



**CHRISTMAS PARADE** — In the annual Christmas parade held in Ridgecrest last Saturday the NWC Sea Cadets color guard proudly carried the flags of the nation, the state, and their unit. Capt. S. I. Stocking, deputy head of the T&E Directorate and head of the Aircraft Department on the Naval Weapons Center, represented NWC command in the parade; Capt. Stocking was accompanied by his son Stephen (l.) and Kevin (r.). A very practical Santa Claus decided that a jeep would provide much better transportation for his visit to the Indian Wells Valley than his sled; this way he'd be down at street level so all the children of the Valley could see him better than if bounding across the rooftops. The Ridgecrest Moving and Storage Co. float (pictured

middle row left) received a first place award in the commercial division. Grand marshal of the parade was Jeremy Jackson, the 10-year old poster boy for this year's Muscular Dystrophy campaign. Santa's Mail Box float, sponsored by Camilla's Beauty Salon, which was also entered in the commercial division, received that division's second place award. The Murray Junior High School band (lower left) and its drum major both received first place awards in the junior high school category, while the float entered by the IWV YMCA, (center) was awarded a second place for youth organizations. Sailing majestically down the street was a replica of the cruiser USS Los Angeles, entered by the Los Angeles area of the Navy Recruiting Office.



**Commissioned Officers' Mess**  
Tonight is Membership Night at the Commissioned Officers' Mess. The menu includes breast of chicken, tossed salad, baked potato, green vegetable, and coffee or tea. Dinner will be served from 6:30 to 9 p.m.

Performing for the listening and dancing pleasure of COM members and guests from 9 to 1 a.m. will be the "Shanghai" combo playing music from the '50s, '60s, and '70s. Price for this evening of dining and dancing will be \$3 for members and their spouses, and \$4 for guests.

On Monday, Dec. 18, there will be a Jam Session starting at 7:30 p.m. COM members are invited to enjoy music by visiting musicians from various parts of the United States.

Japanese Night is scheduled on Dec. 21 from 6 to 9 o'clock. The menu will include beef teriyaki, chicken yakitori, and shrimp tempura.

Reservations are now being taken for the New Year's Eve Party at the Commissioned Officers' Mess. The price of \$12.50 per person includes dinner, dancing to the "Sounds of Country," hats, noisemakers, party favors, and the festivities will be topped off by a New Year's Eve breakfast.

Dinner will be served from 7 to 9 p.m., dancing will follow from 9 to 1 a.m. and breakfast is planned from 1 to 2:30 a.m. Reservations can be made by calling 446-2549. It is requested that all tickets be picked up no later than Dec. 23.

**CPO Club**

Tickets are now on sale at the Chief Petty Officers' Club for the annual New Year's Eve party. The ticket price of \$20 per couple includes a prime rib dinner with wine, hats, noisemakers, and party favors.

"The Coconut Grove," a contemporary music group, will be performing for the dancing and listening pleasure of CPO Club members and their guests.

The party will begin at 6 p.m. and dinner will be served at 7.

**Enlisted Mess**

Tonight at the Enlisted Mess "Caesar and the Romans" a rock group from Los Angeles, will be performing from 9 to 1:30 a.m.

There will be regular dining hours on New Year's Eve, followed by a gala New Year's Eve party with favors. Returning for the occasion will be "Caesar and the Romans" playing for the listening and dancing pleasure of party-goers from 9 to 1:30 a.m. There will be a special service fee for the evening of \$3.50 per person.

**Holiday matinee slated**

The Special Services Division will sponsor a special matinee on Saturday, Dec. 23, from 1 p.m. to 4 p.m.

Santa Claus, Smokey the Bear, and Woodsy the Owl will arrive at 1 p.m. courtesy of the Naval Weapons Center Fire Department.

Free popcorn and candy will be offered to all youngsters in attendance.

Youth Center members will be admitted free; all others will be charged 50 cents each to help defray costs.

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Naval Weapons Center  
China Lake  
California

December 15, 1978  
Vol. XXXIII, No. 50

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**HIGHLY HONORED** — Chief Air Controllman Robert Rodriguez receives the Vice Admiral Robert R. Pirie Air Traffic Controller of the Year Award for 1978 from George Toumanoff, vice president of the Cutler-Hammer Corporation's Airborne Instrument Laboratory. At right is Rear Admiral William L. Harris, Commander of the Naval Weapons Center, who congratulated ACC Rodriguez for the part he played in preventing an aircraft accident while assigned to duty at the U.S. Naval Station at Adak, Alaska. RAdm. Harris also read a commendation from Secretary of the Navy W. Graham Clayton, Jr., which was then presented to ACC Rodriguez, who is currently the control tower chief at Armitage Field. The award presentation ceremony took place during a luncheon held on Dec. 14 at the NWC Chief Petty Officers' Club. —Photo by Ron Allen

**2 China Lakers honored for FY78 contributions to NSAP**

Two employees of the Naval Weapons Center were among seven representatives from various Naval Laboratories to be singled out for special recognition as a result of their outstanding contributions in Fiscal Year 1978 to the Navy Science Assistance Program (NSAP).

During the recent annual NSAP meeting, held at the Naval Postgraduate School in Monterey, Calif., Barry G. Pifer, director of the Navy Science Assistance Program for the Department of the Navy, presented awards to D. Jack Russell, head of the NWC Engineering Department, and to Paul H. Amundson, head of the Marine Corps Technology Office in the Fuze and Sensors Department.

Russell, who served from June 1977 to June 1978 as Science Advisor to the Seventh Fleet, was the recipient of the "Outstanding NSAP Science Advisor of the Year" award. Amundson, who was assigned to the Marine Corps Development and Education Command from August 1976 until February 1978, was recognized for having received the Meritorious Civilian Service award during a ceremony held last September.

Throughout the year he spent as Science Advisor to the Seventh Fleet, homeported in Yokosuka, Japan, Russell was an observer of major Fleet exercises and worked with U.S. Naval Commands in the Philippines, Korea, and Okinawa in order to identify problems which the Navy laboratories could assist in solving.

Once a problem had been identified and a possible solution proposed, it was Russell's job to follow up by contacting a Navy laboratory with expertise in the particular area in which help was needed and request official NSAP support. In some instances, (Continued on Page 3)



**NWC DEPARTMENT HEAD HONORED** — D. Jack Russell (at left), head of the NWC Engineering Department, accepts the NSAP "Outstanding Science Advisor of the Year" Award from Barry G. Pifer, Director of the Navy Science Assistance Program. Russell was selected for this honor in recognition of his outstanding year-long performance as Science Advisor to the Seventh Fleet during Fiscal Year 1978.

**Navy's newest dune buggy is equipped with sail as target for antitank guns**

Desert dwellers used to seeing dune buggies would be startled to see the Navy's newest dune buggy — one with a sail — scurrying around a course with no driver on board.

This weird contraption, however, is a highly practical target simulator developed at the Naval Weapons Center to aid Marine Corps personnel with direct fire weapons practice such as for antitank warfare.

The buggy has a 3-dimensional sail-type target mounted atop a sturdy frame; this looks enough like a tank so that it serves well as a target for ground-to-ground antitank firing practice. The sail top is all that is seen by gunners because the buggy itself is protected by a 10-ft. high earth berm as it traverses its course.

The vehicle part of the mobile land target (MLT) consists of a commercial dune buggy frame with a 1600 cc. Volkswagen engine and a 3-speed automatic transmission.

A protective shield, 4 ft. by 12 ft. by 3/8 in., is mounted over the buggy. This shield deflects dirt and rocks loosened from the berm by the inert target rounds fired at the vehicle.

On the shield is mounted a 3-dimensional frame made of electrical fittings bolted together to hold the target sail made of porous fiberglass cloth; this target is configured to look like a tank. The "tank" is 16 ft. long, 8 ft. high, and 7 ft. wide, and is guyed with 8 wires per side to provide equal force on the target structure.

What makes the MLT most unusual, though, is not so much its appearance as its method of control and guidance.

This MLT is guided by signals sent over four wires laid in a closed course pattern. The operator gives remote commands from the control box, and the vehicle starts, shifts into drive, then releases its brakes. At that point the operator sets the switch on an automatic mode, and the vehicle scurries off.

The MLT can traverse a course at varying speeds, usually from 12 to 25 miles per hour, although it can travel faster. Speed changes are determined by the pattern of wire laid out on the course.

The vehicle guide path consists of a continuous length of two twisted pairs of 7 strand steel wire. The wire is staked to the ground at 20- to 30-ft. intervals, and may be buried as deep as 4 in. below the surface of the ground. These wires are environmentally sound; weather doesn't degrade their performance nor do they affect the ground on or under which they are laid.

The MLT receives 8 kilohertz and 10 kilohertz signals from the wires through sensor antennas mounted at its front, which causes the vehicle to respond to commands sent from the remote control box.

