain by Lewis to the Stars' 14.

Just when the Burros had North High backed up in its own territory, Jimmy Mitchell, touted as the Stars' ace running back, broke loose through the middle of the line for 60 yds. and a first down on the BHS 16. The speedy Mitchell was overhauled by the even-faster Lewis to prevent a sure touchdown.

Four running plays later, however, the

## Catfish caught at Lake Isabella sets record in California

The happy angler at Lake Isabella who caught a white catfish weighing nearly 16 pounds a week or so ago is going to find his name in the record books: the fish established a California record for its species.

Word got out about the monster catfish; as a result, anglers gathered in great quantities last weekend in the south fork area of the lake. While lots of white and channel catfish and bullheads were caught, none of them matched the monster reeled in earlier.

Anyone planning to head over to the lake for catfish should get either cut-up mackerel or use worms for bait.

Small bluegill are still being caught all around Lake Isabella. The hot weather has largely stopped trout fishing in Isabella; some are being taken from the Kern River, however, and lots from the small streams in the high country.

The only bass being taken are being caught by wily anglers who are thoroughly familiar with the lake (and with the habits of bass in it).

Once the weather cools off, fishing should improve markedly.

Stars ground out a touchdown as Darin Poe punched it over from the 3. Another PAT by Mitchell boosted the Stars' lead to 28-14 with 10 min. left to play in the game.

It took the Burros only 2½ min. to get back into the ball game with a pass from Means to David Hawkins that gained 46 yds. Hawkins, who was loose over the middle, eluded several defenders while covering the final 20 yds. to paydirt. The PAT by Means cut the North High lead to 28-21 with a little more than 7 min. of the fourth quarter showing on the scoreboard clock.

A hard hit on the ensuing kick-off return by North led to a fumble that was recovered for the Burroughs by Jessie Martin on the Stars' 31 yd. line.

A loss of 9 on a pass by Means was followed by aerials that were completed to Delgado for a first down at the North 21, to Hawkins for 8 more to the 13, and to Lewis, who sprinted to the North High 3 for another first down.

Two plays later, Means kept the ball and plunged over for a touchdown that left the Burros a point shy of tying the game.

North High was penalized on the first 2 point PAT try, as Means scrambled trying to get off a pass. Given another opportunity, the call was a pithout to Lewis, who was cut down before he could get into the end zone.

The never-say-die Burros tried an on-side kick that was covered by one of the North High linemen at the Stars' 48, and the visitors then went into their patented ball control, ground game and were able to run out the clock and win by a final margin of 28-27.

The Burroughs sophomores won the preliminary game by a score of 22-0 over the North High jayvee squad.

## Deer season open; animals plentiful, but well scattered

Deer hunters whose tags entitled them to hunt in the X-9 zone got their opportunity to go after a venison roast on the hoof last weekend; those whose tags are for D-8, D-9 and X-10 zones will have the same opportunity tomorrow morning when these zones open.

While a lot of deer can be found, they will take more looking for than usual. The heavy rains and snows of last winter ensured that lots of forage is available throughout all hunting areas, so the deer are well scattered.

Hunter pressure was down considerably in the X-9 zone last weekend. Fewer permits were issued, and a number of hunters who had permits apparently decided to sit out the opening day.

Department of Fish and Game wardens suggest that whether the hunters are numerous or sparse, they should all still take extra care in shooting. Deer are legal, provided the hunter has the proper license; another hunter is not a legal target. Hunters are also alerted to be careful about where their bullets might ricochet.



**ON THE ATTACK** — Scott Piri (at left), midfielder for the Ridgecrest Scorpions youth soccer team, outrattles a fullback defending for the Corona Spurs in this bit of action during last afternoon's game at the Murray Junior High soccer field. The referee watching the play is Klaus Schadow. The visitors from Corona won this contest by a final score of 3-2. — Photo by PH2 Dennis Mugglin

## Employee service awards

The following Naval Weapons Center employees have received federal service or NWC length-of-service awards:



**Donald G. Gerrick** 35 yrs. Fed'1 Service Code 3555  
**Delbert W. Mathias** 30 yrs. Fed'1 Service Code 3556  
**Frank L. Parker** 25 yrs. Fed'1 Service Code 3331  
**Eldon E. Chipp** 25 yrs. Fed'1 Service Code 26435



**James D. Rost** 20 yrs. Fed'1 Service Code 64124  
**Edward C. Duff** 20 yrs. Fed'1 Service Code 26420  
**Marvin A. Hunter** 20 yrs. Fed'1 Service Code 2649  
**Robert L. Johnson** 25 yrs. Fed'1 Service Code 3336

## Ridgecrest Scorpions soccer team defeated 3-2 by Coronans

Despite steady improvement in teamwork and ball handling, the 14-15-year-old team of the Ridgecrest Scorpions' Soccer Club came out on the short end of a 3-2 final score in an Inland Empire Youth Soccer League game played here last Saturday against the Corona Spurs.

The loss to the Spurs was the second in a row for the Scorpions, who have another home game coming up at 2 p.m. Sunday on the Murray Junior High soccer field, where the opposition will be provided by the Claremont United Eagles.

