

## Plans announced for Children's Christmas Parade slated Dec. 8

The 15th annual Children's Christmas Parade, sponsored by the Ridgecrest Chamber of Commerce, has been scheduled on Saturday, Dec. 8, starting at 10 a.m.

The parade participants will assemble at the corner of Las Flores Avenue and Norma Street and will proceed south on Norma Street to the intersection of Norma and Ridgecrest Boulevard. The procession will then head east on Ridgecrest Boulevard to Balsam Street, before swinging north on Balsam and disbanding at the intersection of Las Flores.

This year's theme, selected by a panel of Chamber of Commerce members, is "Music of Christmas."

After the parade the Sweet Adelines and the IWW Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America will perform for the crowd that is invited over to the East Kern County Regional Park while the float contest judging takes place. Several other local organizations, including the Exchange Club and the Dust Devils Auto Club, will be on hand to provide food and beverages.

This year, more than 150 trophies will be

## 'Photographic Safari to East Africa' set Tuesday at museum

A "Photographic Safari to East Africa" will be presented at 7:30 p.m. Tuesday in the Sylvia Winslow Gallery of the Maturango Museum.

The leaders of this safari will be Dr. Bob Berry, a physicist in the Aircraft Weapons Integration Department's Systems Analysis Branch, and his wife, Dr. Pat Brown-Berry, who is on the museum's board of directors.

Following their presentation, there will be an information session for anyone interested in joining a three-week Maturango Museum safari to Kenya and Tanzania that will be led by the Berrys next July.

Dr. Pat Brown-Berry conducted research on bat echolocation in Kenya in 1975 on a National Science Foundation grant. Besides bats, she captured on film scenes of many game species, including elephants, antelopes, zebras, giraffes and lions.

In 1972, Dr. Bob Berry spent six weeks traveling through Kenya and Tanzania — visiting all the major game reserves and national parks. Film slide photos taken during that time of scenery and wildlife will be shown Tuesday night.



**HOLIDAY BAZAAR UNDERWAY** — Mrs. Helen Howard receives a helping hand from Santa (Rae Leonard) displaying the hand-made Christmas ornaments and toys that are on sale today and tomorrow by the women of the Johannesburg Foursquare Church at the WACOM Holiday Bazaar that is now in progress at the Enlisted Mess. The annual event, which opened this morning at 10 o'clock, will continue until 8 tonight, and then be open on tomorrow from 10 a.m. to 3 p.m. Arts, crafts, and many handmade articles not available commercially are on sale at the Holiday Bazaar, along with homemade baked goods, candy and jelly suitable for Christmas gift giving.

handed out, beginning at 1 p.m. to the top three winners in the 52 parade entry categories.

In addition, there will be four sweepstake awards. They are the Santa Claus Award, for best all around entry; Mrs. Santa Claus Award, for best float; the Rudolph Award, for best equestrian entry; and the Founder's Award, for best children's entry.

Last year's parade participants have already been sent entry application forms, but persons interested in entering the parade may obtain entry blanks at the following business places: Brown Road Hay and Grain, Animal and Western Emporium, Donna's Shirt Tales, That Shoe Store, Aide Stationers, The Flower Shoppe, Country Barn, and also at the Ridgecrest Chamber of Commerce office.

## Final performances of 'Spiral Staircase' set tonight, tomorrow

Only two more performances remain of the China Lake Players' production of "The Spiral Staircase" — one tonight and the other tomorrow night. The doors open at 7:30 both evenings, with the curtain rising at 8:15 p.m.

Advance reservations are required and may be made by telephoning 375-4001. Any tickets that are not claimed by 8 o'clock on the evenings of the performances can then be purchased at the door.

General admission is \$3.50 for this mystery drama, with students under 18, active duty military and senior citizens being charged an admission fee of \$2.50.

## Concert by singer of popular, folk songs slated at Cerro Coso

Entertainer Helen Hudson will appear in concert at 8 p.m. on Friday, Nov. 30, at the Cerro Coso Community College lecture hall.

Tickets to see the pop/folk singer's performance will be available at the door on the night of the show, or may be purchased in advance from either Loewen's, The Music Man, The Entertainer, or Country Junction in Ridgecrest.

Prices for the concert are \$4 for general admission, \$3 for persons 18 years of age and younger, and \$2 for Associated Students of Cerro Coso (ASCC) cardholders and senior adults.



**SEARCHING FOR A HUSBAND** — In a scene from CLOTA's "Bedroom Farce," Susannah (played by Susan G. Short) frantically phones several neighbors trying to find out where her husband, Trevor (Greg Hogan) has run off to. Her mother-in-law, Delia, (portrayed by Deanna Ripley-Lotee) watches anxiously in the background. The Alan Ayckbourn comedy, directed by Bill Blanc, will be presented again tonight and tomorrow at 7:30 at the Burroughs High School lecture center. Ticket prices are \$4.50 general admission, and \$3.50 for senior citizens, enlisted military and students under 21 years of age. — Photo by Tom Lehmann

## Local artists' work to be exhibited at Maturango Museum

An exhibit of work by local artists will be on display from Dec. 2 through Jan. 2 in the Sylvia Winslow Exhibit Gallery of the Maturango Museum.

All forms of painting will be accepted, as well as drawings in pen and ink or pencil. Each artist may submit just one framed entry. The frames may range from a minimum of 9 by 12-in. to a maximum of 22 by 28 in. in size.

All entries must be delivered to the Maturango Museum office between the hours of 12 noon and 5 p.m. on Nov. 27 or 28. An entry fee of \$3.50 will be charged. There will be no commission on any of the sales.

Any artist wishing to exhibit but not sell his or her work should mark the entry "NFS." All money collected will go toward helping to meet the expenses of the exhibit gallery.

Entry forms are available at the museum, from members of the Desert Art League, at the Home Decorating Center in Ridgecrest, and also in art classes held at Cerro Coso Community College. A maximum of 70 entries will be accepted.

## Weekend Roundup

Western-style food and western music by Wayne Paisano and the Roadrunners is on tap at this evening's monthly Membership Night fete at the Commissioned Officers' Mess.

Dinner, featuring barbecued chicken and ribs, will be served from 6 to 9 o'clock, and music for the listening or dancing pleasure of COM members and their guests will begin at 8.

The cost of this evening of dinner and dancing is \$7 for members and \$8 for guests. Tickets can still be purchased at the COM office.

**CPO MESS MEMBERSHIP NIGHT**  
The Chief Petty Officers' Association has scheduled a membership night affair this evening at the CPO Mess. Dinner specials for the evening are prime rib of beef or Icelandic cod, which will be served from 6 to 9 o'clock.

In addition, the Western Connection, a popular local combo, will be on stage to play country and western music from 8:30 to 12:30.

### MOVIES

REGULAR STARTING TIME 7:00 P.M.

DAY	MOVIE	TIME
FRIDAY	"BLUE THUNDER"	NOVEMBER 16
Starring: Roy Scheider and Warren Oates (Action-Drama, rated R, 109 min.)		
SATURDAY	"TOUCHED"	NOVEMBER 17
Starring: Robert Hays and Kathleen Beller (Drama, rated R, 94 min.)		
SUNDAY	"ICE PIRATES"	NOVEMBER 18
Starring: Robert Ulrich and Mary Crosby (Action-Adventure, rated PG, 94 min.)		
MONDAY	"PURPLE HEARTS"	NOVEMBER 19
Starring: Ken Wahl and Cheryl Ladd (War Drama, rated PG, 117 min.)		
WEDNESDAY	"HARRY AND SON"	NOVEMBER 21
Starring: Paul Newman and Robbie Benson (Drama, rated PG, 117 min.)		
FRIDAY	"ALLEY CATS"	NOVEMBER 23
Starring: Kapi Mani and Robert Torti (Action-Drama, rated R, 83 min.)		

## Tickets available for major stock car race

Tickets are now on sale at the Community Center office for the Winston Western 500 stock car race, which is scheduled on Sunday, starting at 11 a.m. at the Riverside International Raceway.

Ticket prices are \$10.50 for general admission and \$17.50 for reserved seating.

Those interested in more information can contact the Community Center office by calling NWC ext. 2010 or 2081.

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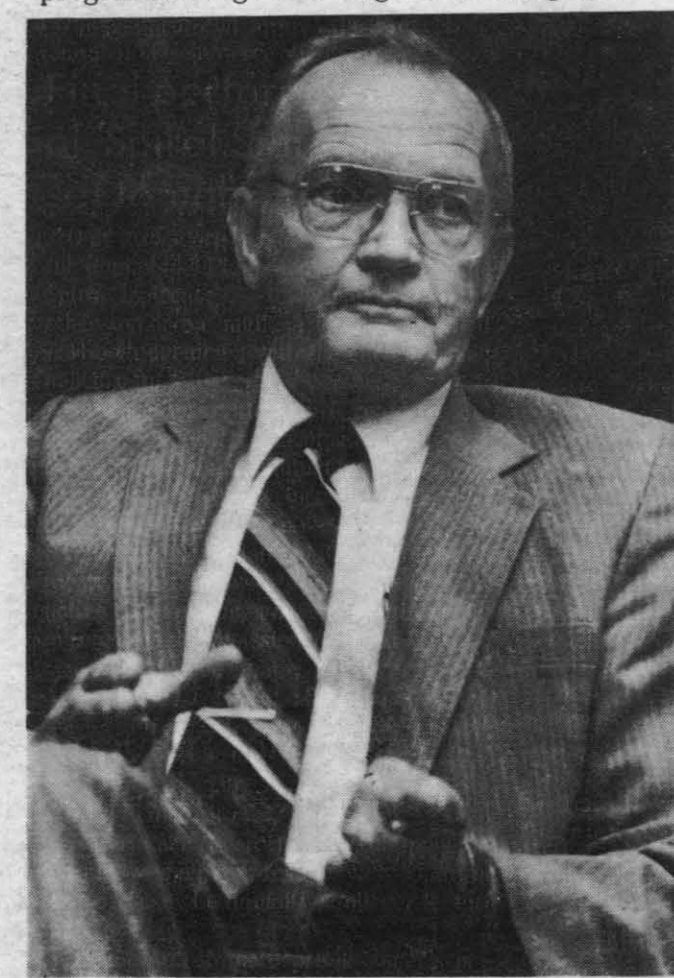
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NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

## Deputy CNM sees increased use of Navy labs in future

"The next big hurdle will be to make a very positive and real change in the number of civilian program managers we've got in Washington."