The advantages of the wire-guided MLT over most other moving targets are great. It operates cheaply, it can operate in day or night or all weather because line of sight to the operator is not required, and the target is inexpensive to repair if it is damaged by one of the inert rounds used for firing practice. The course can easily be changed by just a re-staking of the guide wire. The (Continued on Page 3)

**Presentation of Michelson Lab Awards set Jan. 9**

The Michelson Laboratories Awards will be presented on Tuesday, Jan. 9, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess at 11:30 a.m.

The Michelson Laboratories Award is designed to recognize technical and professional excellence based on an individual's singular efforts in performance of duties which are outstanding in nature and serve to further the mission of the Naval Weapons Center.

This award, established in 1966, is complementary to the Center's highest local award, the L. T. E. Thompson Award.

Reservations for the awards luncheon may be made by phoning NWC ext. 2634 before 4:30 p.m. on Monday, Jan. 8.

**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—7:30 p.m.

FRIDAY	15 DECEMBER
"BRONSON LEE CHAMPION" (79 min., rated PG)	
SATURDAY	16 DECEMBER
"FOREVER YOUNG FOREVER FREE" (85 min., rated G)	
1:30 Matinee—regular adm.	
"OUR WINNING SEASON" (100 min., rated PG)	
MONDAY	18 DECEMBER
"HIGHBALL" (105 min., rated PG)	
WEDNESDAY	20 DECEMBER
"COACH" (102 min., rated PG)	
FRIDAY	22 DECEMBER
"YOUNGBLOOD" (94 min., rated R)	
SATURDAY	23 DECEMBER
Christmas Matinee 1 o'clock	
"THE BAD NEWS BEARS GO TO JAPAN" (99 min., rated PG)	
WEDNESDAY	27 DECEMBER
"CORVETTE SUMMER" (111 min., rated PG)	
FRIDAY	29 DECEMBER
"ANTONIO" (93 min., rated PG)	
SATURDAY	30 DECEMBER
"WACKY TAXI" (81 min., rated G)	
1:30 Matinee—regular adm.	
"IF EVER I SEE YOU AGAIN" (111 min., rated PG)	
TUESDAY	2 JANUARY
"TEXAS DETOUR" (92 min., rated R)	
WEDNESDAY	3 JANUARY
"ALMOST SUMMER" (89 min., rated PG)	
FRIDAY	5 JANUARY
"GOODBYE NORMA JEAN" (97 min., rated R)	

**CLOTA radiothon raises \$100 per hour**

A 21-hour Radiothon, conducted jointly this past Friday and Saturday by the Community Light Opera and Theatre Association (CLOTA) and Radio Station KLOA netted more than \$2,600 for CLOTA's building fund.

The third such function to be held as a community service by KLOA for the local nonprofit theatrical organization, the Radiothon was held once again at the Bud Eyre Chevrolet-Toyota Showroom. Despite freezing weather, Radiothon Announcers Florence Green and Bob Pinney were able to drum up a wide variety of supporters for this endeavor and purchasers for the donated items that were auctioned off over the airwaves.

For the first time, motivated perhaps by the Christmas spirit, donors outpledged purchasers of auctioned items, to bring in over \$1,500 of the amount raised.



**LET'S DANCE!** — The Ballet Arts Theatre will present a benefit performance tomorrow night at 7 at the Burroughs High School Lecture Center, with the proceeds to be given to the local Spay and Neuter Foundation. Among the dancers to appear will be (kneeling, front, l. to r.) Cathy O'Drobinak and Diane Evert, and (standing, l. to r.) Kara Kinley, Terrie Jacks and Kimi Matsuda. Tickets are priced at \$3 for adults, \$2 for students and senior citizens, and \$1 for children.



CATHOLIC CONGREGATION Confession Schedule

Monday through Friday, Dec. 18-22, Small Chapel... 11:15 to 11:30 a.m. Tuesday, Dec. 19, All Faith Chapel, Communal Penance Service... 7:30 p.m. Saturday, Dec. 23, Small Chapel... 3:30 to 4:45 p.m. Sunday, Dec. 24, Small Chapel... 8 to 8:25 a.m.

Mass Schedule

Monday through Friday, Dec. 18-22, Small Chapel... 11:35 a.m. Saturday, Dec. 23, All Faith Chapel... 5 p.m. Sunday, Dec. 24, All Faith Chapel... 8:30 to 11:30 a.m. and 12 midnight. Dec. 25, All Faith Chapel... 10:00 a.m. Tuesday through Thursday, Dec. 26-29, Small Chapel... 11:35 a.m. Saturday, Dec. 30, All Faith Chapel... 5 p.m. Sunday, Dec. 31, All Faith Chapel... 8:30 to 11:30 a.m. Monday, Jan. 1, All Faith Chapel... 10 a.m.

PROTESTANT CONGREGATION

Sunday, Dec. 17, Main Chapel, Sunday School Christmas Program... 7 p.m. Sunday, Dec. 24, Main Chapel, Candlelight Service... 7 p.m.

HEBREW CONGREGATION

Saturday, Dec. 16, Chanukkah Party for Children, East Wing... 11 a.m. Friday, Dec. 22, Religious Service, East Wing... 7:30 p.m. Sunday, Dec. 24, Bagel & Lox Brunch, 1212 Mayo St... 10 a.m. Friday, Dec. 29, Chanukkah Dinner, East Wing... 7 p.m.

Use judgment when buying toys

By Billie Hise

Safety at Christmas is up to the individual. Use judgment when buying toys. Some parents think three year olds are advanced mentally and physically enough to handle such things as a construction set with sharp edges and loose nuts and bolts. Or they want to buy china dishes which can break and cut, or they get a set of very small items that can be swallowed. Others may think their six year old is ready for a chemistry set.

Here are some suggestions from the National Safety Council:

When buying toys for infants, consider eye appeal and the fact that the toy is safe, no detachable part. Select those that are non-breakable and can be easily washed.

For the child from one to two, something that he or she can investigate is interesting: Push-pull toys, rattle blocks, boxes with covers, sand box toys, soft dolls, and animals are fun.

The two or three years olds love to experiment. Small flexible dolls, simple housekeeping toys, small cars, trucks, trains or planes, paper and crayons, and toy telephones are items they enjoy. The three year old may want wooden building blocks, fire engines, a small tricycle, or a music box.

From four to six, children continue to imitate adults. Some cowboys want boots and chaps and a hat to play cowboy. A doll with clothes that can be removed and dressed for the occasion can provide hours of enjoyment. Housekeeping items or a blackboard so they can write or draw can give them pleasure.

Whatever toy you intend to purchase for any age, check the surface for sharp edges and corners, check to see if loose parts could be put into a young one's mouth or choke them.

Are the toys suitable for the child's age? Give safety, too, at Christmas time.

The Rocketeer

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R. M. Hillier Technical Director

Dr. Robert H. Pearson Head, Technical Information Department

Don R. Yockey Editor Mickey Strang Associate Editor (Acting)

Ron Allen Staff Photographer

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Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2049. 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. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WO, WL and WS positions are defined in CSC Handbook X-118C.

Computer Specialist, GS-334-12, PD No. 7842112, Code 42201 - This position is located in the Range Operation Support Office of the Range Department. The incumbent will provide computer programming and computer system analysis for development of real-time data collection, processing and display sub-systems for advanced time, space, position information systems. Job Relevant Criteria: Knowledge of digital computer operational theory; knowledge of compiler level computer programming language; knowledge of assembler level language; ability to employ real-time data processing.

Electronics Engineer, GS-855-9/11/12, PD No. 7742017E, Code 4243 - As a member of the Telemetry Branch in the Range Department, the incumbent will be responsible for the design, development, test, evaluation and procurement of advanced telemetry units. The design will utilize digital techniques to secure the transmission of weapons system data (firing signal, roll rate, etc.) from air to ground. This mission is part of the test and evaluation process of missiles undergoing development. Because the incumbent is independently responsible for the assigned telemetry unit, he will be responsible for interfacing with all interested/involvement parties. Job Relevant Criteria: Knowledge of digital design techniques; knowledge of systems engineering techniques; ability to interface effectively with other technical personnel.

Electronic Technician, GS-854-6, PD No. 7842112, Code 42213 - This position is located in the Radar Section, Air Operations Branch, Range Operations Division, of the Range Department. The incumbent will design, modify, evaluate, calibrate, operate and maintain electronic trajectory or velocity measurement instrumentation radar (i.e. MPS-26, MSG-3A, FPS-105, Capri solid state instrumentation radar with remote driver camera stations, FPS-20 air surveillance radar). The incumbent will maintain and operate target simulator radars (i.e. SCR-584, FPS-4, FPS-5, SPS-5, SAS-1 thru SAS-4, SAS-7, RSI, MPQ-2, SPS-8 TWS) and any modifications of these targets as required by particular range tests. The position has promotion potential to GS-11. Job Relevant Criteria: Knowledge of basic engineering, electronic and mathematical principles; ability to interpret basic electronic schematics and wiring diagrams; working knowledge of radar system terminology.