How extensively the Scorpions dominated their game with the Corona Spurs is revealed by the fact that the local team got off 28 shots at the net, compared to 6 for the Spurs.

The Scorpions, however, were forcing their shots when a more patient style of play, something that Coach Karl Kauffman feels will come as the team gains additional experience, would have been more advantageous — particularly in the hectic, closing minutes of the game when the Ridgecrest team trailed by a margin of 3-2.

The game's first goal last Saturday was tallied by the Corona Spurs, who staged a successful counterattack on the Scorpions' goal following a misplaced throw by the home team's goalie.

This score, the only goal of the first half, came with 27 minutes still left to play in the 40 min. half.

The Spurs, who were two players short of having a full team, made up for this deficit by quickly taking advantage of any miscues. Just 2 minutes into the second half, the Scorpions were unable to clear a corner kick, and the Spurs "burned" them on this by scoring their second goal of the game.

The Scorpions started to make their comeback when Scott Piri got up off the ground after being fouled and booted a free

### Pre-season practice set

### for youth soccer players

A pre-season practice for fourth, fifth, and sixth graders who have registered for the fall season of the Youth Soccer league will be held tomorrow from 8:30 to 10:30 a.m. at Davidove Field.

Purpose of the practice session, which is to be conducted by Dave Mechtenberg, is to help the young players to sharpen up their soccer-playing skills in preparation for the start of the new season on Saturday, Oct. 1.

Participants in this practice session should bring their own soccer ball.

### Opportunities . . .

(Continued from Page 2)

development, test, validation, verification and modification of operational flight programs exercised in the tactical computers of the F-18 aircraft. Based on functional requirements provided by the branch head, the incumbent will develop and implement WSSF test capabilities using facility and contractor support personnel. The incumbent is responsible for the design of multi-computer based real-time software (F-18 system modeling, I/O drivers, utility software) and hardware (digital interfaces, avionics). It will be required of the incumbent to identify tasks and milestones done by others under his technical direction. The incumbent will be expected to become familiar with the F-18 Mission Computer System and Stores Management System. The incumbent will be under the supervision of the Code 3114 branch head who will set broad technical guidelines for laboratory development. **Job Relevant Criteria:** Ability to direct and provide leadership to a multidisciplinary group; ability to communicate well, both orally and in writing; ability to plan a project from concept to completion; experience in developing avionic and commercial computer system architectures; familiarity with digital system design practices and structured software development; familiarity with MIL-STD 1679.

Bill Ludden followed the shot into the goal to make sure it was completely over the line, and the pressure was on with 18 min. remaining to play before time elapsed in the second half.

Although the Scorpions were on attack constantly during the final 10 min. of the game, they were unable to come up with a sequence of plays that could produce any more scoring.

### Training class

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

**Math 477.005, Theory of Probability**, at Training Center, Oct. 3 to Dec. 14, Mondays from 4 to 9 p.m., including 1-hr. break for dinner. Instructor is Dr. Frank Reed, of Cal-State Bakersfield.



Lt. Brice Hammerstein

### China Laker receives trophy for placing third in 10-km. run

The Naval Weapons Center was represented well by Lt. Brice Hammerstein last week during the Southern Pacific Regional Cross Country Championship run held at the Naval Submarine Base in San Diego.

Lt. Hammerstein, who reported aboard recently as Food Services Officer at NWC, placed third in the open division of this 10-kilometer race.

The China Laker, whose time was 42 min., 52 sec., was fourth best overall, in addition to finishing in third place in the open division. He received a trophy for his efforts.

A veteran of 11 years of active duty in the Navy, the NWC Food Services Officer was transferred here four months ago from duty on board the USS Bronstein, a frigate homebased in San Diego.

His interest in distance running began 16 years ago when he was a junior at San Geronio High School in San Bernardino and, during his college days in San Bernardino, he competed as a distance runner for the Culver City Athletic Club.

Since being transferred here, he has joined the Over-the-Hill Track Club. As a distance runner, his preference is 5- and 10-kilometer events.

### IWV Youth Dart League formed, first matches held

The newly formed Indian Well Valley Youth Dart League held its first meeting recently at C&Y Darts and Betty's Dart Pub.

In the initial matches Betty's Shatters defeated the C&Y Darts Lil Devs by a score of 6 to 5, and Double Trouble ruined the day for Betty's No. 2 by the same score.

The new league is mainly for youths between the ages of 13 and 17, but all young people under the age of 21 can join.

Further information about the league can be obtained by telephoning either Cliff Yokota or Yvonne Willard at 375-3161.

## Burros lose 28-27 squeaker to North High Stars

Not a win — but oh so close. That's how the cookie crumbled last Friday night at the Burroughs High athletic field for the Burros varsity football team, which lost 28-27 to the North High (Bakersfield) Stars.

Refusing to go for a near-certain single point on a kick for the PAT that would have tied the contest at 28-28, the Burros elected to attempt a 2-pointer after a touchdown late in the fourth quarter, only to have the ball carrier (Timmy Lewis) pulled down short of the end zone.