Dr. James Colvard

## Parachute system designed to aid recovery of Space Shuttle booster successfully tested

Observers near the parachute drop test area of the Naval Weapons Center's inner ranges on the morning of Oct. 30 witnessed another successful test of a new parachute system designed to aid in recovery of the Space Shuttle's booster, completing the initially scheduled six tests of a series begun more than a year ago.

The object of the test series is to check out a new parachute system that will enable the booster for the Space Shuttle to be recovered and reused for future flights. The booster provides the large amount of thrust required to lift the Shuttle into orbit, and is then jettisoned two minutes after liftoff.

The drogue chute used this time was for the filament-wound booster, which is lighter in weight than the currently operational steel booster. Whereas the steel booster falls fairly flat, the lighter filament-wound booster has a more vertical attitude and a faster mode of descent with subsequent higher deployment speeds for the parachute system.

The drogue chute used for this test was 52 1/2 feet in diameter, with a two-step reefing system to reduce the opening load; the main chute was a 136-foot diameter parachute designed for high opening velocities.

The booster was released from a B-52 aircraft when it was at an altitude of 40,000 feet, flying at a speed of 200 knots. Since the test vehicle was allowed to free fall for 42 sec. before the recovery system was initiated, it attained a velocity of 972 feet per second, approximately Mach 0.9.

The parachute system performed as designed; NASA and contractor representatives indicated that the test was an

outstanding success. The series as a whole was also so successful that additional tests might be scheduled to enhance the system.

Of particular interest to many of the test personnel was the special castglance camera plane that was flown to the Naval Weapons Center from Pt. Mugu to photograph this booster test.

The P-3 aircraft is equipped with two on-board cameras with 80-in. lenses that split the light absorbed to three cameras: a 35mm, 16mm, and a video.

Hubert deHaan, the Aerosystems Department Program Manager for this booster drop test series, enthused that the

(During a recent Commanding Officers/Technical Directors meeting held at China Lake, Dr. James Colvard, Deputy Chief of Naval Material — and a former China Laker — graciously consented to an interview with Mickey Strang, Associate Editor of the Rocketeer, about his perceptions of the laboratory community. The interview will run in two parts.)

"Management has a better appreciation for the laboratories now than perhaps they did in the past," says Dr. James Colvard, Deputy Chief of Naval Material, in expressing his belief that the Navy will increase its use of the Naval laboratories in the future.

"I think the current emphasis on competition will affect the use of labs. In order to compete in the high technology market place, you really have to know what you're doing technically. The people who know what we're doing technically are in the laboratories. We're going to have to use them."

"We discuss that in NAVMAT Headquarters regularly, and specifically with Admiral White and Admiral Miller, the Vice-Chief, and with the Systems Commanders. They understand this, so I don't think that there's any question that the role of the laboratories is going to increase in the whole acquisition cycle over the next 10 years."

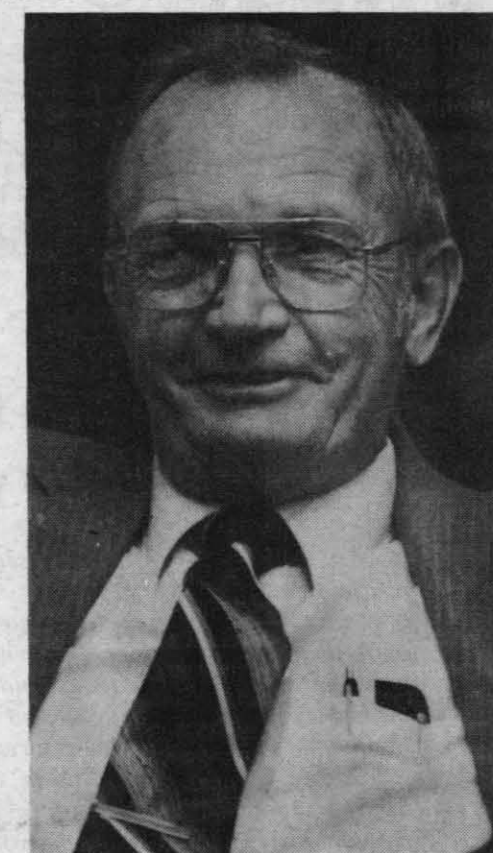
Dr. Colvard also remarked that "When Admiral White came out here, he was really impressed with China Lake, and he said that it's one of the most outstanding laboratories that he'd seen. I saw in your Rocketeer a good article quoting Secretary Lehman saying things that should have been music to your ears. My boss, Admiral White, is saying those same things about you that Secretary Lehman did."

On being asked about the differences in perspective between the laboratories and headquarters, since he has been in a unique position to see both points of view, Dr. Colvard said, "I think any organization resents management from above. In other words, no matter where you are, you feel that the other person is trying to give too much direction. You'd like more independence, so the field always sees headquarters as a kind of unnecessary overhead and accuses them of micromanaging."

"I think the headquarters people tend to feel the laboratories do not appreciate them. Headquarters," Dr. Colvard continued, "feels that people out in the producing end don't have enough perspective,

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and I think that people in the field are convinced that people in headquarters are more interested in following rules and regulations and managing the budget than they are in solving a technical problem.

"However," he said, "I think the minute you change organizations, within a matter of a few days, you adopt the value set held by the other group."

"I think it's healthy that we get people from the field into headquarters because it's important that people who are making policy understand the implications of policy at the execution level. It's unfortunate that more people don't move from headquarters into field units."

"We have a pretty good flow (people like myself, Bob Hillyer, Chuck Bernard) going back to headquarters and taking with them the viewpoint we got coming from the labs, but we don't have much in the way of people coming back."

Dr. Colvard pointed out that "Bob Hillyer is an exception. He's going back to a field laboratory now after having a significant experience in headquarters and being responsible at the level. I'd like to see more

(Continued on Page 5)

## Latest report in CFC fund drive now shows collections of \$87,640

As of Thursday, Nov. 8, a total of \$87,640 had been received in pledges and donations for this year's Combined Federal Campaign. While many of the organizations and codes on board have been turning in their pledge cards and money collected each week, some codes have not yet turned in any.

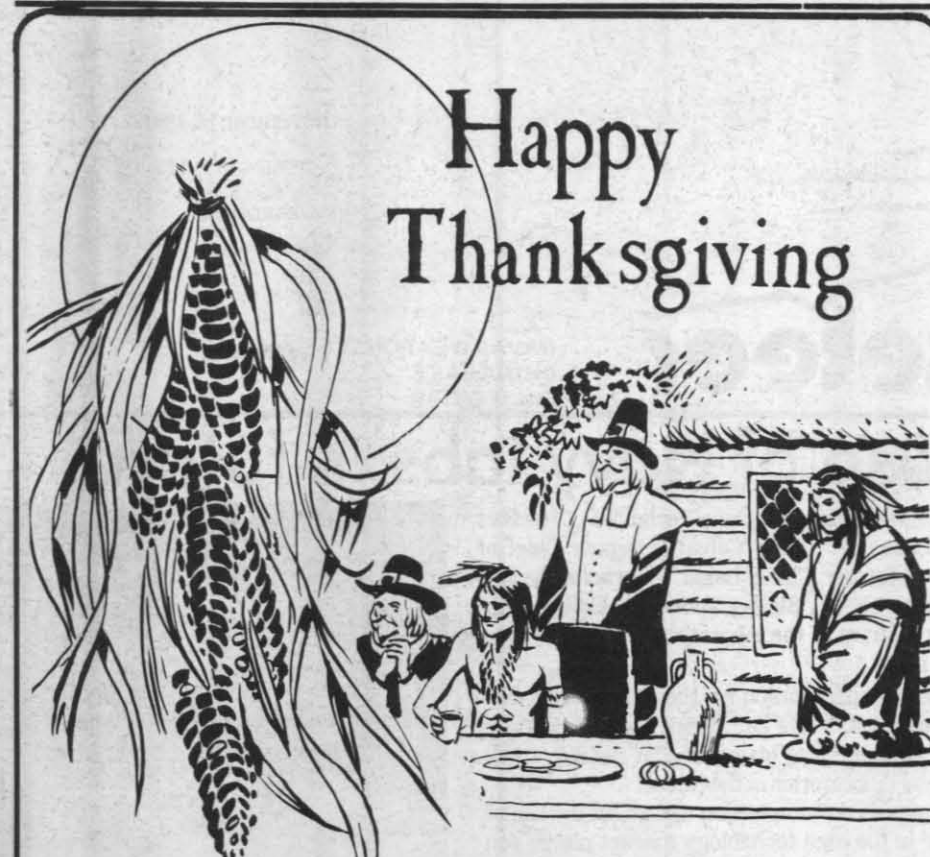
Since the campaign got off to a slow start because of difficulty in getting the necessary materials, Loretta King and Natalie Harrison, this year's CFC coordinators, have extended the time for getting in the pledges until Nov. 30, but ask that all key personnel turn in materials as promptly as possible before that date.

Those wishing to contribute may either sign up for payroll deductions beginning with the first paycheck of next year, or many make their donations in cash. They may designate the agency or agencies to which they wish to contribute; all designations are honored.