File applications for the above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 2577.

Electronics Engineer, GS-855-9/11/12, PD Nos. 7834208E, 7834207E, 7834213E, Code 3422 - This position is located in the Systems Electronics Branch, Engineering Design Division, Engineering Department. The incumbent of this position prepares engineering designs and required redesigns involving electrical or electronic devices to assure mass producibility of parts for items under his cognizance. This responsibility involves analyzing guided missile circuitry, and internal part of the missile guidance and control units, for the purpose of applying design or redesign aimed at facilitating mass producibility and maintaining or increasing functional ability. These projects involve the latest developments available in circuit design and components. Upon completion of the design phase, breadboards of the design are made for the purpose of proving feasibility. Verifies the technical accuracy and adequacy of any project documentation he/she uses or is assigned to review. This documentation includes drawings, specifications, and test procedures. Will also review the technical content of ECPs, NORs, waivers and deviations prepared by contractors and may be called on to generate some of these personally. Job Relevant Criteria: Knowledge of electronic circuit design, analysis, testing and production engineering; skill in the evaluation of electronic circuits; knowledge of the interface of electronic systems with hydraulic or mechanical systems found in air or surface launched missiles; ability to present ideas in oral and written form clearly, concisely, and effectively; ability to obtain cooperation from personnel of all levels both within and outside government.

File applications for the above with Leah Reusche, Bldg. 34, Rm. 204, Ph. 2722. Clerk-Typist, GS-322-3/4, PD No. 743614WN, Code 3421 - This position is located in the Mechanical Special Equipment Branch, Engineering Design Division, Engineering Department. Incumbent provides clerical support to the branch such as typing technical reports, correspondence, and memoranda; screening telephone and office callers and giving information; routing mail; preparing travel orders and making arrangements; filing; etc. Job Relevant Criteria: Ability to type efficiently and accurately on a Mag Card typewriter; ability to work independently; ability to deal tactfully and effectively with personnel of all levels; knowledge of general office procedures; reliability and dependability.

Editorial Clerk (Typing), GS-1087-4, PD No. 7834025N, Code 3444 - This position is located in the Integrated Logistics Support Branch, Fleet Engineering Division, Engineering Department. The incumbent edits manuscripts for ILS and maintainability program plans and other documents. Verifies certain data in documents edited; e.g., checks parts numbers and corresponding nomenclature. Types documents in a variety of formats. Performs other clerical functions in support of branch operations such as filing, maintaining time cards, answering telephone, greeting visitors, etc. Job Relevant Criteria: Incumbent must have ability to type using Mag and controlled typewriters; knowledge of engineering terminology and formats; knowledge of logical documentation references, styles, and formats; ability to reorganize written material for improved clarity or consistency; knowledge of punctuation, spelling, grammar; ability to perform a variety of secretarial functions in support of branch personnel. No known promotional potential.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 204, Ph. 2925.

Budget Analyst, GS-545-6/7, PD No. 7408008N or 7708053N, Code 0831 - Position: GS-9, 2 vacancies. This position is with the Reports and Analysis Branch, Budget Division of the Office of Finance and Management. The incumbent will train to prepare and present complex financial reports such as management reports, overhead

reports, NIF Report and Financial Management Reports Job Relevant Criteria: Ability to gather and analyze financial data; ability to communicate effectively, both orally and in writing; ability to work rapidly and accurately with names, numbers, codes and symbols; ability to meet deadlines under pressure.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 204, Ph. 2474.

Secretary, GS-318-4/5, PD No. 7400014N, Code 003 - This position is that of secretary to the Public Information Officer. Incumbent performs such duties as maintaining all files; typing official correspondence, memoranda, etc.; opening mail, screening phone calls; greeting and assisting visitors; maintaining supervisor's calendar; maintaining control records on incoming correspondence and documents requiring action; handling inquiries from news media on general issues; editing and typing speeches, congressional and business correspondence. Job Relevant Criteria: Ability to type accurately and efficiently; opening mail, screening phone calls; greeting and assisting visitors; maintaining supervisor's calendar; maintaining control records on incoming correspondence and documents requiring action; handling inquiries from news media on general issues; editing and typing speeches, congressional and business correspondence.

Job Relevant Criteria: Ability to type accurately and efficiently; opening mail, screening phone calls; greeting and assisting visitors; maintaining supervisor's calendar; maintaining control records on incoming correspondence and documents requiring action; handling inquiries from news media on general issues; editing and typing speeches, congressional and business correspondence.

Electronic Technician, GS-856-7/8/9, PD No. 7839129E, Code 3956 - This position is located in the Monopulse Design and Evaluation Branch, RF Division, Weapons Department. The incumbent provides electronic technician support for microwave systems/computer design, fabrication, measurement, test, and evaluation tasks. He/she tests missile guidance systems and assists in the operation, maintenance, and improvement of a microwave test facility. Job Relevant Criteria: Familiarity with electronic fundamentals and basic microwave concepts/principles; ability to perform progressively more responsible work in electronic systems assembly, operation, test and maintenance with emphasis on basic microwave measurements and techniques; experience with test equipment and test consoles; digital experience is desirable.

File applications for the above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 2577.

Electronic Engineer, GS-855-9/11/12, PD Nos. 7834208E, 7834207E, 7834213E, Code 3422 - This position is located in the Systems Electronics Branch, Engineering Design Division, Engineering Department. The incumbent of this position prepares engineering designs and required redesigns involving electrical or electronic devices to assure mass producibility of parts for items under his cognizance. This responsibility involves analyzing guided missile circuitry, and internal part of the missile guidance and control units, for the purpose of applying design or redesign aimed at facilitating mass producibility and maintaining or increasing functional ability. These projects involve the latest developments available in circuit design and components. Upon completion of the design phase, breadboards of the design are made for the purpose of proving feasibility. Verifies the technical accuracy and adequacy of any project documentation he/she uses or is assigned to review. This documentation includes drawings, specifications, and test procedures. Will also review the technical content of ECPs, NORs, waivers and deviations prepared by contractors and may be called on to generate some of these personally. Job Relevant Criteria: Knowledge of electronic circuit design, analysis, testing and production engineering; skill in the evaluation of electronic circuits; knowledge of the interface of electronic systems with hydraulic or mechanical systems found in air or surface launched missiles; ability to present ideas in oral and written form clearly, concisely, and effectively; ability to obtain cooperation from personnel of all levels both within and outside government.

File applications for the above with Leah Reusche, Bldg. 34, Rm. 204, Ph. 2722. Clerk-Typist, GS-322-3/4, PD No. 7842041SN, Code 2403 - This position is that of clerk-typist located in the head of staff office, Safety and Security Department. The incumbent types official correspondence, memoranda, financial status reports, personnel reports, statistical reports and other documents. He/she acts as receptionist for the office and collects and prepares information for the



DIVINE SERVICES

PROTESTANT Sunday Worship Service 1015 Sunday School - All Ages 0900 Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant. Communion Service first Sunday of the Month.

ECUMENICAL Wednesday Noon Bible Study 1130 Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC MASS Saturday 1700 Holydays Sunday obligation 0830-1130 Sunday Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS Daily 1115 to 1130 Saturday 1615 to 1645 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES Sunday First thru 6th grades 1015 Sunday Pre-school & kindergarten 1115 Sunday seventh & eighth (Junior High) 1900 Above classes are held in the Chapel Annexes across from the former Center Restaurant. Sunday evening Ninth thru 12th grades As announced "In Home" Discussion Groups Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES EASTWING-ALL FAITH CHAPEL Sabbath Services every Friday 1930

UNITARIANS CHAPEL ANNEX 95 Services-(Sept.-May) 1930

Recreation Roundup at NWC...

(Continued from Page 6)

The registration fee is \$14 for 12 lessons that will be conducted two days per week over a six-week period. There also will be a class on Wednesdays, starting Jan. 3, from 5 to 6 p.m. for which the charge is \$7 per person.

Prospective students can sign up for the tennis classes and pay the required registration fees at the Gymnasium office.

Youth Basketball

Young people from 7 1/2 years of age through high school who are interested in participating in the youth basketball program sponsored by the Special Services Division have until tonight at 7 to register at the youth gym.

In order to be eligible to participate, youngsters must have or obtain a Youth Center membership (\$6 per year), and pay an additional registration fee of \$8.50 for the basketball program.

Coming up tomorrow at the youth gym is a free throw shooting contest sponsored jointly by the Special Services Division and the Ridgecrest Elks Lodge.

The contest is open to youngsters 8 through 13 years of age. They will be placed in one of three age groups, which will compete beginning at the following times on Saturday: 9 a.m. for 8 and 9 yr. olds; 11 a.m. for 10 and 11 yr. olds; and 1 p.m. for those 12 and 13 yrs. of age.