Tonight it's out of the frying pan and into the fire for the varsity gridders from Ridgecrest, who will take on the always-potent Bakersfield High Drillers in Bakersfield. A sophomore contest at 5 p.m. will precede the 7:30 varsity tilt.

Improvement is what the Burroughs players, coaches and fans were looking for, and improvement is what they got in game No. 2 of the '83 season against North High.

Following a return of the game-opening kickoff by Randy Agnon to the BHS 32, the Burros marched 68 downfield to score in 4½ min. of play.

The drive started with a 32 yard gain on a pass from Daniel Means, BHS quarterback, to Timmy Lewis, running back, and ended with an aerial from Means to Agnon, halfback, that picked up 21 yards and the first 6 points of the ball game. Means added the PAT on a kick — giving Burroughs a 7-0 lead.

In even less time than it took the Burros to score, North High drove 80 yards to put the ball in the end zone, add the PAT on a kick and tie the score at 7-7.

The Stars utilized well their ball control, ground game in this drive, which was sparked by the running of quarterback Tony Napier. When the Stars needed 12 yards for a first down during their initial possession of the ball from scrimmage, Napier got that and more with a 23-yd. romp to the North High 40.

Napier also climaxed this drive by taking advantage of good blocking to gain 30 yards on two plays and a touchdown. Jimmy Mitchell kicked the extra point and it was a new ball game.

The visitors from North High tallied another touchdown in the first quarter and again in the second quarter to leave the field at halftime with a comfortable lead of 21-7.

Jeff Thompson's interception of an errant pass by Means, who threw the ball while trying to elude heavy pressure that he received most of the night on passing plays, led to TD No. 2 for the Stars.

The pick-off by Thompson gave the Stars the ball on the BHS 15, and two plays later Napier kept the ball and sprinted around right end for his second touchdown of the

### Free workshop on bike maintenance, safety set Saturday

All bicyclist over the age of 12 and all motorists are invited to attend a free workshop on safety and maintenance of 10-speed bicycles that will be held tomorrow from 10 a.m. until noon.

The workshop, which is sponsored by the Recreation Services Department, will be held at the NWC Youth Center.

It will include discussion on how to negotiate traffic at intersections and how to let motorists know what to expect. Maintenance procedures to be taught include lubrication and adjustments on brakes, hubs, the drive train and other parts. The instructor will show a film, and free literature will be distributed.

All those who either bring or ride their 10-speed bikes can also receive a free safety inspection of their bicycles.

Chuck Lewis, a local veteran cyclist, will be the workshop instructor, while T. J. Frisbee, of T. J. Frisbee Bicycles in Ridgecrest, will assist with the bicycle inspections.

Anyone seeking further information should telephone either the NWC Recreation Services Office at NWC ext. 2081 or Lewis at 375-9580.

night. Mitchell, who had put the ball in scoring position with 12-yd. gain to the Burros' 3, added the PAT on a kick to make it 14-7 in favor of North High with 2½ minutes left to play in the first quarter.

Midway through the second period, Napier topped off a North High drive that began at around midfield with another quarterback keeper play for a touchdown. This play, a wide sweep to the left, covered the final 16 yds. to paydirt, and Mitchell



**NWC VARSITY PRACTICES** — With football season well underway, can the roundball season be far away? Not at the Naval Weapons Center gym, where the NWC varsity is practicing in preparation for its first games of the 1983-84 season on Oct. 8-9 at Nellis Air Force Base in Las Vegas. In this intrasquad matchup, players poised to go for a possible rebound are Phil Patton (at right), and (l.-r.) Kevin Williams and Jeff Lynn. Those with their backs to the camera are Isaac Walters (shirt) and Otis Fisher.

### Fall-winter season of bowling underway in Premier League

The second night of competition in the fall-winter season for bowlers in the Premier (scratch) League took place this past Monday at Hall Memorial Lanes.

For the second week in a row, Premier League keglers continued to blister the local lanes — showing no apparent letdown despite the summer layoff.

Individual pace-setters were John Gould, Brad Royer and Gary Barnes, all of whom had a triple 200 series. Gould fashioned a 681 on the strength of single game scores of 222, 256, and 203. Royer's 669 series included games of 233, 212, and 224, while Barnes had a 645 series with single game scores of 208, 215, and 222.

Teams now vying on Monday nights in the Premier League are competing for the lion's share of 25 points that are calculated as follows:

Each team bowls three games, with the winner receiving 2 points for each game (total of 6 points possible).

In addition, 4 points are allotted to the team that wins the 3-game series over its opponent, and, in the head-to-head individual matchups, five bowlers roll three games each. This makes for an additional 15 points to be divided with 1 point going to the bowler who wins each game over his opponent.

The Raytheon Sidewinders took over the league lead on Monday night as the result of

booted the PAT to make it a 21-7 ballgame.

During their next possession of the ball, the Burros put together a drive of 36 yds. that ran out of gas on the North High 38. A 19-yd. run by Timmy Lewis was the highlight of this drive.