**AFTERMATH** — A huge crane picks up the Shuttle Booster drop test vehicle following its latest test to improve the parachute system that aids in recovery of the booster following a launch.





## Thanksgiving Day greetings from Secretary of Defense

On Thanksgiving Day, 1984, Americans everywhere will give thanks, continuing a tradition set over three centuries ago by our pilgrim forebears.

We have good cause to be grateful. We live in a land blessed with opportunity and freedom. We enjoy these blessings because Americans have always been ready and willing to defend them. You, the men and women of our Armed Forces, are the bulwark of that resolve and strength, and you set an example for us all to follow.

Whether you serve at home or abroad, you contribute daily to the security and liberty of our nation, and to the aspirations of freedom-loving people around the world.

To those of you on duty this Thanksgiving season — separated from family and loved ones — we owe a very special word of thanks. I want you to know that your sacrifice is recognized and appreciated by thoughtful Americans everywhere.

To each of you, thank you for your devoted service. I join your fellow citizens in wishing you a happy Thanksgiving.

Casper Weinberger  
Secretary of Defense

## Employee timecards due early because of Turkey Day holiday

All personnel who are responsible for the submission of timecards are reminded that because of the Thanksgiving Day holiday on Thursday, Nov. 22, timecards for the regular work week ending on Nov. 24 must be turned in by 11 a.m. next Wednesday, Nov. 21.

This is necessary in order to meet the normal payday of Nov. 30. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Nov. 21 deadline may result in a delay in pay for employees.

In order to meet the Nov. 21 deadline, it will be necessary for departments to project what will occur on Wednesday afternoon, Nov. 21, as well as on Thursday, Friday and Saturday, Nov. 22, 23 and 24, and submit the timecards by 11 a.m. on Nov. 21.

On Friday, Nov. 23, if it is discovered that the time card projections are in error as submitted, the errors can be corrected by submitting a corrected timecard, annotated as such, between 8:30 and 11:30 a.m. on Nov. 23.

Errors discovered after Nov. 23 should be corrected by sending a memorandum to the Payroll Office, Code 08841, the following week.

Any overtime worked after 11 a.m. on Wednesday, Nov. 21, through midnight on Saturday, Nov. 24, should be submitted on a supplemental timecard for payment the subsequent pay period.

### Energy conservation tip

Turn the heat down when you're out of the house even for a few hours.

## The Rocketeer

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China Lake

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Phones 2354, 2355

## Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 555 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current personnel only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer: selections are made without discrimination for any nonmerit reason.

No. 06-064, Program Analyst, DA-345-3, Code 0808 — This position is located in the Accounting and Disbursing Division, Office of Finance and Management. The position will be the Program Analyst for the STAFS at NWC. The position will be the NWC analyst for STAFS review, implementation and operation. The incumbent will determine input/output requirements, coordinate design, development and implementation of hardware, software and communications interfaces. Job Elements: Extensive knowledge of the current NWC financial system and STAFS, especially travel, cost accounting, plant account and disbursing operations and procedures; knowledge of NWC Organizational Structure, NWC administrative policies, procedures, and regulations; ability to organize and plan complex programs; ability to gather and analyze financial data; ability to interface with employees at all levels, both internal and external to the Center. Status applicants may apply.

No. 06-065, Interdisciplinary (Electronics Engineer/Physicist/Operations Research Analyst/Mathematician), DP-855/1310/1515/1520-3, Code 081 — Provides support to weapon system program officers by making cost and performance analyses using government and contractor data sources. Job Elements: Ability to handle problems or assignments of marked difficulty; ability to think through a problem and approach to its solution; knowledge of weapon systems and quantitative analysis techniques; familiarity with computer technology; and ability to express ideas orally and in writing.

No. 06-036, Clerk-Typist, GS-322-4, Code 096/097 — Located in one of the Personnel Services Divisions, performs the following duties for a major department(s): processes all actions affecting appointments, promotions, pay adjustments, separations, etc.; performs non-competitive qualification ratings; processes classification actions and maintains associated files and records. Elements: Abilities: to deal tactfully and effectively with all levels of NWC employees; to work under stress and pressure; to plan, organize, and accomplish work independently; to perform a variety of clerical functions; to type accurately and efficiently; to comprehend and apply regulatory information. Promotion potential to Staffing Assistant, GS-7.

No. 32-015, Interdisciplinary (Computer Scientist/Physicist/Electronics/General Engineer), DP-334/1310/855/801-1/2/3, Code 122 — Incumbent will assist in generating operating systems for minicomputers, installing, updating and testing computers and related equipment; will design and/or modify such microprocessor-based devices as communications systems, integrated, intelligence graphics workstations. Job Elements: Knowledge and Skills: Computer programming in high order language (HOL), assembly language; digital design involving the use of microprocessors; Minicomputer Operating Systems (e.g., UNIX); computer interface protocols (RS232C, GPIB, etc.) and I/O schema; communicate effectively with NWC and contractor personnel, both orally and in writing; functions as a member of an aggressive, productive group; document own work IAW Group standards. Previous applicants need not reapply.

No. 32-016, Interdisciplinary (Computer Scientist/Physicist/Electronics/General Engineer), DP-334/1310/855/801-1/2/3, Code 122 — Incumbent is a member of a software team designing, developing and implementing an interactive, real time multiple weapon simulation to be used for the Weapons and Tactics Analysis Center. This software will be a second generation version, ported to a PerkinElmer 230 MPS system. Job Elements: Knowledge and Skills: Minicomputer systems (multiprocessing); FORTRAN, Data Base management systems (DBMS); assembly language; graphics applications; structured design; communicate effectively with NWC and contractor personnel, both orally and in writing; function as a member of an aggressive, productive group; document own work IAW Group standards. Status eligibles may apply. Previous applicants need not reapply.

No. 14-013, Computer Operations Shift Supervisor, GS-

## 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, secretaries 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 form 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 work of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 31-100, Secretary (Typing), GS-318-3/4/5, Code 315 — Provides secretarial support to the Targeting Division Head and division personnel.

322-11, Code 131 — 1 vacancy for second shift 1000-2400 with no lunch hour. Incumbent is responsible for implementing established procedures and guidelines essential for successful operation of the Central Computer Facility. This requires the following: people skills, technical guidance and training, maintenance of work areas, and oral and written communication skills. Job Elements: Technical knowledge of large scale digital computers and operating systems; knowledge of large scale digital computer service center operations; ability to identify priorities, organize, and assign tasks; to subordinate to insure timely and effective completion of work unit responsibilities; ability to deal with all levels and types of personnel; ability to lead, motivate, and discipline personnel and also manage material resources. The incumbent must also have the flexibility to adapt to different schedules and work varying hours when necessary.

No. 23-052, Administrative Officer, DA-341-1/2/3, Code 25302 — Responsible for providing comprehensive staff and management services to operating organizations within the Contracts Division. Includes coordination of all resource management, organizational analysis, administrative policy, and safety and security programs, and initiating management studies. Emphasis is placed on communicating and resolving administrative matters. Elements: Knowledge: of NWC policies and procedures in the areas of personnel management and staffing; facilities management; safety and security requirements. Abilities: to communicate effectively both orally and in writing; to interface with all levels of personnel at NWC and other DoD facilities. This is a reassignment and previous applicants need not reapply.

No. 32-141, Mechanical Engineering Technician, DP-802-4, Code 3263 (2) — Provides support to new and ongoing conventional weapon development projects by monitoring and assisting the flow of project hardware and test data, coordinating test efforts and gathering test data. Elements: Abilities: Work and interface with other technicians, senior engineering personnel and managers at various levels; operate light duty government vehicles; gather data. Knowledge: of fabrication and assembly methods; ordinance handling and safety procedures. Status eligibles may apply. Promotion potential to DT-3.

No. 32-130-04, Interdisciplinary (Electronics Engineer/Computer Scientist), DP-855/1350-2/3, Code 3336 — Responsible for analysis, testing, and updating of the Phoenix DST-20/T Target Detecting Device software and firmware; reviews and defines contractor testing requirements, approaches, and success criteria; approves 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. Status eligibles may apply.

No. 32-128, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 3333 — The branch is responsible for the development of target detecting devices (TDDs), laboratory test sets, and captive flight interface and control instrumentation. The incumbent provides electronic circuit design, analysis, fabrication coordination, and laboratory testing of various TDDs and related components. In addition the incumbent will participate in the preparation and performance of captive flight tests and encounter simulation tests. Job Elements: Knowledge and experience in electronic circuit design, signal processing theory and techniques, and ability to use laboratory test equipment. A general knowledge of microwave theory and techniques and computers is desirable. Status eligibles may apply.

No. 33-140, Interdisciplinary (General/Mechanical/Electronics/Industrial Engineer/Physicist/Electronics Technician), DP-801/830/855/896/1310/856-2/3, Code 3337 — The branch is responsible for the design, development and production support of target detecting devices and laboratory test sets. Incumbent will assist in the transition of the MK-20 active optical target detector (AOTD) into production and will provide continuing production engineering support to the MK-20 and INS-15 AOTD programs. Job Elements: Knowledge of production support activities and contracting; ability to communicate both orally and in writing. A general knowledge of proximity fuzes is desirable.

No. 33-141, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 3337 — The branch is responsible for the design, development and production support of target detecting devices and laboratory test sets. Incumbent serves as a project engineer for one or more advanced active optical target detector programs.

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DIVINE SERVICES			
PROTESTANT			
Sunday Worship Service	1000		
Sunday School (Annexes 1, 2 & 4)	0830		
Bible Study (East Wing, Wednesday)	1130/1230		
ROMAN CATHOLIC			
Sunday Mass	0730		
Daily Mass (except Monday)	1135		
Confessions	1630/1700/1730		
Religious Education Classes	0745/0815 Sunday		
(Annexes 1, 2 & 4)	1000 Sunday		
JEWISH			
Friday (East Wing)	1930		
UNITARIAN			
Sunday (Annex 95, as announced)	1930		

## 1st place in Premier League taken over by Cal-Gas bowlers

The Cal-Gas kegglers replaced the Elks Lodge as the top team in the Premier (scratch) League following last Monday night's action at Hall Memorial Lanes.