Turkey Shoot Planned

A turkey shoot, sponsored by the China Lake Skeet and Trap Club, will be held on Saturday, Dec. 23, starting at 9 a.m. at the range located on Sportsman's Rd. on the Naval Weapons Center.

This competition is open to all trap and skeet shooters in the Indian Wells Valley, and there will be prizes for the winners of each event. For those who need them, "special event" passes for admission to NWC can be obtained at the main gate.

Men's Shower Rm. Closed

The men's shower room at the Center gym will be closed for repairs from Monday, Dec. 18, through Friday, Dec. 22.

Kung fu lessons now being offered at Youth Center

Kung fu lessons for beginners or others more advanced who would like to improve upon their skills in this type of unarmed self-defense are now being held at the Youth Center gym.

The classes, taught by Jeff Cole, a resident of Ridgecrest who has a black belt in kung fu, begin on the first Tuesday and Thursday of the month. Each session is conducted from 8 to 8 p.m., and there is an enrollment fee of \$15 per month.

Cole, who is continuing his own training in kung fu at a studio in Riverside, has been teaching interested individuals and groups in the local area for the past three years.

Additional information can be obtained by calling Cole at 375-2326 or Carol Hape, director of the Youth Center / gym at NWC ext. 3097.

Intramural League...

(Continued from Page 6)

squad knocked off the winless T.P.Q. hoopsters, 47-25. Will Burgett of The Heat was high point man with 19 in his team's loss to the Turtles, who were led by Ron Naparela's 16 points.

Leading scorers for the Low Doze team were Lewis Heide and Timothy Mullin, with 10 points each.

Just two Division C games were played last week. Both resulted in wins by the Gas Bags, who slipped past the Visitors, 31-28, and stunned the Floor Burners, 40-17.

The Visitors built up an 18-12 halftime lead in their low scoring game with the Gas Bags, but succumbed to the Gas Bags' second half scoring surge. The victors were led by Scott O'Neill's 15 points. Kevin Such hit 13 for the Visitors.

O'Neill also was the high point man with 14 for the Gas Bags in their lopsided win over the Floorburners.

Special Event for Bowlers Registration is open at Hall Memorial Lanes for a turkey shoot that will be held tomorrow.

Two shifts are scheduled - one starting at 6 and the other at 8:30 p.m. Interested persons can obtain additional information by calling the bowling alley on NWC ext. 3471.

China Lake Soccer Club to play team from Edwards AFB

The China Lake Soccer Club's adult team will tangle with its counterparts from Edwards Air Force Base in a game that will be played on Sunday, starting at 1 p.m., at Davidove Field.

If present plans develop fully, there also will be a game at around 2:45 p.m. Sunday between teams of 14-year-old soccer players representing China Lake and Edwards.

Last Sunday afternoon in Lancaster, the adult team of the China Lake Soccer Club had to settle for a 2-2 tie in a game played against the Lancaster United Soccer Club.

The China Lakers scored the game's first goal, following an accurate long pass from Jeff Grossman which made it easy for Klaus Schadow to slip the ball past the Lancaster goalkeeper.

After the host team tied the score at 1-1, the local squad once again went ahead - this time on a goal tallied by Marv Goodman midway through the second half.

However, victory eluded the China Lakers in the final minutes of the game when Elias Ortiz scored for the Lancaster team, with an assist from David Allen, center forward for the host squad.

Earlier in the second half, Allen had knotted the count at 1-1 after controlling a long pass from midfielder Peter Parks and booting the ball into the net.

Young people 12 to 14 years of age who are interested in playing soccer are invited to attend weekly workouts held by the China Lake Soccer Club's adult team on Sunday afternoons at Davidove Field.

Promotional Opportunities

(Continued from Page 2)

Supervisor's Job. The incumbent also maintains files for the office. Job Relevant Criteria: Ability to type accurately and efficiently; knowledge of the rules of grammar, punctuation, and spelling; ability to work independently; knowledge of Navy correspondence policies and procedures; experience collecting and typing statistical material.

Guard, GS-085-3/4, PD No. 7384024/7584016N - This position is located in the Police Division of Safety and Security Department. Incumbent performs duties at a fixed post and a patrol (foot or vehicle). Must have veteran's preference. Duties include controlling entry and exit of personnel, i.e., protection of buildings areas, personnel; enforcement of regulations. The incumbent will work one of three watches - day, night or morning. Job Relevant Criteria: For GS-3 - Ability to express his/herself clearly in writing; ability to work independently; experience working in isolation. For GS-4 - includes above criteria plus knowledge of laws and regulations pertaining to guarding Federal property.

Clerk (Typing), GS-301-4, PD No. 7724013-N, Code 2431 - This position is located in the Internal Security Branch of the Safety and Security Department. The incumbent performs a variety of functions including interviewing new employees and contractor personnel to obtain information for security clearance; types a variety of forms and letters; takes fingerprints, manufactures passes and identification cards; and maintains files and records. Job Relevant Criteria: Must be able to deal tactfully and courteously with the public; typing ability; must be able to work under short deadlines.

Supervisory Personnel Security Specialist, GS-080-7, PD No. 7485002N, Code 2431 - This position is that of Supervisory Personnel Security Specialist located in the Internal Security Branch of the Safety and Security Department. The incumbent supervises and plans the work of the branch in carrying out the Center Security program for passes granting clearances to all Center employees and contractor personnel, and processing official travel clearances. He is responsible for training of all subordinates. Job Relevant Criteria: Ability to supervise employees effectively; knowledge of policies and procedures in the area of security administration; ability to communicate effectively orally and in writing; experience in the area of office administration and management.

Information Receptionist, GS-304-3/4, PD Nos. 7424017/7584015N, Code 2422 - This position is that of information receptionist located in the Visitors' Branch of the Safety and Security Department. The incumbent's duties consist primarily of greeting visitors and processing their passes, in addition to answering any

questions they might have concerning the Center and the area. The incumbent will also type a variety of documents ranging from passes to miscellaneous correspondence. He/she will issue permanent decals and temporary passes; determine status of procurements and preparing for maintaining the office files. Changes in work schedules may be required. Job Relevant Criteria: Observed ability to be tactful and courteous; ability to work under pressure; ability to type efficiently; experience in obtaining and providing information from and to others.

Fire Protection Inspector, GS-081-4/7, PD Nos. 7484001N-7424002N, Code 242 - This position is located in the Fire Division of the Security Department. Major duties include inspections of buildings, their contents, utilities, and surrounding areas and assignments involving life hazards, fire hazards and fire prevention deficiencies; recommends and follows up on corrective actions for fire hazards; presents fire prevention training to other Fire Division personnel; and tests, services and installs fire equipment. Job Relevant Criteria: Knowledge of principles of fire prevention inspection; knowledge of operations performed in assigned area; general knowledge of physical layout of NWC, including the air field. Two vacancies.

File applications for the above with Charlotte Sietkowski, Bldg. 34, Rm. 208, Ph. 3118.

Supply Clerk, GS-305-4/5, PD No. 7825007-1N, Code 25751 - This position is located in the Receipt Matching Section, Receipt Control Branch, Control Division, Supply Department. Incumbent matches order documents and material; follows up on orders where the delivery department has failed to deliver; maintains inventory and advises customers; expedites delivery of material in accordance with purchase regulations. Job Relevant Criteria: Knowledge of purchase documents and practices; knowledge of voucher examining methods and regulations; knowledge of Supply Department (NWC) functions and procedures; ability to expedite and follow-up on material received; previous applicants need not reapply.

Mail and File Clerk, GS-305-3/4, PD No. 7825031N, Code 2513 - This position is located in the Planning and Administrative Division, Administrative Branch in the Supply Department. Incumbent's duties are to receive, review and distribute all correspondence and/or information (classified and unclassified) routed to or from the Supply Department; maintains library and central files; provides duplicating services; controls records disposal program, provides mail delivery service, maintains and controls voluminous distribution lists for all types of Supply publications, catalogs and manuals for the Supply Department and all departments on-center. Maintains Delegation of Authority files for the department. Job Relevant Criteria: Knowledge of Navy filing procedures; ability to comprehend a variety of documents to be identified categorized and distributed; ability to



WHERE TO? - Joe Dilleshaw, who drives one of the five NWC taxis now in operation, stands ready to answer a call for service. NWC civilian and military personnel who need transportation around the main areas of the Center and into the City of Ridgecrest in order to perform their duties may dial NWC ext. 2280 to summon the Public Works taxi service. Response time for this free service will be no more than 10 minutes; taxi drivers will wait no more than 5 minutes to pick up passengers. - Photo by Ron Allen

Responsible drinking can cut auto accidents

It's a fact that approximately one-half of the fatalities on the roads and highways involve the use of alcohol.