With seconds clicking off before the end of the first half, Means connected on a pass to wide receiver James Delgado for a gain of 22 yds. and a first down at the North High 35.

(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 just came through the main gate around midnight. There was a driver there who did not have a car sticker. While the gate guard talked to him about it, the whole line of traffic was held up. We sat there for about 10 minutes before we could come through the main gate.

Would it not be possible to let the people with authorized decals go through the gate while the detained person waits out of the way of traffic? This would avoid traffic being backed all the way down on Inyokern Road. Thank you very much.

### ANSWER

I will reemphasize the problem to our gate guards and try to keep the traffic moving.

The system is designed to preclude unnecessary delays or traffic back-up at the main gate. The security guard is supposed to use judgment in the length of time spent dealing with a visitor.

If the delay is excessive, the driver is asked to pull to the right side of the road and wait for the arrival of the police or guard supervisor to deal with the problem. I don't know the circumstances of your particular incident, but, as with all systems, there apparently was a breakdown.

### QUESTION

**Civilian employee**—Can we change "Junior Professional" to "New Professional?" When you're called a "junior," it's rather demeaning. Thank you.

### ANSWER

I don't see the use of the term "Junior Professional" as a problem. It has been in use for the at least 30 years on Center, is used in our recruiting and has not created problems.

We have Junior Professional and Senior Professional, Junior Staff and Senior Staff. If we used the term "New Professionals," then would we use the term "Old Professionals?"

Also, we have materials, instructions, etc., that would become outdated if we changed the term. Sorry, I'm going to keep JP in use.

## Parachute test successful . . .

(Continued from Page 1)

being suspended beneath the NASA B-52 aircraft, from which it was then dropped after being flown to NWC's range area. (Because of the weight of the Drop Test Vehicle, the B-52 needed the longest runway possible — and an area where winds would be less than 5 miles per hour at the time of takeoff.)

Winds over the drop area on the Center were measured at 200-foot increments by Rawin balloons that were sent aloft earlier; on the basis of this information, the decision was made where the test vehicle would actually be released to ensure that it would descend within the drop zone.

Present to see the test from a viewing area safely removed from the probable impact were personnel from the National Aeronautics and Space Administration, Martin Marietta, Pioneer Parachute, and Sandia Laboratories.

The recovery subsystem is being developed by NASA Marshall Space Flight Center. Prime contractor is Martin Marietta, Denver Division. The parachute

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**AT REST** — The trustum for the Drop Test Vehicle that contained the drogue chute sits on the ground in the Parachute Drop Zone at NWC awaiting gathering up of the drogue so it can be re-packaged for the next test series. — Photo by PH2 Terry Pascarella



**BEST WISHES** — Maj. Steve Czonska, Air Force Liaison Officer at NWC, passes Capt. K. A. Dickerson, Center Commander, a piece of birthday cake during the Monday morning Commander's meeting. The cake was prepared for this local recognition of the 36th anniversary of the Air Force as a separate service. — Photo by PHAN Greg Hogan

## Plans under way for air show, open house at NWC on Nov. 5

Plans are well under way to make the open house and airshow on Saturday, Nov. 5, honoring the Center's 40th anniversary a memorable event.

The gates will open at 9 a.m. Static displays of more than 70 vintage and modern aircraft, plus other exhibits in Hangar 3 will keep all visitors interested until the start of a massive airshow at 11 a.m.

The airshow has two portions: in the first will be aerobatic demonstrations and demonstrations of World War II aircraft and tactics. This segment will then lead to the last scheduled public flight demonstration by the Northrup F-20 Tigershark, the same performance that was flown at the Paris air show.

The second portion of the air show highlights NWC's own aviators flying in the variety of aircraft now in the Center's inventory — from the C-8 Buffalo to the F-18 Hornet.

The focus will move next to the Michelson Laboratory complex, with exterior displays including a group of antique and World War II military vehicles and full-scale models of many of the missiles developed locally.

The Michelson Laboratory open house will

be more extensive than any in recent years. Laboratories scheduled to be open include the IR lab, electro-optics seeker lab, simulation lab, Harpoon lab, and the scanning electron microscope.

Extensive fuzing, electronic warfare, and missile component displays are planned.

Computer demonstrations include interactive graphics as well as computer-aided-design and computer-aided-manufacturing that will show off the enhanced capabilities of the main machine shop.

Visitors also will be able to hear a discussion of Soviet technology and the threat it poses to the defense of the United States, as presented by a Center expert in that field.

Old test films are also going to be screened, along with newer films made by the Technical Information Department.

Old timers (and their friends) are also invited to a gathering that will be held from 2 to 3:30 p.m. at the Enlisted Mess, where they will be able to meet with old friends and co-workers and enjoy reminiscing.

Additional exhibits are still in the planning stages, but those already confirmed will be enough to make the day outstanding for visitors and China Lakers of all ages.