The Cal-Gas bowlers, who had been in second place, outpointed the Elks 15-10 in matchup between these two teams, while the Raytheon Sidersiders fell from third to fourth place as a result of their 19-6 loss to the Joseph's Italian Gardens team.

High team game for the night was the 1,006 rolled by The Place, but it was the Italian Gardens squad that garnered high team series honors for its three-game total of 2,735.

Two Premier League bowlers — George Bowles and Dick Reymore — topped the 600 series mark with their individual efforts of 645 and 635, respectively.

Those with single game scores of 220 or more were Jerry Campbell (236), Bowles (228), Brad Royer (226), Reymore (224), and Rex Ribulatan and Gary Paulson (221).

Team	Won	Lost
Cal-Gas	146.5	103.5
Elks Lodge	144.5	105.5
Joseph's Italian Gardens	137.5	112.5
Raytheon Sidersiders	135	113
Olympia Beer	130.5	119.5
F&F Hospitality	128	121
Thrifty Wash Laundromat	122	128
Bucky Bath	104	146
The Place	102	148
Hideaway	99	151

## Burros win league finale. . .

(Continued from Page 6)

Falcons, who drove 80 yds. in five plays to get back into the ball game. With a first down at the BHS 46, Bechen hooked up with Long for the Falcons' second touchdown, which cut the Burros' lead to 21-12 with just 1½ min. played in the fourth quarter.

A punt by Lewis, which was downed by Neil Stoner at the Falcons' 1 yd. line, set the stage for final points that were scored in the Burroughs vs. Palmdale game.

Bechen unsuccessfully tried a quarterback sneak on first down, and was then trapped in the end zone for a safety (2 points) by Larry Jeffris, senior center and bulwark of the Burros' defensive line.

Leading 23-12, the Ridgcrest team kept the ball on the ground and used up vital time — leaving the Palmdale gridders only

## Flag football. . .

(Continued from Page 6)

Greg Allen, as well as on a scoring run by Oliver. Sandwiched in between these two tallies by the Raiders was a punt return for a touchdown by Dan Whittenberg of the Vipers.

That turned out to be the Vipers' only score until a fourth quarter pass from Ricky Barton to Stu Caldwell clicked for a touchdown, but it was too little, too late as, by that time, the Raiders held a 38-13 lead.

A handoff from Oliver to Kevin Sylve accounted for the game's final touchdown, which increased the Raiders' lead to 44-13.

Other scoring earlier in the game on the part of the Raiders included two more touchdown passes from Oliver to Allen, and a scoring run by Roosevelt Armstrong.

The Flag Football League season ended ingloriously with a double forfeit when neither team showed up for the 8 p.m. game on Nov. 7 between the Targets and the Wildcats.

Final standings in the Flag Football League are as follows:

Team	Won	Lost
Raiders	7	2
Targets	5	4
Vipers	5	4
Wildcats	0	8

## Energy conservation tip

If you need to purchase a gas oven or range, look for one with an automatic (electronic) ignition system instead of pilot lights. With such an ignition system you'll save an average of up to 47 percent of your gas use — 41 percent in the oven and 53 percent on the top burners.



UP FOR GRABS — Charlie Long (No. 86), wide receiver for the Palmdale Falcons, watches a pass thrown a bit too long sail beyond his grasp as he is closely guarded by a deep secondary defender for Burroughs. Long scored one of two Palmdale touchdowns on a pass from quarterback Mike Bechen in the fourth quarter. The pass and run covered 46 yards to paydirt.

(Continued from Page 2)

Activities include design, development, testing, planning, budgeting, coordination, reporting, presenting and technical direction of associates involved in the project for which the incumbent is responsible. Job Elements: Knowledge and experience in the design and development of electronic systems; ability to coordinate activities of a project group.

No. 32-051, Electronics Technician, DT-856-3, Code 3533 — (2 vacancies) Responsibilities will be the operation and maintenance of radar systems, testing and maintenance of a variety of digital and analog interfaces in support of the EWTFES facility. KSAs: Radar systems, digital and analog theory. A. Troubleshoot and maintain digital/analog interfaces as well as microprocessors. A. Coordinate and monitor and review the work of junior technicians. A. Communicate effectively orally and in writing. The work schedule is the first 40 hours.

No. 36-185, Model Maker, WG-4714-14, Code 3644 (multiple vacancies) — Located in the Central Machine Shop in Michelson Laboratory, responsible for unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Duties include planning, laying out, modifying, fabricating, and assembling complete models without detailed instruction. Fabricating processes require knowledge in more than a single trade. Elements: Abilities: to do the theoretical, precise, and/or artistic work of a trade; to read and use shop drawings; to use hand tools for machine shop; to measure and lay out. Knowledge: of pertinent metals. Supplemental required.

No. 36-186, Model Maker, WG-4714-14, Code 3649 (multiple vacancies) — Located in the Salt Wells Model Shop branch, responsible for unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Duties include planning, laying out, modifying, fabricating, and assembling complete models without detailed instruction. Fabricating processes require knowledge in more than a single trade. Elements: Abilities: to do the theoretical, precise, and/or artistic work of a trade; to read and use shop drawings; to use hand tools for machine shop; to measure and lay out. Knowledge: of pertinent metals. Supplemental required.

No. 39-081, Electronics Engineer, DP-855-2/3, Code 3557 — Supports development, test and production of RF air-to-air missiles such as the Sparrow AIM-7M and various derivatives. Incumbent analyzes the system/subsystems design and test procedures to insure design and documentation adequacy. Reviews hardware and testing engineering change proposals to maintain the system performance and producibility. Must be able to design and supervise engineering tests on the branch test equipment to verify system/subsystem performance and/or proposed improvements. Provides liaison to the alternate contractors in clarification/interpretation of the design documentation and test procedures. Job Elements: Knowledge of analog and digital design principles and practices utilizing military specifications and production engineering constraints; ability to perform assigned duties independently, to communicate clearly, both orally and in writing, and to interface effectively with off-and on-center professionals.

No. 39-082, Electronics Engineer, DP-855-2/3, Code 3557 — Supports development, test and production of RF air-to-air missiles such as the Sparrow AIM-7M and various derivatives. The incumbent provides electronic engineering expertise in support of the Sparrow Product Improvement Program (PIP). The ability to design,

## NWC women's team competes in basketball tourney at Miramar

Competing last Saturday and Sunday in second annual Veterans Day Invitational Tournament at the Naval Air Station Miramar (in San Diego), the China Lake Roadrunners, women's basketball team from NWC, made the best of a difficult situation by winning one out of three games.

The China Lakers were defeated 59-48 by the Miramar team, but came back to rack up a 64-40 win over the San Diego Naval Training Center squad, before losing 57-56 on a last second free throw to the USS Acadia hoopers.

The China Lake Roadrunners suited up just six players for the tournament competition. Due to a sprained ankle suffered by Dianna Graves in the first game, the Roadrunners had only five players available for most of the tourney.

This meant that when a player fouled out during the second half and was benched, the China Lakers had to finish the game with just four players, which was the situation that developed in all three tourney tilts.

In their first tournament game against Miramar, the Roadrunners got off to a halftime lead of 24-19 thanks to the hot shooting of Cathy Mahan, a guard, who tallied 12 points in the first 20 minutes of play and finished with a total of 23.

Charlene Scarbrough, a forward, was the only other player on the Roadrunners to make it into the double-figure scoring column in the Miramar game, and she tallied 13.

The tourney hosts were led in the scoring department by Colette Harmon and P. J. Mahn, who scored 18 and 12 points, respectively.

After trailing 28-26 at halftime in their

game with the Naval Training Center Team, the Roadrunners pulled away to win by a margin of 24 points in the second half.

Due to her ankle injury, Dianna Green was unable to play in the second half of this game, but the China Lakers managed to hit a high percentage of their shots to win the game easily, in spite of being forced to play short-handed.

Cathy Mahan once again was the Roadrunners' top scorer with 18. Backing her up in the NTC contest were Patty Barnes, Charlene Scarbrough and Kerma Green, who tallied 14, 12, and 10 points, respectively, while Jean Bornett, the player-coach of the China Lakers, hit 8.

Dancy and McNutt, of the Naval Training Center quintet, led their team with 14 and 12 points.

In game No. 3 for the China Lakers in this double elimination tourney, the Roadrunners held a narrow 29-27 halftime lead over the USS Acadia cagers, but, with only four players available in the final 10 minutes of the contest, lost 57-56 on a free throw in the last 2 sec. of play.

Charlene Scarbrough was the Roadrunners' top scorer with 22, followed by Cathy Mahan and Patty Barnes, who chipped in 13 and 12 points, respectively. For the USS Acadia team, the leading scorer was Perry with 27.

## Table tennis tourney set

Two NWC civilian employees will represent China Lake at the Mojave Desert Interservice Sports League (MDISL) table tennis tournament that has been scheduled tomorrow and Sunday at Norton Air Force Base in San Bernardino.

The local entrants in this event are Bill Chan and Carl Norlund.

## Promotional opportunities

(Tomahawk) Program Office. Incumbent is responsible for the management and coordination of NWC technical efforts pertaining to the Tomahawk APT Components. These efforts include design evaluation and production support. Job Elements: A basic knowledge of missile components design and manufacturing standards is required. Must have strong technical management skills, with the ability to communicate both orally and in writing with JCMC, NAVMAT and NWC management, support personnel, and contractors. Must be able to work independently with a minimum of supervision.