It's a fact that many people do drink and then drive safely. How do they do it? What is the answer? How can we reduce the number of vehicle accidents and injuries? The answer is "Responsible Drinking."

Responsible drinking is knowing your limits and staying within them. It is understanding that alcohol is a depressant and that it dulls the senses and reactions. Don't drink along with the other persons and match drink for drink. This may be more than you can safely drink. For a 160 lb. man, three cocktails, each containing one-ounce of 86 proof whiskey within two hours of eating a meal could add up to responsible drinking. The same amount for a 110 lb. woman could cause a problem. Your body weight is one clue to determine about how much you can drink and be responsible.

A 12 oz. can of beer, one oz. of 100 proof liquor or a 6 oz. glass of wine are equal in their effect on the body. Some drinks, such as Manhattans or Martinis, are more potent than others because of the added vermouth. (The basic liquor has another alcoholic beverage mixed with it.)

What can you do to help yourself and others? Be a good example. Never be afraid to say to an offer of another drink, "No thanks, I'm driving" or "How about a coke or coffee this time. I'm going to be driving soon."

Be an individual. Be a pace setter. You can be. It's a fact.

meet and deal effectively with others.

Clerk, GS-301-3, PD No. 7825006N, Code 25751 - This position is located in the Document Control Section, Receipt Control Branch, Control Division, Supply Department. Duties include screening incoming documents and files, preparing files for the Audit/Processing Section, matching receipts and invoices, preparing complete files for Voucher Examiners, etc. Job Relevant Criteria: Ability to understand and retain numerous instructions as to processing different documents; ability to receive, maintain and prepare documents to be identified, categorized and distributed; knowledge of Supply functions and procedures. Promotion potential: GS-4.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2371.

Assistant Golf Course Superintendent, UA-1601-07, \$13,814 PA, permanent full time, to be filled Jan. 15, 1979. This is not a Civil Service position. This position is located at the China Lake golf course, Recreation Branch, Special Services Division. The primary purpose of this position is to assist the golf course superintendent in providing a comprehensive maintenance program. This includes improving and maintaining turf and playing conditions of the course, driving range, chipping and putting greens. Also included is operating, maintaining and prolonging the life of golf course equipment. Desirable Qualifications: Incumbent should have the equivalent of an undergraduate degree in agronomy or parks and grounds maintenance, plus one year of specialized experience, or experience through which he has acquired skills, abilities and knowledge in developing improvement and maintenance plans; budget preparation; supervising employees; golf course construction and irrigation systems; proper agronomic practices to improve and maintain turf; setting up equipment maintenance plans; and knowledge of golfers' needs and interests.

Supervisory Recreation Assistant, UA-6189-3/4 \$10,567-\$11,712 PA, Permanent Full Time - To be filled Jan. 15, 1979. This position is located in the Hobby Complex, Recreation Branch, Special Services Division. The branch provides recreational services, activities and facilities for military personnel, civilian personnel residing on Center and their dependents. Supervises Auto Hobby Shop, Wood and Electronic Shops, Ceramic Shop, Hobby Craft, Resale and Recreation Gear Issue. Responsible for training employees; planning, organizing and initiating procedures and plans; preparing budgets; inventory; planning and initiating various classes. Desirable Qualifications: Incumbent should have a high school diploma, education in the management field; a thorough knowledge of hobby shop operations and proven ability to deal with the public. Experience may be substituted for education.

File applications for the above with Cheryl Hartley, Bldg. 21, Ph. 3387.

## Burroughs varsity hoopsters defeat North High 67-55

The Burroughs High School varsity basketball team, winners of five of their first six games played this season, got back on the winning track Tuesday night on their home court by dimming the North (Bakersfield) High Stars 67-55.

The only loss suffered so far by the Burros occurred last Saturday night in the championship game of the San Luis Obispo tournament. The local varsity cagers were nipped, 63-62, by East Bakersfield — the same team which the BHS quintet defeated 67-62 in the first game of the season.

In contrast to some of their earlier games, the Burros got off to a slow start against the visitors from North High and only showed glimpses of the kind of momentum that has been a factor in their previous winning efforts.

After building up a 12-6 lead in the first 6 min. of play, the BHS cagers were out-scored 7-2 and began the second quarter ahead by just 1 point (14-13).

### Burros Get in Foul Trouble

By halftime, three of the five starting players for Burroughs were in foul trouble with 3 each, but the locals had increased their lead to 36-31. Jim Crider came off the bench in the second quarter to score 8 of his 15 points in the game and played a vital role in keeping the Burros on top.

The North High Stars were as cold as their name implies in the third quarter. The visitors, who tallied just 8 points and fell behind 50-39 going into the fourth period, staged a brief rally in the final 8 min. of the game only to have the Burros assume command once again and draw away to win by a final margin of 67-55.

The game's high point man was Jim McDonald of North High with 17. Other leading scorers for the Stars were Joe Vaughan (13) and Monty Craft (12).

In addition to Crider, who hit 15, other BHS varsity cagers who ended the game in the double figure scoring column were Rob Tomaras (12) and Ritchie Drake (10). The Burros had the best of it, 29-19, in field goals, but were outscored 17-9 by North High at the free throw line.

During the tournament at San Luis Obispo

## Blue team places 1st in Admiral's Cup marksmanship event

The NWC Blue team (composed of personnel from the Aircraft Support Division — Code 612) won last week's Admiral's Cup marksmanship competition which was held at the Sierra Gun Club's skeet, trap and pistol range.

First place in each event was worth 100 points, plus another 5 for entering the competition.

The NWC Blue team won both the skeet shoot and the trap shoot, and came in third in pistol marksmanship to roll up an overall score of 255, compared to 244 for the NWC Gold team and 222 for VX-5.

In the .45 calibre pistol competition (won by the NWC Gold team with VX-5 second and NWC Blue third), Taswell Crowson, who had a score of 209 out of a possible 300, led the pack, followed by Chuck Fulks (205) and Conrad C. Juneau (200).

The NWC Blue team, winner of the skeet shoot, was followed by VX-5 in second and NWC Gold in third place, and, in the trap shoot, also won by the NWC Blue team marksmen, the NWC Gold team placed second and VX-5 was third.

John Calhoun, of the NWC Blue team, was the pace setter in both the skeet and trap shooting competition. He hit 24 out of 25 clay pigeons in the skeet shoot, and 23 out of 25 in the trap shooting event.

Other members of the winning NWC Blue team were Kelly Hayes, Rico Ward, Jeremias Nuqui, Quentin Jefferson, Rickey Thompson, Steve Bajoros, John McElwain, Irving Glenn, Bill Hornbaker and Richard Hansing.

Current standings in the Admiral's Cup competition are NWC Blue, 24 points; VX-5, 16, and NWC Gold, 14.



**BALL HAWK** — Rob Tomaras (No. 34), a forward for the Burroughs High varsity basketball team, outmaneuvers Don Allsman of North High during Tuesday night's game at the BHS gym. Other Burros cagers looking for a chance to assist are Mike Wirtz (No. 24) and Steve Motte (No. 44). The Burros defeated the North High Stars 67-55. — Photo by Ron Allen

on Dec. 7, 8 and 9, the Burros defeated Franklin High School of Stockton, Calif., 68-65; and San Luis Obispo High, 54-42, before losing the tourney title tilt, 63-62, to East Bakersfield.

As a result of their all around good play in the SLO tourney, Motte, center for BHS, and Tomaras, a forward, were selected on the all-tournament team.

Motte tallied 18 points and grabbed 18 rebounds in the Burros vs. Franklin game. He added further to his tournament point

## Many close games mark past week's play in China Lake Intramural Basketball loop

A number of hotly contested games marked last week's action in the China Lake Intramural Basketball League.

The Pride, an all-military team, had to go all out in order to post a 67-65 win over the Homestead Hombres last Thursday night. This was the fifth straight victory for the Division A leaders, who were led by Ron Johnson, with 21 points, and Connie Reeder and Kevin Curry, who tossed in 10 each.

Top scorers for the Homestead Hombres, who were down by just a single basket (34-32) at the half, were Bob Parson (16) and Tim Higgins (12).

Another close Division A contest ended in a 57-55 win by Desert Motors over the Time Out quintet. High point honors went to Tim Cornelius, who tallied 23 in a losing cause for the Time Out team, which held a 29-25 halftime lead.

Desert Motors had a better balanced scoring effort—getting 14 points by Victor Jensen and 12 each by Greg Watson and Mick Rindt.

In the only other Division A game played last week, the Homestead Hombres defeated the winless Lowen's Chukars 68-61 in an overtime game.

At the end of regulation play, the score in this game was tied at 53-53, but the Hombres

## Youth Soccer League award ceremony slated

An award presentation ceremony, starting at 2 p.m. tomorrow at the Community Center, will climax the Youth Center Soccer League's fall season of competition.