## 40TH ANNIVERSARY REFLECTIONS

*At the end of World War II, the Navy's Bureau of Ordnance assumed command of the Naval Ordnance Test Station (now Naval Weapons Center) that was growing out of the dusty Indian Wells Valley floor.*

*The Atomic Energy Commission began construction of the Salt Wells Pilot Plant for nonnuclear explosive components of atomic bombs (and found that burros, bobcats, and snakes tended to enter buildings if any doors were left open during the frequent night work).*

*Michelson Laboratory was completed and dedicated in May 1948, ready to go full speed with the beginning of the Korean conflict in 1950.*

*During this conflict, NOTS was notified of a potential tank threat to the forces in Korea. Within 28 days, a 6.5-inch antitank aircraft rocket (Project Ram) was developed, tested, pilot-produced and delivered by air to the fighting forces overseas. The initial lot of rockets was actually put together in the corridors of Michelson Laboratory by scientists, engineers, technicians and secretaries — everyone with any sort of assembly skills who could be spared briefly from other tasks.*

*Other NOTS-developed weapons introduced to the Fleet during this time included Weapon A (12.75-inch rocket) in 1951; Mighty Mouse (2.75-inch folding fin aircraft rocket) in 1952; and the Mk 32 Mod 2 antisubmarine torpedo in 1954.*

*Facilities were also being built at the new Navy base. These included the Supersonic Naval Ordnance Research Track (SNORT), Randsburg Wash Test Activities, the G-4 range, T range, K-3 range, and permanent facilities for the G-1 and G-2 guided missile ranges.*



**PRESENTATION MADE** — Capt. K. A. Dickerson, NWC Commander, who also serves as President of the China Lake Branch of the Navy Relief Society, joins in the applause as Joyce Dinnage, executive director of the group from Long Beach, presents Lilliane Greene with the NRS Meritorious Service Award. Mrs. Greene has been serving as local chairman of volunteers for NRS.

—Photo by PHAN Rebecca Gill

## Workshops, luncheon scheduled by Handicap Program Committee

The employment of the disabled, an untapped human resource, will be the emphasis of a day of workshops and a luncheon sponsored by the Center's Handicap Program Sub-committee on Thursday, Oct. 6.

The workshops will be conducted by Pete Anderson, Executive Director of the National Disability/Substance Abuse Task Force. Both will cover the same topics dealing with the employment of the disabled, and both provide EEO credit for supervisors who attend.

The first workshop will run from 8 to 10:30 a.m.; the other, from 1:30 to 4 p.m. Anyone wishing to sign up for either session should submit a Request for On-Center Training to Code 094 through appropriate channels no later than Oct. 3.

Anderson will also be the guest speaker at a luncheon to be held at the Enlisted Mess at 11:30 a.m.

Menu choices for the luncheon are either a chef's salad or beef Stroganoff, at \$4.25 per

## NWC employees challenged

## Needs of Hispanic youth for role models in career fields stressed

Richard Jimenez, speaker at the Sept. 14 luncheon honoring Hispanic Heritage Week at NWC, challenged those present to play a personal role in opening new professional horizons for Hispanics.

"You need to motivate the unmotivated, inform the uninformed, and support programs that are working," he said.

"Be a doer. We've got lots of talkers, but we need people who are willing to be active and dedicated, to roll up their sleeves and develop a game plan."

The need to involve California's Hispanics in bettering their position, he pointed out, is crucial. While currently the 4.5 million Hispanics in California comprise 20 percent of the state's population, by the turn of the century, the number will have risen to 30 percent, and by the year 2030, 42 percent of all Californians will be Hispanic.

Despite these high population figures, only 3.5 percent of California doctors and lawyers are Hispanic, 5 percent of the engineers, 6 percent of the teachers, 9 percent of the technicians — but 72 percent of the farm workers are.

Jimenez believes that Hispanic families and the educational system share equal blame for these shocking statistics.

Most Hispanic parents are not aware of what professional opportunities exist for their children, he said, and most children only contemplate following the same career paths of their parents because they don't know that there are many alternatives.

Pointing out that he himself grew up in a barrio in Los Angeles, he said that he had been lucky enough to have parents who tried to impress on him that high school and college were the beginning of a career—but he said that "I lived a 2.2 grade-point lifestyle in high school and when I started college. Only when I got into academic difficulty in college and a member of the

person. Tickets must be purchased by the close of business on Monday, Oct. 3. They may be obtained either from Tina Rockdale, the Center's Handicap Program Manager; at the EEO office in the Personnel Building, 505 Blandly Ave.; or from members of the Handicap Program.

Members, and their telephone numbers are: Jerry Richer, NWC ext. 5025; Nancy Finney-Swallow, NWC ext. 6249 or 6329; Marge Zinke, NWC ext. 5226; Josh Enders, 3411, ext. 278; Jerry Stein, NWC ext. 2018; Ken Freund, 3411, ext. 455; Bill Bethke, NWC ext. 2577; Anita Paiz, NWC ext. 2736; and Pat Stowell, NWC ext. 3411.

Ms. Rockdale can be contacted at the EEO office by calling NWC ext. 3129 or 2348.