No. 39-077, Multidisciplinary (Computer Scientist/Physicist/Electronics/General Engineer), DP-1550-1310/855-802-2/3, Code 3555 — Incumbent will support the AMRAAM Program and be responsible for analysis and evaluation of the guidance and control system, develop a functional level understanding of the missile system, support contractor design reviews, provide consultation to the NAVWICEN program office and Navy and Air Force sponsors, and support development of government AMRAAM system documentation. Job Elements: Knowledge: missile guidance and control systems, understanding of the operation of missile radar frequency seekers; current digital processing techniques for missiles; microprocessors and their applications to missiles; microwave components and application to missile seekers; knowledge of software engineering techniques. Abilities: to perform radar analysis; to review and interpret missile test results; to interact with contractors, test ranges, and sponsor personnel.

No. 39-078, Computer Scientist, Electronics Engineer DP 1550/855-3, Code 3509 — Avionics/Software Manager for the ASW Standoff Weapon (Sea Lance) Program Office, Weapons Department. Incumbent provides technical coordination in the areas of avionics, guidance and control, and software and will be responsible for planning and scheduling work, and coordinating tasks performed by the functional codes supporting ASWSOW analysis and system studies. Job Elements Criteria: Practical experience and technical background in missile systems development; knowledge of software standards and practices; ability to evaluate technical plans leading to hardware development; ability to communicate well both orally and in writing.

No. 39-079, Electronics Technician, DT-856-2/3, Code 3557 — Assists in operation, maintenance and upgrade of automated test station used for integration and test of ACIMD/OABM brassboard system. Duties include test and troubleshooting of electronic subsystems, system interfaces and system integration. Work is accomplished from drawings, sketches and specifications under guidance of test engineer. Job Elements: Knowledge and experience in use of automated test station; familiarity with operation of test instrumentation such as spectrum analyzer; skill in electronic design techniques and processes; ability to communicate well and work effectively as part of a team. Status eligibles will be considered.

No. 39-080, Electronics Technician, DT-856-1/2, Code 3557 — Incumbent assists and/or provides direct technical support in the fabrication and modification of electronic subassemblies for RF missiles and associated test equipment. Duties include the integration and troubleshooting of electronic analog and digital modules, subsystems and test equipment interfaces required in the Sparrow AIM-7M Product Improvement Program. Job Elements: Basic understanding of electronic components functional circuits and bench fabrication techniques; ability to read schematics and engineering drawings and familiarity with the operation of test instrumentation; must work effectively as part of a team and have ability to communicate effectively.

No. 39-081, Electronics Technician, DT-856-2/3, Code 3557 — Assists in operation, maintenance and upgrade of automated test station used for integration and test of ACIMD/OABM brassboard system. Duties include test and troubleshooting of electronic subsystems, system interfaces and system integration. Work is accomplished from drawings, sketches and specifications under guidance of test engineer. Job Elements: Knowledge and experience in use of automated test station; familiarity with operation of test instrumentation such as spectrum analyzer; skill in electronic design techniques and processes; ability to communicate well and work effectively as part of a team. Status eligibles will be considered.

No. 39-082, Electronics Technician, DT-856-1/2, Code 3557 — Incumbent assists and/or provides direct technical support in the fabrication and modification of electronic subassemblies for RF missiles and associated test equipment. Duties include the integration and troubleshooting of electronic analog and digital modules, subsystems and test equipment interfaces required in the Sparrow AIM-7M Product Improvement Program. Job Elements: Basic understanding of electronic components functional circuits and bench fabrication techniques; ability to read schematics and engineering drawings and familiarity with the operation of test instrumentation; must work effectively as part of a team and have ability to communicate effectively.





## Raiders pull ahead of faltering Targets; win flag football title

Two decisive wins by the Raiders wrapped up the final week of play in the Flag Football League sponsored by the Recreational Services Department.

The Raiders, who finished the season with a record of 7 wins and 2 losses, clinched the league championship by battering both the winless Wildcats and the Vipers by scores of 40-0 and 44-13, respectively.

Phil Oliver, quarterback for the Raiders, figured in all six of his team's touchdowns during their 40-0 rout of the Wildcats.

Oliver passed for four touchdowns, ran back an intercepted pass for another tally, and carried the ball on a run for the game's final touchdown.

Teammates who were on the receiving end of touchdowns passed tossed by Oliver were Roosevelt Armstrong (twice), Greg Allen and Kraft.

The Raiders' scoring parade began in the first quarter on the first of two touchdown passes from Oliver to Armstrong, who also caught a pass for a score in the final period of play.

Oliver's touchdown on a pass interception took place in the second quarter, and he passed for TDs to Allen and Kraft in the third period as the score mounted to 26-0.

Oliver's second pass for a touchdown to Armstrong and the quarterback's own run for a score added another 14 points in the final period of play.

Earlier that evening, the first game scheduled was forfeited by the Targets to the Vipers.

The well-oiled Raiders' scoring machine experienced no difficulty rolling up a lopsided 44-13 win over the Vipers on the final night of play in the Flag Football League.

Oliver again led the Raiders' offense by passing for three touchdowns and carrying the ball on runs for two others.

The Raiders built up a 14-7 first quarter lead on a touchdown pass from Oliver to

(Continued on Page 7)

## Div. 1 youth soccer teams play close matches

Close matches were the order of the day last Saturday in Division One of the Youth Soccer League.

Both the Fury and Express and the Owls and Rowdies battled to 1-1 ties, while the game between the Roadrunners and Coyotes ended in a scoreless draw. The results of two other games played between teams composed of first and second graders were Cobras 2, Chiefs 0, and Eagles 1, Apollos 0.

The Express succeeded in keeping the ball in its opponents' end of the field, but broke through just once for a goal by Paul LeBlanc, assisted by Daniel Glennon, in the 1-1 tie played between the Express and Fury. Jeff Caruso scored a goal unassisted for the Fury.

The previously undefeated and unscored upon Owls were held to a 1-1 stalemate by the Rowdies, whose lone goal was tallied by Jeff Brown, assisted by Joe Mechtenberg.

Topnotch defense by the Rowdies was led by Jason Bowling, Tony Dominguez, Jeremy Ellingson, Marv Harbaugh, and Danny Hartley. The Owls' single goal was tallied by Mike Fredricks.

A defensive battle between the Roadrunners and Coyotes ended in a scoreless tie. Coyote goalie Chris Fiser prevented an almost-certain goal in the fourth quarter by the Roadrunners, who threatened constantly.

What offense the Coyotes were able to muster was led by Sam Muhn, Chris Ka-

## Burros defeat Palmdale 23-12 in league finale

A 23-12 victory over Palmdale that will give the Burroughs High School varsity football team something to cherish and build on for next year rang down the curtain on the 1984 gridiron season last Friday night at the Burroughs High School athletic field.

Despite the win, the CIF playoffs eluded the Burros due to a victory posted by Saugus over the Quartz Hill Rebels, who had to defeat Saugus in order for the Ridgecrest team to get into the post-season action.

Tim Lewis, senior tailback for the Burros, topped off his football-playing days at Burroughs with a great performance. A constant threat any time he got his hands on the ball, Lewis was the workhorse of the BHS running attack as he scored two touchdowns, had a third nullified due to a penalty after a sensational run, and also contributed vital yards as a pass receiver.

In addition, Lewis also handled the punting chores, kicked off the ball, and played in the defensive secondary.

As it turned out, the Falcons, who have been touted as a running team, found the team going on the ground rough against the Burros' defensive line and linebackers, but were able to strike suddenly on two long passes thrown by quarterback Mike Bechen to wide receivers David Armenta and Charlie Long.

The move of Steve Burdette, a junior, to the starting quarterback position for the first time this season, paid off for the Ridgecrest team.

The Burros, whose defense smothered the Palmdale Falcons throughout most of the game, put together a 45-yd. scoring drive the first time they got their hands on the ball.

Undaunted by a 15-yd. penalty (the first of many for the night) that nullified a 17 yd. gain and a first down at the Palmdale 23, the Burros came right back with another pitchout to Lewis who swept around left end for 12 yds. before being stopped at the Falcons' 26.

Next it was Tony Shields who popped loose for a gain of 14 to the Palmdale 12, but this play also was canceled by a 15-yd. penalty back to the visitors' 27. The third time proved to be the charm, however, as Burdette cranked up and lofted a touchdown pass to Steve Barkley in the end zone and the Burros were finally on the board with a 6-0 lead. The try for the PAT on a kick by Tim Wee was good, and the

(Continued on Page 7)

jiwara, and Michael Ross.

In an action-packed contest, the Cobras won their second game of the season last Saturday, as they shut out the Chiefs 2-0. Todd Edwards and Phillip Nave played well on offense in a losing effort by the Chiefs, whose defense was led by Kevin Johnson and Daniel Slay.

In another low-scoring game, the Eagles posted a 1-0 win over the Apollos on the strength of a single goal by Justin Lewis. The Eagles threatened but failed to add to their lead on scoring attempts by Brian Flower, assisted by Jason Hainsworth.

Sam Stevens and Braunsion Lilly came close to scoring goals for the Apollos, but couldn't get the ball into the net. Standouts on defense for the Apollos were Tim Clark, Michael Rodman, Steve Schoemaker and Tony Pracchia.

Exciting action in Division 3 (for 5th and sixth graders) of the Youth Soccer League was highlighted last Saturday by a 3-3 tie played by the Kicks and Rogues.

Brad Bays, of the Kicks, scored on a penalty kick in the last two minutes of play that enabled his team to overcome a 3-2 deficit and earn a tie with the Kicks.

Earlier in the game, Bays scored two other goals, with assists from Brent Hansen and Mike Graves, as he sparked the offensive efforts of the Kicks. Kelly Richison, David Caraker and Jason Rainwater tallied one goal each for the Rogues.