A film of the 1976 European championship soccer match will be shown and plans will be discussed for the spring season of soccer competition for youth of the community, as well as by the China Lake Soccer Club.

Final Youth Center Soccer League games scheduled tomorrow at Davidove Field are Whitecaps vs. Kicks, 8:30 a.m.; Lancers vs. Strikers, 10 a.m.; Express vs. Earthquakes, 11 a.m.; and Rowdies vs. Sockers, 12 noon.

total with 12 against San Luis Obispo High and 14 in the East High game.

Tomaras played his best game of the tournament against the team from San Luis Obispo—chalking up 18 points, 10 of which came in the key third quarter of play.

Following Christmas, the BHS varsity hoopsters will compete in a tournament Dec. 26-29 at San Bernardino. This will be their final action before the start of the Golden League season at Quartz Hill on Jan. 2.

The schedule will be: Monday, Wednesday and Friday, adult use and lap swimming, 10 a.m. to 1 p.m., and open swimming, 1 to 8 p.m.; Tuesday and Thursday, adult use and lap swimming, 10 a.m. to 1 p.m., and open swimming 1 to 3 p.m.; Saturdays and Sundays, adult use and lap swimming, 12 noon to 1 p.m., and open swimming 1 to 6:30 p.m. Exceptions to this are Christmas and New Year's Day when the indoor pool will be closed.

Another series of tennis classes, taught by Fred Hagist, will get underway on Tuesday, Jan. 2, and be held on Tuesdays and Thursdays from 10 to 11 a.m. and 5 to 6 p.m.

(Continued on Page 7)

**Tennis Classes Slated**  
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(Continued on Page 7)

**Elks Lodge extends lead in Premier League to 4 games**  
Following a face-off Monday night between the top two teams in the Premier Bowling League, the Elks Lodge kegglers extended their lead to four games over the rest of the pack by winning two out of three games from Ace Realty.

This turn of events left Fisher Plastering and Ace Realty tied for second with 24-18 records, while the Elks have won 28 and lost 14.

High team game for the night (1,061) was posted by Fisher Plastering, while the Western Columbia kegglers rolled the high team series of 2,885.

Glen Collins registered the high individual series for the night—a total of 666. Others over the 600 series mark were Jim Bradberry (645), Duane Blue (617), Chuck Cutsinger and Ken Dalpiaz (611), and Brad Royer (602). The 611 turned in by Dalpiaz was a triple-200 series with individual game scores of 207, 201, and 203.

Premier League bowlers who topped the 220 single game plateau, and their scores, were Collins (257 and 233), Cutsinger (246), Bradberry (239), George Wilmot (235), Pat Nalley (232), Brad Royer (224) and Bob Young (223).

(Continued on Page 7)

China Lake Intramural Basketball League (Standings as of Dec. 8)

Team	Won	Lost
<b>Division A</b>		
The Pride	5	0
Desert Motors	3	2
Time Out	2	3
Homestead Hombres	2	3
Loewen's Chukars	0	4
<b>Division B</b>		
Loewen's B	3	0
Turtles	2	0
The Heat	1	1
Night Stalkers	1	1
Low Doze	1	1
Dispensary	0	2
T.P.Q.	0	3
<b>Division C</b>		
Gas Bags	3	0
Visitors	1	1
Floorburners	0	3



## Recreation Roundup

### New policy set on reserving use of racketball courts

A new policy on making reservations for use of the racketball courts at the NWC gym will go into effect on Monday.

Telephone calls will be accepted at the gymnasium office Monday through Friday from active duty military personnel only for next day reservations starting at 7:30 a.m. at court No. 3.

The earliest that any reservations will be taken for the use of racketball courts Nos. 1 and 2 from either military or civilian patrons is 10 a.m. on weekdays and 11 a.m. on weekends.

Preference will be given to military personnel for the use of court No. 3 on weekends if they call between 11 a.m. and 12 noon.

The gymnasium office telephone numbers to call to make reservations for use of the handball court are NWC ext. 2334 or 2571.

**Swim Pool Open Longer**  
During the two-week Christmas vacation for school children (Dec. 18 through 29), the indoor swimming pool at the Center gymnasium will be open a bit longer than its regular hours of operation at this time of the year.

The schedule will be: Monday, Wednesday and Friday, adult use and lap swimming, 10 a.m. to 1 p.m., and open swimming, 1 to 8 p.m.; Tuesday and Thursday, adult use and lap swimming, 10 a.m. to 1 p.m., and open swimming 1 to 3 p.m.; Saturdays and Sundays, adult use and lap swimming, 12 noon to 1 p.m., and open swimming 1 to 6:30 p.m. Exceptions to this are Christmas and New Year's Day when the indoor pool will be closed.

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The Heat	1	1
Night Stalkers	1	1
Low Doze	1	1
Dispensary	0	2
T.P.Q.	0	3
<b>Division C</b>		
Gas Bags	3	0
Visitors	1	1
Floorburners	0	3

## 2 employees receive NSAP awards . . .

(Continued from Page 1)  
This meant sending for a technical expert to provide advice on the problem, or quick development of a special piece of hardware which could be sent to the Fleet and tested at sea.

Russell was involved in work related to anti-submarine warfare, anti-air warfare and surface warfare weapons and projects. He assisted, for example, in lining up the first open ocean firing of the Harpoon missile.

It was noted in the letter of commendation from Pifer which accompanied the NSAP award to Russell that he followed up on his predecessor's achievements in redirecting the thrust of NSAP and "developed the most productive Fleet support organization in the program. Through your (Russell's) professional leadership and guidance, each member of the Seventh Fleet Team had the mission and freedom to assist any and all Fleet components and the NSAP projects increased from 5 in 1977 to 13 in 1978 — excelling any other command."

Replaced by NWC Employee  
At the time of his departure from this assignment, Russell's duties as Science Advisor to the Seventh Fleet were turned over to another China Laker — David Livingston, the former associate head of the NWC Weapons Department.

As Science Advisor to the Seventh Fleet, Russell had two laboratory representatives on his staff. One of them, Dr. Guenter Winkler (also a Naval Weapons Center employee) specialized in the anti-air and electronic warfare areas and is still serving as a NSAP laboratory representative to the Seventh Fleet.

The other member of the Seventh Fleet Team was Ronald W. Tompkins, an expert in anti-submarine warfare, who is employed by the David Taylor Naval Ship Research and Development Center in Bethesda, Md. The latter was another of the seven Navy laboratory employees to be

## Hispanic Employment Program Committee seeks new members

Another six members are now being sought to serve on the Naval Weapons Center's Hispanic Employment Program Committee, which is a part of the NWC Equal Employment Opportunity program.

Centerites interested in serving in a collateral duty capacity on this committee, or who would like first to learn more about what is involved, should contact Joe Lopez in the EEO office by calling NWC ext. 2348 or 2738.

According to Lopez, the Hispanic Employment Program Committee is looking for volunteers who enjoy a challenge, who have ideas, and who are dedicated to the principles of equality, justice, and fair play.

honored during the annual NSAP meeting at Monterey. He was chosen as the "Outstanding NSAP Representative of the Year."

Amundson was the first NWC employee to be assigned as an NSAP representative to the Marine Corps Development and Education Command (MCDEC), headquartered at Quantico, Va.

His efforts there, Amundson said, were directed principally at small problems that could be alleviated or remedied by exploratory development work. Among other



**WELL DONE** — His work as the NSAP representative at the Marine Corps Development and Education Command was recognized by the presentation of a Meritorious Civilian Service Award to Paul H. Amundson.

things, he developed an electronic signature simulator for use at the Marine Corps Base at Twentynine Palms, Calif., and put together a night light system for an artillery battery collimator which helps to insure that all of the guns in the artillery battery are zeroed in on the same spot.

Amundson was recommended for the Meritorious Civilian Service Award by Col. R. B. Ingrando, Director of MCDEC, who wrote, in part, as follows:

"Amundson maintained an effective dialogue between the Naval scientific community and operational Marine Corps force, personally seeking to ensure the highest degree of compatibility in promoting new and improved programs.

"With the Office of Naval Research he established a research program which aided the Marine Corps in the fulfillment of long range objectives. Readily perceiving the need for an NSAP position on the West Coast, he (Amundson) materially assisted in its establishment, took the position himself, and then developed it at considerable self-sacrifice."

Col. Ingrando wrote regarding Amundson's work as the NSAP representative to his command.

## AD3 Boostrom singled out as VX-5 Sailor of Month

Aviation Machinists Mate Third Class David Boostrom was selected as Sailor of the Month for November by Air Test and Evaluation Squadron Five.