## NRS Meritorious Service Award presented to Lilliane Greene

The exceptional contribution made to the China Lake Branch of the Navy Relief Society by Lilliane Greene was recognized last Friday evening when Mrs. Greene was presented the Society's Meritorious Service Award.

Only a few—usually less than five—of these awards are presented nationally each year.

Mrs. Greene's nomination (made by Lt. E. R. Torrence, Executive Director of the local branch) had to be approved by Lt. Gen. J. J. Bronar, USMC, who is the national NRS President; the award itself was then made jointly by Joyce Dinnage, Executive Director of the Long Beach Auxiliary, and Capt. K. A. Dickerson, NWC Commander, who is president of the local chapter.

The nomination states that the year that Mrs. Greene served as local chairman of volunteers has been a high point in the history of the China Lake Branch in terms of recruiting and training of volunteers, in assistance provided to Navy and Marine Corps personnel, number of volunteer hours recorded, accuracy and efficiency in office procedures, and high morale among volunteers.

Mrs. Greene has contributed more than 1,000 volunteer hours to NRS, and leaves the group now only due to the occasion of her husband's retirement from active duty.

She initially took the NRS course in 1965, but did not begin serving as a volunteer to any extent until 1972. She says that as she became more aware of the scope of the activities of the NRS, she became increasingly involved as a volunteer, and

## Northridge advisors due

The California State University Northridge advisors for the external master's degree program in mechanical engineering and electrical engineering at China Lake will be on board next Friday, Sept. 30.

Students already enrolled in either program as well as those who are interested in enrolling can make an appointment to see the advisors by telephoning Kit Driscoll at NWC ext. 2648.

Society for Professional Hispanic Engineers coached me and got me a summer job did I realize the alternatives that were open."

The time that those professional men spent with him changed his life, he said, and he believes that everyone who is concerned must be willing to serve as a role model and guide to help young Hispanics become aware of the opportunities that exist.

"We need also to stress the importance of a strong fundamental education," he said, "for everyone of all groups — Hispanics, Black, whites — if we are to keep our country strong."

Jimenez believes that all students need a

rigorous educational background with emphasis on science, English and mathematics, and that all students need to be counseled about the merits of an education, that this should not be limited to counseling of minorities.

"Here is where industry must take a part," he declared. In the past, industry's answer has been to offer money, according to Jimenez; money is important, but what is even more important is that industry (and members of the government such as Center employees) offer aid to the educational system by volunteering instruction and by counseling students.



**COMPARING NOTES** — Pete Medina (l.), the Center's Hispanic Employment Program Manager, and Richard Jimenez, a professional engineer who was the featured speaker at the Hispanic Heritage Week luncheon on Sept. 14, compare notes about the recruitment of Hispanic professional personnel.

—Photo by PHAN Greg Hogan

last year, after Capt. Greene was transferred to China Lake, she accepted the position as Chairman of Volunteers for the local branch.

She plans to continue service as a volunteer after they leave this area because she says that "I've found it such a satisfying way of life."

Since currently the Greens plan to head to Montana—not the location of many NRS offices—Mrs. Greene feels that her volunteer service will probably be with the American Heart Association or the Red Cross. She has been actively involved previously with both groups.

## Fiscal year-end timecards must be turned in Sept. 30

All personnel who are responsible for the submission of timecards are reminded that due to the closing of fiscal year 1983, it will be necessary for month-end timecards dated Sept. 30, 1983, to be turned in to the Payroll Office by 11:15 a.m. next Friday, Sept. 30.

These year-end timecards may be picked up when turning in regular timecards today.

Getting the fiscal year-end timecards to the Payroll Office by 11:15 a.m. on Sept. 30 is necessary in order to meet the payroll work deadlines for the end of the fiscal year.

No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Sept. 30 deadline may result in a delay in pay, as well as incomplete data for year-end computations.

Timecards for those employees with scheduled straight time hours still remaining on Saturday, Oct. 1, can be picked up on Friday, Sept. 30, and are to be returned to the Payroll Office by 4:30 p.m. that day — citing the appropriate FY 1984 job orders.

"Hard work and dedication are the answers to opening doors leading to success," Jimenez told the large audience.

Jimenez, former national president of the Society of Hispanic Professional Engineers, is currently manager of Technology Planning in the Space Technology Directorate of the Aero Space Corporation, a major consultant of the Air Force Space Division Directorate in Albuquerque, N.M.

The luncheon last week opened with a welcome to those assembled from Capt. K. A. Dickerson, NWC Commander, who noted that the day was set aside to honor the Hispanics who had done so much to enrich the lives of everyone present.

He said that Everett Alvarez, one of the first pilots shot down in the war in Vietnam, had served as a major source of inspiration for him while he himself was flying combat missions because of the courage and dedication that Alvarez had exemplified.

Pete Medina, the Center's Hispanic Employment Program Manager, chaired the luncheon program. After initial introductions of members of the Hispanic Employment Program Committee, he noted that Hispanic Heritage Week was designated to occur during the same week that Mexico gained its independence — Sept. 16, 1821.