Results of other Division 3 games were Whitecaps 4, Diplomats 1; Sounders 4,



**MEETS CHALLENGE** — In his first start as quarterback for the Burroughs High School varsity football team, Steve Burdette (No. 15), a junior signal caller for the Burros, was up to the task as he completed five out of six passes for 108 yds. and one touchdown. Shown putting the rush on Burdette are Scott Namanny (at left) and Tim Walkins of the Palmdale Falcons, who fell to the Burros 23-12 in the season finale.

Burros led 7-0 with 5:35 left to play in the first quarter.

After taking the ensuing kickoff, Palmdale couldn't move the ball and gave it up on a fourth down punt that found the Burros starting their next series on offense from their own 28.

Hard running by Lewis netted a first down at the Ridgecrest team's 43 and, following a 5 yd. penalty back to the 38, Burdette zipped a short pass to Lewis who threaded his way through the Falcons' defensive secondary for an apparent touchdown.

A penalty nullified the score, however, but the Burros had good field position at the Palmdale 28 in spite of the infraction. The first quarter ended with BHS threatening on the Falcons 10, and Lewis ripped into the end zone as the second period opened. Wee added the PAT on a kick — giving the Burros a 14-0 lead over a seemingly outclassed Palmdale team.

Another 15-yd. penalty took the steam out of a scoring opportunity that was presented to the Burros a short time later when Chad Walker intercepted a pass thrown by Bechen, the Palmdale quarterback.

A fumble by Burroughs in the closing moments of the first half gave new life to

Tornadoes 2; and Surf 5, Roughnecks 1.

Early domination by the Whitecaps of their game with the Diplomats led to a 4-1 victory for the 'caps, who were led in the scoring department by Steve Mills' two goals and one each by Chris Marshall and Michael Strathee.

Players credited with assists on the goals tallied by the Whitecaps were Mills, Daniel Moldenhauer, Chris Marshall and Molly Gallagher.

The Diplomats averted a shutout when Ryan Christensen broke loose with the ball along the right side of the field, and successfully hit the left corner of the net for a score.

Shawn Hamilton and John Johnson scored one goal each for the Tornadoes, but it wasn't enough as Sounders made good on four scoring plays during a game in which both teams moved the ball up and down the field well.

The Roughnecks, who had many opportunities to score but cashed in just once, came out on the short end of a 5-1 final tally in their game with the Surf.

Two goals by Paul LaJeunesse paced the Surf on offense, and he was joined in the scoring department by Jay Frederick, Brendan Ledden and Jim Bailey, who each scored one goal for the Surf.

Alex Valdivia tallied the Roughnecks' only goal, assisted by Robbie Price.

No Youth Soccer League scoring summary sheets were turned in by the representatives of Division 2 teams.

the visitors from Palmdale. With the line of scrimmage at the Falcons 48, Bechen fired a long pass to Armenta, who was behind the deepest defender for Burroughs. He grabbed the ball and went in for a score. A 2-point try for the PAT failed when a pass fell incomplete, and the two teams left the field at halftime with the Burros leading 14-6.

The Burros continued to be their own worst enemies by being tagged with penalties that prevented any consistent gains on offense for the bulk of the third period of play.

This situation changed, however, during the final minutes of the third quarter. Starting from around midfield, two short gains by Lewis and Shields picked up 7 before Lewis broke loose for a gain of 33 to the Palmdale 7.

Lewis and Shields then worked the ball to the 1-yd. line before Lewis rammed it over for his second touchdown of the night, which came with just 2 sec. left to play in the third period. Wee again booted the PAT and the Burros led by a more comfortable margin of 21-6.

Riding on the throwing arm of quarterback Bechen, momentum switched to the

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## 70 runners vie in OTHTC-sponsored fun run, half marathon

Last Saturday not just one but two races sponsored by the Over-the-Hill Track Club (OTHTC) took place through the streets of the Center — with 70 runners being especially thrilled to race down Blandy Avenue amidst the proudly waving flags.

The first race — the three-mile fun run — resulted in Brice Hammerstine winning the men's event; Karen Altieri, the women's; and Sheila Morgan, the wheelchair race.

Taking first place for men in the half marathon was Steve Whitmore of Lancaster with a winning time of 1 hr., 14 min., 59 sec. Coming in second was Tom Rindt of Ridgecrest, with a time of 1:15:57, while in third place Neil Wilcox of Bakersfield was clocked at 1:22:08.

Other finishers in the top 10 included Mick Rindt, Ridgecrest, 4th; Dave Harvey, Lake Isabella, 5th; Dave Rugg, Ridgecrest, 6th; Mike Mumford, Ridgecrest, 7th; Jim Talley, Lancaster, 8th; Scotty Broyles, Ridgecrest, 9th; and Billy McDougale, Bakersfield, 10th.

Taking the top spot among women runners was Laura Lowe of Bakersfield, with a winning time of 1:26:38. She was followed closely by Dianne Lucas of Ridgecrest at 1:27:38.

Other top women runners included Mary Kilpatrick, Ridgecrest, 3rd; Marla McBride, Ridgecrest, 4th; and Jerry Mumford, Ridgecrest, 5th.

## 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** — Talk about fraud, waste, and abuse, who's responsible for watering on the base? While walking to work this morning from Ridgecrest I noticed that the trees behind the bushes on Inyokern Road were being thoroughly watered, which isn't a bad idea; however, I noticed when returning from lunch that the water was still on and was running like a river.

My grandson was playing soccer recently on one of the new fields across from Knox softball fields. The water was so deep in spots the ball would come to a stop. Then halfway through the second half the water came on, soaking both spectators and players. The boys didn't mind but the game had to be called and more water was wasted.

I called the Public Works Department, and they seemed interested, but nobody seemed to know who was responsible, NWC or contractor. Judging from my water bill, water is expensive. Maybe some savings could be realized by paying attention to a watering schedule. Thank you.

### ANSWER

The watering of the trees along Inyokern Road is manually controlled by the contractor responsible for grounds care. While adequate watering is essential, wasteful watering is unacceptable. The contractor has been cautioned regarding this condition and has taken action to prevent future occurrences by instructing his personnel as to timing and amounts of water.

The soccer fields are watered by an automatic clock system. The problem identified was either the result of a clock malfunction or incorrect clock settings. The contractor has been instructed to make periodic checks of the settings so as to ensure proper timing and duration of watering to preclude both flooding of the fields and inadvertent watering of the players. In addition, I will make periodic checks on a personal basis. Thanks for your concern.

### QUESTION

**Civilian Employee** — My question pertains to people who are working for Civil Service and who have prior military service that can be credited to them in determining their retirement annuity. Many people are unaware of this.

I'd like you to put this in the Rocketeer to let people know that information on this matter can be obtained by contacting Dorothy Dandurand, a Payroll Office employee, by calling NWC ext. 2121.

### ANSWER

A 1982 law called the Omnibus Budget Reconciliation Act created an option for civilian employees who served in the military at any time after 1957 to have their military time credited toward both Civil Service Retirement and Social Security. To have the military time credited, the employee must make a deposit to the Civil Service Retirement Fund in an amount equal to 7 percent of the base pay earned while in the military.

Any civilian employee who served in the military after 1957 should request a statement of earnings from the Military Finance Center. The forms for making this request may be obtained from Code 091 by calling NWC ext. 2018 or 2592. Any questions in this area should be referred to Eileen Baird by calling ext. 2592.

We've tried to make our employees aware of this piece of legislation by publishing articles in the Rocketeer and the NWC Announcements, but occasionally we do miss someone. Thank you for giving me an opportunity to address this important issue.

## If requirements met, NWC will pay Cerro Coso College tuition

Under a contract between the Naval Weapons Center and Cerro Coso Community College, NWC will pay full tuition for employees enrolled in classes at Cerro Coso, provided that the employee can show the courses are job related or strengthen the employee's contributions to the NWC mission.

Tuition will be paid directly to the local college by the Personnel Department's Human Resources Development Division. Students involved in the Co-op program should inform the registrar of their status

when they enroll for classes. All other NWC employees seeking tuition reimbursement by the Center should submit a form DD1556 (Request for Certification of Training and Reimbursement) to Code 094 via department channels prior to registration.

Once the Form DD1556 is approved, prospective students will be notified to pick up this paperwork and take it with them when they register for classes at Cerro Coso.

There is no longer any tuition reimbursement for attending classes at Cerro Coso, therefore the procedure outline above must be followed.

Additional information can be obtained by calling Kit Driscoll at NWC ext. 2648.

## Next lectures set in JP Tech Orientation series

Two lectures that are a part of the Junior Professional Technical Orientation Series have been scheduled at the Training Center.

The first one will be presented by Stuart Witt, an engineer in the F/A-18 Weapons Systems Support Activity Office of Code 31, whose subject will be "Carrier Operations."

This lecture is planned on Wednesday, Nov. 21, from 9:30 to 11:30 a.m.

On Dec. 10 from 2:30 to 4:30 p.m., Phil Arnold, head of the Weapons Planning Group, will discuss "NWC and the Overall Organization."



**READY, AIM...** — Frank McElfish directs members of a veterans' firing squad as they prepare to fire the traditional salute to those who have served their country in war and peace.

— Photo by Mickey Strang

## Veterans' Day observed locally during ceremony at VFW Hall

A renewed sense of patriotism and pride in country helped bring out the largest audience in recent years to attend the Veterans' Day service held at the Veterans of Foreign Wars Hall in Ridgecrest last Sunday morning.

Current active duty personnel joined with veterans of America's wars and their families in honoring those who served their country in time of peace and war. Joining in attendance was a large contingent of the Canadian Forces personnel who are currently based at NWC.