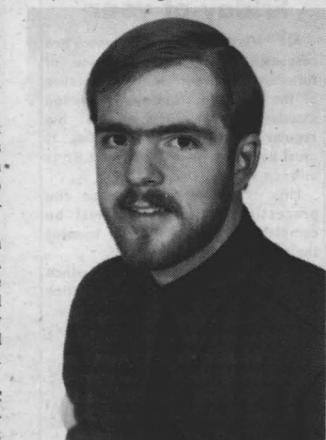
The letter of commendation to AD3 Boostrom, signed by Capt. L. E. Giuliani, VX-5 Commanding Officer, noted that "you have continuously demonstrated superior professionalism in all aspects of your assignments."

The letter continues, "As a mechanic, you have applied yourself with conscientious and dedicated determination. You maintain the Power Plants Technical Publications to a degree of perfection not previously experienced by the work center."

It notes as well that AD3 Boostrom completed his formal training for C-1A aircrewman by finishing runner-up to the class honorman. "Your attitude toward both the Squadron and the Navy is very commendable. My congratulations and 'WELL DONE!', the letter from Capt. Giuliani concludes.

AD3 Boostrom has been stationed at NWC since September 1977 when he was transferred here from Attack Squadron 128 at the Whidbey Island Naval Air Station, Oak

Harbor, Wash. He was not unfamiliar with the Center because his father, also a Navy man, had been stationed here from 1950 to 1952, and had brought the family back for



AD3 David Boostrom

visits since then.

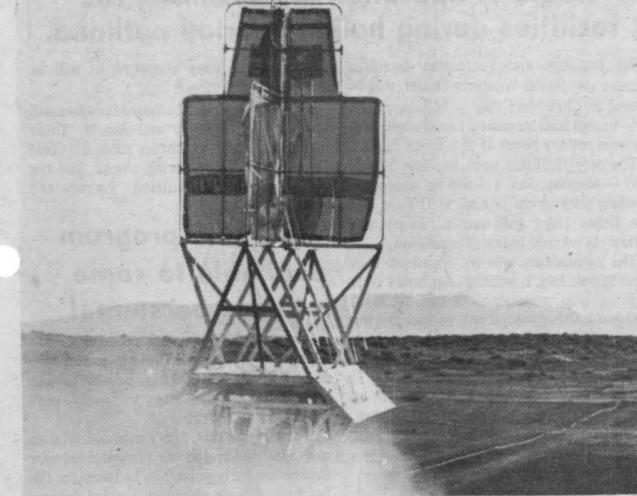
The VX-5 Sailor of the Month was born in San Carlos, Calif., and was graduated from Carlmont High School in that city. He attended junior college in the San Francisco Bay area for two years majoring in music before joining the Navy.

AD3 Boostrom says that his major hobby is music — specifically, playing the trumpet. While he plays a lot of modern music, he adds, "I haven't sold my soul to rock and roll. Besides, when you're mediocre, you have to play everything."

The range of music he is capable of performing is indicated by his participation in the Cerro Coso Community College band since he has been at China Lake and also in programs at the All Faith Chapel. "Music is fun," he notes.

As a result of his selection as VX-5 Sailor of the Month, AD3 Boostrom will enjoy one month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar.

He will also receive a plaque, and his photo will be displayed along with those of other squadron Sailors of the Month.



**OFF, OFF, AND AWAY!** — The wire guided mobile land target trundles down a test course laid out at the G-1 range, developing speeds up to 25 miles an hour. Although the target top looks more like the sail on a galleon from this angle, it actually resembles a tank sufficiently at the distances used for antitank warfare practice so that it presents an adequately realistic target for Marine Corps gunners. — Photo by Ron Allen

## Sail added to mobile land target . . .

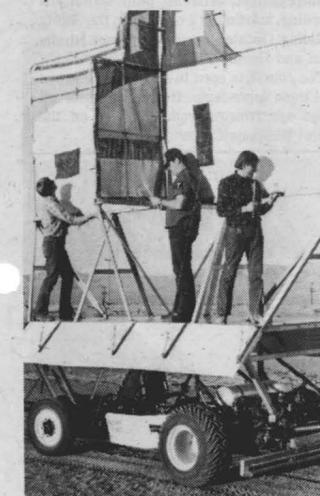
(Continued from Page 1)

target produces realistic effects for the gunners because of the variable speeds and varied course patterns possible.

A course was built at the Marine Corps base at Twentynine Palms, Calif., for the acceptance tests conducted in mid-December. While the acceptance course was only 1.5 mi. long, a course of 5 miles in length is quite practical. Approximately 10 miles of the 7-strand wire has been acquired for such a course.

The pattern for the acceptance tests was that of a modified figure eight course, which was traversed in 4 min., and had 16 speed changes.

The MLT was trucked to the Marine Corps Base for the acceptance tests. It was



**TIGHTENING UP** — Checking the guy wires on the target sail are (l. to r.) John Ayers, FTM3 Mike Skinner and Gene Brinkmeier. There is room for a driver to sit under the protective platform so that the vehicle can be driven to and from the closed course.

partially disassembled before being trucked — both so it could readily traverse the underpasses on the highways and so its unusual appearance wouldn't be a traffic-stopper.

The original "dune buggy" concept for MLTs was pioneered at NWC in 1973 for the War-at-Sea program. The dune buggy MLTs developed as a second generation of the concept, starting in 1976, were built to replace the aging World War II QM-56 drone tanks used at major Navy training ranges as moving land targets for weapon testing and for Fleet pilot training.



COMPARING NOTES — Capt. F. H. M. Kinley, the NWC Vice Commander, Officer Bruce Pelletier of the California Highway Patrol, and Cdr. Marv Cowell, Staff Judge Advocate, are cheered by the large number of Center employees and their dependents who showed an interest in traffic safety. The three men were the main speakers for the Center's annual traffic safety program, held at the Center theater last week. — Photo by Ron Allen

## Good advice to motorists offered by traffic safety program speakers

Concern over the safety of all Naval Weapons Center personnel and their dependents during the holiday season was expressed by Capt. F. H. M. Kinley, NWC Vice Commander, who was the introductory speaker at last week's annual traffic safety program held in the Center theater.

Capt. Kinley reminded the near-capacity audience of the basics of safe driving — checking the vehicle's tires, lights, brakes, and mechanical condition.

"Don't overdrive the limit of your vehicle," he warned, "and don't overdrive your limit either."

Capt. Kinley noted that traffic safety was a real challenge, that not only was it necessary to drive at safe speeds but that it was just as important to watch out for others.

He also quoted figures from the Eleventh Naval District headquarters with regard to motorcycle accidents, stating that 50 percent of the Navy personnel killed in motorcycle accidents last year, and 40 percent of those injured in motorcycle accidents, were from the 11th ND.

"If you are going to ride a motorcycle," he warned, "be especially careful because you are in the most dangerous region of the country with regard to 'cycling accidents.'"

The featured film for the program was entitled "The Human Collision," a motion picture dealing with the importance of use of seat belts at all times.

This film, made for the Canadian Ministry of Transport, showed in slow motion how a body becomes a missile when an automobile crashes, to the extent that a crash at speeds as low as 12 miles per hour can produce fatal injuries.

According to the film, a vehicle is protective packaging for passengers, absorbing much of the force of the collision impact. If the driver and passengers are not restrained by seat belts, either lap or shoulder harness, the human collision occurs fractions of a second after the automobile collision, and this second collision is the one that results in the worst injuries.

### Car Body Protects Passengers

In most, even severe, accidents, the passenger compartment of the car remains largely intact, serving as a protective packaging for the humans within it if they are adequately secured to the seats so that their heads and bodies will not collide with the windshield or frame of car.

Since less than one half a percent of all automobile accidents involve either fire or water, a common concern that some individuals express about being trapped in a burning or sinking car if belted in is not appropriate, according to the film.

Officer Bruce Pelletier of the California Highway Patrol reminded everyone attending the program that more Americans

have been killed in traffic accidents than in all the wars that the nation has ever had.

He said that the Highway Patrol did not say that adults shouldn't drink, but added that if a driver is stopped for driving under the influence of alcohol, he should not expect any mercy to be shown.

He suggested that anyone attending a holiday party who intends to drink should bring along a non-drinker to do the driving home.

While drinking drivers are the heaviest contributors to the high California automobile fatality rate, Officer Pelletier said that in the Mojave area the majority of accidents involve drivers who can't seem to stay on their side of the road. This, he said, is due to their attention being distracted and their eyes being drawn away from the highway even momentarily.

### Don't Cross Solid Line

Another major cause of accidents, according to CHP Officer Pelletier, is a driver crossing a solid line to get around a slower moving vehicle. He stated that he gives an average of 19 tickets a day for that offense.

"Be considerate to other drivers is the name of the game," he said. "Be a defensive driver, don't be dead right," he added.

Cdr. Marv Cowell, Staff Judge Advocate for the Center, discussed how the NWC Traffic Court functioned, and reminded drivers that their driving records are forwarded to any other base to which they may transfer. This, he noted, applies to both military and civilian personnel.

"Drive with care," Cdr. Cowell added, "and don't become a statistic."