After saying that the Center employed 85 Hispanics, 17 of whom were either scientists or engineers, he pointed out that one of these, Alvaro G. Lopez, was the only nominee from the Federal government for the coveted 1983 Hispanics in Technology Award presented by the Society of Hispanic Professional Engineers.

Since Lopez was unable to be present, Don Herigstad accepted a picture on his behalf that was presented by the Hispanic Employment Program in honor of his nomination for the prestigious award.



**4 DECADES OF SERVICE** — Capt. K. A. Dickerson, NWC Commander, fastens a 40-year Federal length-of-service award onto the shirt collar of Ralph D. Diaz, who is the latest of a group of four China Lake employees to be honored for their longevity in federal service.

—Photo by PHAN Greg Hogan

## PW employee completes federal service in excess of four decades

A 40-year Federal length-of-service award was presented recently to Ralph G. Diaz, a ceramic tile plate setter employed in the Building Trades Branch of the Public Works Department's Maintenance Utilities Division.

Presentation of the 40-year pin and certificate was made by Capt. K. A. Dickerson during a ceremony in the NWC Commander's office.

The more than 40 years of Federal service that have been logged by Diaz began in 1942 in Los Angeles when he enlisted in the Navy — beginning an active duty Navy career that continued for nearly 22 years.

Diaz, trained as an aviation ordnance man, began his Navy service as a ground crewman and aerial gunner. His World War II record included participation in the Guadalcanal campaign and at Vella Lavella in the Solomon Islands; numerous bombing raids on the Japanese fortress island of Truk, and participation in the fighting to drive the Japanese from the Island of Saipan.

His postwar service included a two-year assignment to the Naval Station at Glencoe, Ga., where Diaz was an aerial gunner and aircraft rigger for lighter-than-air aircraft.

He subsequently was assigned to various

## Protective coating to be applied on parking areas, sts.

Motorists in the main site area of the Naval Weapons Center are cautioned to be on the lookout today, tomorrow and Sunday for workmen who will be applying a protective coating of slurry seal to a number of parking areas.

Today, slurry seal will be applied to parking lots located adjacent to the Military Administration Building and Telmart.

This same work, all of which is being handled by the Asphalt Construction Co. of Lancaster, also is scheduled on Saturday at parking areas located within Michelson Laboratory's fenced-in compound.

On Sunday, workmen will be focusing their attention on the traffic circle, on Blandly Avenue from Knox Road to Lauritsen Avenue, a portion of the Headquarters Building circle, and the parking areas for both the main Public Works Department building (No. 981) and the Carpenter Shop building located just east of Bldg. 981.

Purpose of the slurry seal coating is to rejuvenate the asphalt pavement.

units and based in the San Diego area for 11 years before being transferred to China Lake in 1959 as a member of Air Test and Evaluation Squadron Five (VX-5). An Aviation Ordnanceman First Class, Diaz served initially with VX-5 as the senior petty officer in charge of the Ordnance Shop.

Following a 3-year tour here with VX-5, he was transferred to NAS, Miramar, in 1962 and retired from active duty in the Navy in November 1963.

His first move after being discharged from the Navy was to join the Civil Service work force at China Lake a month later as a laborer in the Public Works Department.

Since that time, more than 19½ years ago, Diaz has been employed as a helper (general), and cement finisher, prior to becoming a ceramic tile and plate setter.

During his years at the Naval Weapons Center, the latest local recipient of a Federal 40-year length-of-service award has been the recipient of three Superior Achievement Awards.

## OASIS to be implemented . . .

(Continued from Page 1)  
priority use on CCF's VAX "B." Other modules, such as the one for the Public Works Department, will also use CCF resources.

While both the OASIS program manager and the Public Works Information System program manager have a line reporting responsibility to their respective department heads, they functionally report to Nils Wagenhals, the Corporate Database Manager in the Office of the Director of Computer Applications. This ensures that the corporate point of view—what is best for the Center as a whole—is always considered.

Work on OASIS began in the summer of 1981 when Capt. Gerry Lee, NWC Director of Supply, requested a replacement for procurement and inventory control systems that were not working well, were too labor intensive, and were too costly.

Both other laboratories and the marketplace were surveyed to determine if an appropriate system was already in existence; finding none, the decision was made to design and implement a new system at NWC. The OASIS Program Office compiled all the ideas and suggestions they had accumulated in their market survey and synthesized these into the system that has become OASIS.

At the start of the new fiscal year, the initial implementation of the system will be with the small purchase function of the

## Fire Prevention Week activities begin with booth at local fair

An expanded schedule of events has been laid out for this year's observance of Fire Prevention Week by firefighters from the NWC Safety and Security Department's Fire Division.

Getting the jump on the traditional observance of Fire Prevention Week (Oct. 2 through 8) firefighters from China Lake opened a booth in Joshua Hall this past Wednesday night on the fairgrounds in Ridgecrest, and will have a float entered tomorrow morning in the annual Desert Empire Fair parade.

A variety of printed information on fire prevention and safety tips aimed at heading off the danger of fire is being distributed at the booth, the cost of which has been provided by the Desert Flames, women's auxiliary of the China Lake Fire Division.