Just as the audience consisted of those of all ages from tiny youngsters to white haired veterans honoring fallen comrades,



**Major Jim Fortune, USMC**  
Featured Speaker

so did the words of the speakers encompass the patriotic themes of this nation's history.

Harold Platzek, a representative of the Veteran's Coordinating Council who served as master of ceremonies, noted that the earliest veterans, those of the Revolutionary War, lighted the path of freedom for all.

"Those patriots served, sacrificed, and fought for America while others predicted doom, defeat, and death. We must not let the deeds of these patriots be forgotten and vanish like raindrops in the hot desert sand," Platzek told the assemblage.

Major Jim Fortune, Ground Systems Officer assigned to the U.S. Marine Corps Liaison Officer at NWC, echoed Platzek's emphasis on history in the featured speech of the day.

The armistice ending World War I that occurred at the eleventh hour of the eleventh day of the eleventh month in 1918

brought forth the largest public demonstration of jubilation and thanksgiving that had ever been seen in this nation, Maj. Fortune said.

The following year on that date, President Woodrow Wilson issued a proclamation that concluded with these words:

"... To us in America, the reflections of Armistice Day will be filled with solemn pride in the heroism of those who died in the country's service and with gratitude for the victory, both because of the thing from which it has freed us and because of the opportunity it has given America to show her sympathy with peace and justice in the councils of nations."

In subsequent years, increasing attention was called to Armistice Day, leading to President Franklin D. Roosevelt signing a proclamation in 1938 that made the day a legal holiday in Washington, D.C.

The following 15 years, however, said Maj. Fortune, caused Armistice Day to lose relevance as America came through World War II and Korea.

On Nov. 11, 1953, the citizens of Emporia, Kansas, celebrated the day as Veterans' Day to honor all those who had served their country, and by the next year, President Dwight D. Eisenhower had signed into law a bill declaring Nov. 11 as Veterans' Day.

Maj. Fortune said that "twice during the past week I participated in events that to me reflect the legacy of the American veteran: first, worshipping in the church of my choice, and, second, taking part in the electoral process."

He noted that "these rights are not God-given. They have been gained by the sacrifice and valor of you American veterans and your comrades."

The increased awareness of American patriotism, Maj. Fortune said, was reflected to him in the grief expressed over the death of the Americans in Beirut, the joy shown over the successful return of Americans from Grenada, and the pride and enthusiasm shown during the 1984 Olympics.

In conclusion, he read the Veterans' Day message from the Commander in Chief, President Ronald Reagan, that ended with the words "All Americans offer their gratitude to our veterans, past and present, whose loyalty, courage, and dedication are responsible for the peace and freedom which distinguish our great republic."

Also taking part in the ceremonies were the Center's Sea Cadets; Fred Shaughnessy of the American Legion (who gave both invocation and benediction); vocalists Annette Warren and Emma Pollock; and a veterans' firing squad headed by Frank McElfish that fired the traditional salute while Lt. Dave Feldman, USN, played taps.





Karen Altieri

## Meeting scheduled to discuss forming network for women

All women in the community are invited to attend an informational meeting on Tuesday, Nov. 27, that could lead to the formation of a women's network. The meeting will be held at Le Parc restaurant (at Heritage Village in Ridgecrest).

The aim of a women's network is to promote the personal and professional growth of women through education, mutual support and sharing of resources, according to Bonnie Irvine, who is leading the effort to begin such a network in the local area.

Mrs. Irvine was a member of a women's network in Ventura County that she found to be of great value to all its members. Members of that network ran the gamut of professions, from those who owned their own business to housewives who didn't work outside the home.

The evening's activities will begin with a "networking" session from 5 to 6 p.m., to be followed by dinner at 6. The guest speaker will be Karen Altieri, the Center's Professional Recruitment Coordinator, whose talk is entitled "I Am the Mistress of My Fate."

Tickets priced at \$11.50 cover the cost of dinner, which will consist of quiche Lorraine, hot vegetable, salad, and tea or coffee.

Reservations are required and tickets must be picked up by the close of business on Friday, Nov. 23. They may be obtained at either the Ridgecrest Chamber of Commerce office, 303 S. China Lake Blvd., Ridgecrest, or from the Center's EEO office in the Personnel Building, 505 Blandy Ave.



**PROUD TRADITION UPHELD** — Joining in the ceremony of cutting the birthday cake that is always a highlight of the Marine Corps birthday ball are (l. to r.) MSgt. John Roloff; Gerry Schiefer, NWC Deputy Technical Director, who was guest of honor; Col. John Tyler, NWC Marine Corps Liaison Officer; and MGySgt. Al Garza. More than 250 guests attended the traditional ball that was held Saturday evening at the Enlisted Mess. Another Marine Corps birthday ball (this one on Friday night), was held by Marine Corps personnel currently with Air Test and Evaluation Squadron Five for operational evaluation of the AV-8B Harrier aircraft. More than 140 guests attended this Marine Corps birthday ball at which Lt. Col. R. M. Stromberg, USMC, officiated. Guest speaker for the occasion was Brig. Gen. Charles M. Pittman, USMC, Assistant Wing Commander, Third Marine Aircraft Wing at El Toro, Calif.

## Facilities of Auto Hobby Shop open to military, DoD civilians

The current policy of the Auto Hobby Shop, part of the Community Recreation Division of the Recreation Services Department, is to allow only active duty or retired military members and their dependents, active military reservists, and DoD personnel to make use of the facility for doing repairs on their own vehicles.

The Auto Hobby Shop, located near the Maturango Museum building, is open from 11 a.m. to 9 p.m. from Tuesday through Friday; and from 9 a.m. to 5 p.m. on Saturday and Sunday. The shop is closed on Mondays.

## Course on financial management for new supervisors slated

Enrollment is now open in a class entitled "Financial Management for New Supervisors" that will be held from 8:30 to 11:30 a.m. on Dec. 7 at the Training Center.

This course, which is to be taught by Gale Poppen, head of the Budget Division in the Office of Finance and Management, will provide new supervisors with basic information on the NWC financial system.

Topics to be covered include levels and kinds of funding received, the overhead system, rate stabilization, and acceleration.

Because this class is limited to 15 students, those interested in attending should submit a training request form via department channels to Code 094. The enrollment deadline is Nov. 21.

## China Lake Police reports

Multiple charges of rape, attempted murder, kidnapping and grand theft auto were filed last Friday afternoon in the wake of an incident that occurred shortly after 4:30 in the desert area near the Naval Weapons Center main gate.

A 25-year-old woman, who gave a ride to a hitchhiker in Ridgecrest, was assaulted at knifepoint by the man, who also took her car.

The suspect is described as being of Mexican descent, with brown hair and skin, 20 to 24 years of age, 5 ft. 7 or 8 in. tall, and weighed 130 to 140 lb.

### BEATING ADMINISTERED

China Lake police have turned over to Kern County juvenile officers the details of an alleged beating administered by two young girls to a third.

The incident occurred shortly before 2 p.m. in the vicinity of the Groves Elementary School. The victim reportedly was



**IT'S A PLEASURE** — Capt. J. T. Phaneuf (at right), head of the NWC Aircraft Department, congratulates Conrad F. Fairchild, an employee in his department, after presenting him with a Special Act Award. Fairchild was singled out for this honor and the stipend that accompanied it in recognition of his successful efforts in developing a cover for use during storage of QF-4 drone aircraft. — Photo by PH3 Rick Moore

## Development of aircraft storage cover is basis for special award

Conrad H. Fairchild, an equipment specialist in the Systems Engineering Branch of the NWC Aircraft Department's Engineering Support Division, was the recent recipient of a Special Act Award that was presented by Capt. J. T. Phaneuf, his department head.

Fairchild, who is the production coordinator for a program that involves the conversion of F-4 aircraft to pilotless drones for use as targets in tests of missiles and other weapons, was rewarded for developing a cover for use during storage of these full scale aerial targets.

The specially-made cover is large enough and sufficiently weatherproof to protect all of the upper portions of the QF-4 aircraft, (which must be left parked in the open) from the ravages of wind, dust, heat and cold.

The honoree wrote the specifications to satisfy the particular requirements of a cover for the QF-4 aircraft, and then personally completed all contracting requirements to assure the timely procurement of the first four covers.

This one-time purchase eliminated the need for manpower to run storage operations for converted QF-4 aircraft, and has greatly decreased the time required to get the drones out of storage and ready for operational use.

Fairchild received a monetary award of \$1,120 based on one year's total savings of \$14,585.

Fairchild has been a Civil Service employee at NWC for a little more than a year. Before that he worked for a contractor (Kentron) as the F-4 inspection and repair-as-necessary lead man for seven years, and did similar work for two years when the contract for this work was held by Northrup Aircraft.

**ILLEGAL WEAPON CONFISCATED** — China Lake police officers were called to Murray Junior High School on Thursday morning, Nov. 8, to investigate the alleged possession of a deadly weapon by a 13-year-old boy.

The youth brought to school a Japanese throwing star — an object which, because of its sharpened edges, is classified in Section 12020 of the California Penal Code as a deadly weapon.

The youngster was released to the custody of his parents, and the matter was turned over to the Kern County Juvenile Department.

According to the China Lake police, both throwing stars and nunchakus (a chain or leather thong having rounded dowels at each end) are classified as deadly weapons whose possession is forbidden in California.

Some if not most are ordered by mail, and more are showing up lately in the local area. Purchasers should be aware of the difficulties they may face if found to have such devices in their possession.

**EQUIPMENT THEFT REPORTED** — Grand theft of equipment left in an unlocked vehicle parked in the Public Works Department compound was reported last week to China Lake police.

Two flashlights, along with power equipment valued at an estimated \$500, were taken from a van that also was left with a big dent in its side by whoever committed the theft.

beaten in the face, stomach and back by her assailants.