The parade float is a joint effort of the High Desert Fire Prevention Association, which includes not only the firefighters at China Lake, but also the Kern County Fire Department, the Bakersfield office of the Bureau of Land Management, and the U.S. Forest Service, Kernville.

The Naval Weapons Center Fire Division invites all local residents to join in the observance of Fire Prevention Week, which commemorates the Chicago fire of 1871 in which 250 people lost their lives.

"Outdoor Recreation and Fire Safety" is the 1983 theme of Fire Prevention Week, and local activities will center around providing information to school children.

A series of programs are planned on Monday, Tuesday and Wednesday, Oct. 3, 4 and 5, starting at 9:30 a.m. at the Center theater. A film, skits, and short talks are scheduled to further reinforce information of life-saving value on the subject of fire prevention that will be provided for the benefit of students in the first through sixth grades.

In addition, family groups are encouraged to visit Fire Station No. 1 (corner of East Inyokern Road and Lauritsen Road) anytime from 9 a.m. to 8 p.m. during the period of Oct. 2 through 8.

For those interested, special arrangements can be made to visit Fire Station No. 3 at Armitage Airfield.

On display during Fire Prevention Week at NWC's main fire station will be the various types of equipment normally used in fighting structural fires, including portable power tools for extricating crashed vehicle or fire victims. Also on exhibit will be the equipment employed by emergency

Supply Department, because this is a high-volume, labor-intensive operation with more than 68,000 transactions each year.

Other groups will be added incrementally: the receiving dock, some of the contracts work, delivery order processing, then inventory and the rest of contracts. All of these are expected to be operational by the end of the year. The only planned major enhancement of OASIS is expected to be adding Aviation Supply to help increase the operational readiness of that group.

Leslie O'Neill, who takes over as OASIS program manager at the start of October, believes that this streamlining of Supply Department functions and operations will prove to be a major benefit to everyone on board.

"This isn't just a computer system," she says, "but an information system that includes a man-machine interface in its planning and therefore will be more responsive to human needs."

She brings to her a task a wide background for managing such an information system. She has spent most of her time at NWC working as a computer specialist in the Aircraft Weapons Integration Department. The challenge of combining her interests with new system was sufficient to lure her into transferring to OASIS in April, where she serves as the Deputy Program Manager until she assumes her new position.

medical technicians, and firefighters will be present to discuss the use of different kinds of portable extinguishers — explaining which ones are best suited to combat various types of fires.

Arrangements can be made to have fire inspectors present talks to civic clubs and organizations, departments or working groups on Center, or to family groups during Fire Prevention Week by calling NWC's fire prevention inspectors at NWC ext. 2146.

From Oct. 11 through 14, two-member teams from the China Lake Fire Prevention Branch will be going out to visit public school kindergarten classes, day care centers and nursery schools on Center and in Ridgecrest to show an animated film and distribute materials keyed to the "Outdoor Recreation and Fire Safety" theme of Fire Prevention Week.

Fire prevention programs also will be presented at elementary schools in Kernville, Wofford Heights and Lake Isabella on Oct. 6 and 7.

Elementary school students are preparing entries in the Fire Prevention Week poster and essay contests. Winners at the various grade levels will receive certificates and medals for their efforts, and there also will be two top prizes of \$50 U.S. Savings Bonds that will be provided by the Desert Flames to the overall winners in the poster and essay contests.

## Police reports . . .

On Wednesday, Sept. 14, China Lake police stopped a driver who was weaving all over the road in a Chevrolet sedan. Inside was an unlicensed driver with a home address of Buttonwillow. The driver was cited into the East Kern Municipal Court for driving without a license.

## MOTORCYCLE ACCIDENT

China Lake police were called out at around 10:30 p.m. Tuesday to investigate an accident involving a motorcycle rider. The mishap occurred at the intersection of Bard Street and Burke Road.

The cyclist, who suffered moderate abrasions on the face, arms, hands, and legs, was issued a citation for driving too fast for the condition of the road, and for failure to have a California motorcycle operator's license.

The injured man, a member of the Armed Forces, was transported by NWC ambulance to the Branch Medical Clinic and kept overnight for observation, after being treated for numerous scrapes and contusions.

## THEFT FROM CAR

Theft of a tachometer and six tape cassettes from a car left overnight in the BEQ parking lot was reported last Sunday to China Lake police.

Value of the missing items, which were stolen from the 1966 Chevrolet sedan, was set at \$70.

## CASSETTE TAPES STOLEN

China Lake police were called early Sunday morning when a resident living in the 2000 block of Kitts Road reported the theft of two tape cassettes, valued at \$25, from her unlocked car.

The vehicle, a 1982 AMC Sprite, also was smeared with orange-colored spray paint.

## FALSE FIRE ALARM

Unknown persons set off a fire alarm box located on the north side of the Richmond Elementary School administration building on Wednesday morning of last week. The cost of rolling out the fire equipment and emergency personnel for this wasted effort was \$200.



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