### TEENAGER PICKED UP

A 14-year-old boy who was found to be in possession of a single-edge razor blade was taken into custody Tuesday morning at Murray Junior High School.

The youth was later released to his parents, and the charges that led to his apprehension have been turned over to Kern County juvenile authorities for further investigation.

### CASH THEFT INVESTIGATED

Police were called last Tuesday afternoon to investigate the theft of \$630 in cash from a locked file cabinet in a building at Armitage Airfield. Although the cabinet from which the money reportedly disappeared was locked, there was no sign of forced entry.

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## Range area rattled during October by minor earthquakes

A series of small earthquakes rattled NWC lands last month, although the majority were too small to be noticed by people in the area.

Most of these temblors are epicentered north of the SNORT track, in the vicinity of Charley tower, and just to the north of Charley tower. The rest were scattered mainly in the northern range areas.

While none of these quakes was at all damaging, they do serve as a reminder that the earth beneath the Center's lands is restless, and residents should be prepared for quakes that are potentially large enough to be destructive.

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# Deputy CNM forecasts increased use of Navy labs. . .

(Continued from Page 1)

of that."

With regard to changes in military/civilian relationships over the years, Dr. Colvard said he felt that these have been very gradual.

"In the laboratory community, there has always been a good relationship between the military and the civilian because there is a power balance," he said.

"There is a dominant work force that knows the technical ideas that is civilian. There is the legal and formal authority invested in the Commanders. By being assigned the Command, the Skipper has power. By knowing how to solve the problems, the civilians have power.

"When people are in an equal power balance, there isn't a problem because there is balance. It's when someone's clearly in power that you've got a problem because there's no way to address problems on an equal footing.

"In the headquarters, we've never had civilians in a power-equal role. We still do not have. It's much more difficult because there we're really managing and overseeing, and we're not solving technical problems, so the expertise of the engineer is not the critical talent in headquarters and does not put him or her into a power equality position.

Dr. Colvard then optimistically added that "I think in the last five years, we have begun to make some progress.

"In fact," he said, "the reason I left the laboratory community was to try to address that balance by using the Civil Service's Reform Act to get our senior civilians into positions of responsibility, but not to contest the management of the Navy by the military. It is the Navy, it belongs to the people in uniform.

"But it also belongs to us, to all of us. We're in the Navy," Dr. Colvard said, "we don't just work for the Navy. We do have something to bring to the table in the way of problem solving, and we, the people in civilian clothes, can improve the management."

He continued, "That's a long process. We've made some steps. We now have a board that's chaired by Admiral White that manages our civilian assets, the senior executives, the same way we do the flag officers.

"We assign them all over the country. Bob Hillyer was moved from here to become the Director of Navy Laboratories. He was doing an outstanding job here, but we had a critical job that the Navy needed done. He could do more for the Navy back in Washington, and we knew that we had Burrell Hays, who is a strong, competent leader, to back him up here. Those kinds of decisions now get made on a regular basis; we didn't do that in the past.

"I haven't seen a real shift in military/civilian relationships in the labs," Dr. Colvard said, "because I think it's always been healthy. There are individual instances when you will get a Commanding Officer and a Technical Director who don't get along, but I think there's always a healthy respect out in the labs. They're really a kind of prototype for the military/civilian team.

"I'm hopeful that over the next 10 years (and it'll take that long), there will be a real change, that we'll get a stronger military/civilian team with mutual respect in headquarters because it takes appreciation of the other person's strength to contribute to the management process."

In answer to a question about other civilians moving into positions not previously held, as he himself did, Dr. Colvard said that he was trying to institutionalize around the concept of his being the

## Sigma Xi award for best paper of year goes to Dr. Elson

Results of the annual competition held by the China Lake Chapter of Sigma Xi, the Scientific Research Society of America, to select the "Best Scientific Paper of the Year" were announced this week.

The winning paper was submitted by Dr. J. M. Elson, a research physicist in the Physics Division of the NWC Research Department. This paper was an attempt to explain the discrepancies between the theory and measurement of scattered light by optical components. It was published in the November 1984 issue of "Physical Review B."

This year there were 19 papers considered for the Sigma Xi award from the fields of physics, mathematics, and chemistry. The writers came from the NWC Fuze and Sensors Department and the Weapons Department, addition to the Research Department.

The papers considered for the Sigma Xi award were all published in the open literature during 1984. In judging the entries, the criteria and the weight they were given in reaching the final decision, were: scientific contribution, 50 percent; originality, 30 percent; and clarity and format (20 percent).

Announcement of the winner and presentation of a certificate to Dr. Elson denoting this honor was made during the fall dinner meeting of the China Lake chapter of Sigma Xi by Dr. D. L. Decker, president of the local group.

## "Experience and exposure and contact build trust."



Dr. James Colvard

first civilian Deputy in NAVMAT.

He noted that "I intend to leave there in the not too distant future. I said that I would stay five to seven years, and the fifth year is up in April. I said that very specifically because I believe that you never want to get the idea that only one person can do a job because of the perceived strengths of that individual.

"It's just like saying that there can only be one person who can be the Commander of this place," Dr. Colvard pointed out. "There have been a long succession of Captains as Commander in a place, there are a long string of civilians who can be civilian deputies, and so I'm going to move on so that someone can come in behind me and demonstrate clearly it is a function that can be performed by competent civilians, not just a job for Jim Colvard.

"Dr. DiMascio is a civilian deputy of NAVAIR, and we are about to create another civilian deputy in one of the Systems Commands. We're beginning to clearly see a pattern now of the flag officers recognizing the utility of the senior civilians.

"I think," he continued, "the next big hurdle will be to make a very positive and real change in the number of civilian program managers we've got in Washington. That's an area we've not made any progress in. We're still mostly military program managers. They're good program managers, by and large, but we haven't been qualifying any of our civilians.

"We're working on a development cycle now to lay out a plan for moving GS-13s and 15s between field and headquarters to get a better set of experiences. We're trying to manage those people as a total community so that we've got qualified people to feed in as program managers. The Secretary of the Navy is strongly behind that."

Dr. Colvard says that he believes this will take several years, but "I would feel that I had succeeded if I could look back and see civilians regularly considered for key spots that are common to the whole such as in headquarters, such as deputies in the Systems Commands, and, more importantly, a significant number of civilian program managers.

"There's been some discussion that the laboratories ought to be headed by civilians," he said, "and that the Captain ought to be the deputy. I strongly disagree with that because there is a great value in an organization that is called the Navy to have people in command who have had the 200-year history of being an integral part of it. In other words, the officers in uniform interface with the funding structure and the power structure in Washington because the people whom they get their money from are also Captains.

"If you break that tradition, a laboratory becomes viewed as just a place where a lot of bright people work, not a Navy laboratory. The Navy has to believe that 'this is ours, this is our laboratory, and it's an important laboratory. It does great work, and, you know, I've got guys in there that I've sailed with or flown with or whatever, that tell me this is true' — and that credibility link is very important.

"The civilian has plenty of power," Dr. Colvard believes. "Any Technical Director who can't get things he wants done in his laboratory is not a good Technical Director because he's got the resources, he's got the people, he knows what the power levers are. I've seen some Commanders who might have been more difficult to do that with than others, but, in the long haul, the civilian doesn't lack for power."

On being asked whether the civilian's corporate memory might also be considered a power factor, since civilians stay while military Commanders are transferred, Dr. Colvard agreed. He added that "even before they become the Technical Director, they're probably also well known in the community.

"It's the same sort of network that naval officers have. Your Captain here, Dickerson, can pick up a phone and call people he served with, who trust him, who know him (and that level of trust is critical), so that they take his word and don't have to double check anything that he has to say. That's efficient. If an independent group has to check out anything said, that's inefficient.

"Experience and exposure and contact build trust. I have to associate with someone long enough for them to know what my value set is for them to trust me. The civilian Technical Director has that level of trust with the scientific community and the military Commander has that level of trust with the sponsors, so it's an ideal team."

(To be continued)

## Van Aken to relate history of record breaking rocket car

"Breaking the Speed of Sound on the Ground — The Budweiser Rocket Story" will be reported by Ray Van Aken at a meeting of the China Lake Section of the American Institute of Aeronautics and Astronautics to be held on Wednesday, Nov. 28, at 11:30 a.m. in the Flight Deck of the Enlisted Mess.

Van Aken, the project aerodynamicist, will trace the project from the building of the first car in 1974 to the actual breaking of the sound barrier at Edwards Air Force Base in December 1979.

The meeting is open to the public. While lunch will be either from the buffet line or the menu, reservations are requested to ensure that adequate seating will be available.

Reservations must be made no later than Friday, Nov. 23, and may be made by telephoning any of the following: Steve Benson, NWC ext. 3441; Steve Carter, NWC ext. 2627; Jim Chikar, 446-7671, ext. 284; Howard Fish, NWC ext. 2366; Ken Katsumoto, NWC ext. 7233; Bob Nelson, NWC ext. 3912; Jim Serpanos, 3411, ext. 367; and Dennis Sorges, NWC ext. 6401.

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**SIGMA XI AWARD PRESENTED** — Dr. D. L. Decker (at left), president of the China Lake Chapter of Sigma Xi, congratulates Dr. J. M. Elson after presenting him with a certificate for having submitted the "Best Scientific Paper of the Year."

## IEEE schedules talk by computer consultant

Robert L. Patrick, a free lance computer consultant for 25 years who has worked for many of southern California's leading firms involved in the aerospace industry and electronics, will be the guest speaker at the next meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE).

Patrick, who now lives in Rosamond, will

discuss "Custom Systems Development Methodologies," at the next IEEE luncheon meeting scheduled on Monday, Nov. 26, from 11:30 a.m. to 12:45 p.m. in the Chart Room of the Commissioned Officers' Mess.

The meeting is open to all interested persons, who may make their individual selections for lunch from the COM menu.