## Timecards due early on last Friday of year

All NWC personnel who are responsible for the submission of timecards are reminded that because of the New Year's Day holiday on Monday, Jan. 1, timecards for the regular work week ending on Dec. 30 must be turned in no later than 11:15 a.m. on Friday, Dec. 29.

This is necessary because the processing of timecards must be completed on Dec. 29 in order to meet the regular payday on Jan. 5.

No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Dec. 29 deadline may result in a delay in pay for employees.

Any overtime worked on Friday night, Dec. 29, or Saturday, Dec. 30, should be submitted on a supplemental timecard for payment covering the subsequent pay period.

## Hours of operation for business, rec facilities during holiday period outlined

All business and recreation facilities aboard the Naval Weapons Center will be closed on Christmas Day — Monday, Dec. 25 — except Hall Memorial Lanes which will be open holiday hours of 11 a.m. to 11 p.m.

The only facilities open on New Year's Day — Monday, Jan. 1 — will be, again, the bowling alley, from 11 a.m. to 11 p.m. and the China Lake golf course, which will follow its normal hours of operation.

The gymnasium will be closed on both Dec. 25 and Jan. 1, with holiday hours of 11 a.m. to 7 p.m. maintained on Dec. 24, 26, 31 and Jan. 2. Otherwise, it will be open during its normal hours of operation.

The Commissary Store will be closed on Monday, Dec. 25, and Monday, Jan. 1.

The Navy Exchange will be open on Saturday, Dec. 16 and 23, from 8:30 a.m. until 4 in the afternoon, also on Sunday, Dec. 17 and 24 from 10 a.m. until 4 p.m. to accommodate holiday shoppers. It will be closed on Dec. 25 and Jan. 1.

All Employee Service Board facilities will be closed on Dec. 25 and Jan. 1. These facilities include the barber shop, the Child Care Center, the catering trucks, and the China Lake Propulsion Laboratory cafeteria.

## 'Early out' program available to some military personnel

Many Navy people scheduled for separation during the Christmas and New Year's Holiday period may be able to take advantage of the Navy's "early out" program.

It works like this: Navy men and women may be separated or transferred for separation early enough to be home for the holidays if their obligated service expires between Dec. 18 and Jan. 1.

Early separation is authorized for volunteers only. Individuals whose Commanding Officers believe cannot be spared, and those scheduled for transfer to the Fleet Reserve or retirement during the holiday period are not eligible.

Similarly, reservists undergoing active duty for training, and active duty people whose obligated service will end during the Dec. 18 to Jan. 1 period as a result of any other early release program also are not authorized early release.

## Register now for motorcycle safety class set Saturday

For those who wish to attend the motorcycle safety class that will be held tomorrow, it's still not too late to register by calling the Safety Office (NWC ext. 2367).

The class, which is a combination of lectures and films, plus actual riding experience for both on-road and off-road motorcyclists, will be held tomorrow morning, starting at 8 o'clock, in the Safety Building (located on the corner of Nimitz Ave. and Hussey Rd.).

The course is open to all NWC personnel and their dependents. It is required for all those operating off-road vehicles on the Naval Weapons Center.



MEMENTO OF VISIT — Capt. F. H. M. Kinley, NWC Vice Commander, presents an NWC plaque to Rear Admiral A. M. Sinclair as a memento of the latter's recent visit to China Lake. While here, RAdm. Sinclair, who is Commander, Cruiser-Destroyer Group Five, was involved in discussions with employees in the Weapons Department whose work is related to surface weapons programs. In addition, he was taken on a tour of the Electronic Warfare Threat Environment Simulation Area and sea site by Gerald Schiefer, head of the Electronic Warfare Department, and was briefed on Air Test and Evaluation Squadron Five (VX-5) programs and projects. — Photo by Ron Allen

# FIRE

## Doesn't Make A Bright Holiday

The Yuletide season is now at hand. For the great majority of Americans, it will be a time of joy. For some, however, who fail to take the proper fire-safety precautions when selecting and using Christmas trees, decorations, gift wrappings and toy purchases it may become a time of tragedy.

If past years are any indication, a few will be killed, many will be injured and much property destroyed by holiday holocausts all of which are 100 percent preventable.

A number of fire-safety hints have been collected from the professionals (National Fire Protection Association) for everyone's use. Follow them completely, and help make this the safest Christmas holiday season on record.

First of all, buy a firm, fresh tree. Until it is ready for use, store the tree in a cool place with its base in water.

Before setting up the tree, cut off a portion of the base. This fresh cut helps the tree

sulation, broken plugs, and loose bulb sockets. Use only lighting sets that show UL or CSA labels.

Plug tree and decorative lighting sets into house circuits having 15 amp fuses. Use extension cords sparingly.

Turn off indoor lighting sets before going out or retiring.

For decorations, use noncombustible materials if possible, or those which are flame-retardant. Untreated flock, cotton and tissue papers ignite quite easily.

### Fire Hazards

Ordinary polystyrene foam or natural evergreens make fine displays but can be fire hazards. Keep them away from candles and open flames.

Select holiday masks, whiskers and other costuming carefully. Unless "flame-proofed" they can change tradition into tragedy.

Electric toys should have the UL or CSA label to show they meet safety standards. Gasoline, alcohol and kerosene operated toys are risky in children's hands. They can cause clothing and house fires. Avoid pyroxylin plastic toys and dolls. Give fire-safe gifts.

Pick up wrappings while opening gifts. Put them into covered trash containers. DO NOT burn them in the fireplace. They may flare up uncontrollably.

### Keep Matches Away From Kids

In addition to the above, be especially careful during the Christmas season to keep matches and cigarette lighters out of the reach of children, and try to keep the youngsters from beneath the tree.

Finally, NFPA emphasizes, it is especially important during this busy season that children never be left alone or without proper supervision — even for a short time. And have the whole family learn and rehearse an escape plan for use in case of fire or other emergency.

Remember, whether you do or do not have a fire depends entirely upon you and your attitude towards safety. Those who follow the simple precautions necessary to prevent fire will live to enjoy another Christmas.

absorb water more rapidly. Place the tree in a stand capable of supporting it. Keep water in the stand above the level of the cut.

Keep the tree away from heat (or air duct, radiator, TV set, fireplace etc.), and place it where it will not block exits.

Take the tree down as soon as possible after the holiday. Unless the tree has been treated correctly with UL-listed chemicals do not rely on the tree's fire-retardant qualities. Also, don't rely on do-it-yourself flameproofing treatments, as none are truly effective.

Absolutely never put lighted candles on a tree or near any evergreen decorations. This is extremely dangerous. Artificial trees should be clearly marked as made of low-burning materials. Look for the UL label on trees with built-in electric systems. With metal trees, use only indirect lighting to avoid the possibility of shock.

Check lighting sets closely for worn in-

## Casual visitors' pass office to be closed on Dec. 25

The casual visitors' pass office at the NWC main gate will be closed on Christmas day.

Because of this, "Special Events" visitor visor cards will be issued to visitors by guards on duty at both the main gate and the south gate to NWC between the hours of 7 a.m. and 7 p.m. on Dec. 25.

During this time, as well as from 7 p.m. on Dec. 25 to 7 a.m. on Dec. 26, the gate guards will record the driver's name, number of passengers, vehicle type and license number, as well as the address to be visited.

Visitors planning to remain on board the Center after Christmas day must return to the Visitor Center pass office at the main gate on Tuesday, Dec. 26, to obtain a regular pass.



CIVILIAN NURSE RETIRES — Mabel Stinnett's service as a civilian nurse for 33 years at China Lake was recognized during a retirement ceremony held last Friday at the local Branch Medical Clinic of the Naval Regional Medical Center (NRMC) in Long Beach. Ms. Stinnett, who has served at the Salt Wells first aid station, received a letter of appreciation from Rear Admiral William L. Harris, NWC Commander, as well as plaques from both the NRMC and NWC. The latter, along with the letter of appreciation from RAdm. Harris, was presented to Ms. Stinnett by Capt. F. H. M. Kinley, NWC Vice Commander. — Photo by Ron Allen

## Program of rabbit control on golf course continues

An examination of the greens and fairways at the China Lake golf course this week, and an evaluation of the persistent damage by rabbits, indicated that although so far effective, the control program should be continued.

Therefore, the controlled shooting of rabbits (to include cottontails) will take place this weekend.

A depredation permit for cottontails has been obtained from the California Department of Fish and Game.

Barring unfavorable weather, the China Lake Police Division will continue the program tonight through Sunday night from 7 to 11 o'clock.

Cooperation of all personnel by remaining out of the golf course area during the scheduled hours of the program this weekend is requested. Parents are especially urged to keep youngsters out of the area.

## Happenings around NWC

The Indian Wells Valley Metal Trades Council will hold its next regular monthly meeting on Thursday, Jan. 4, at 65-B Halsey Ave., China Lake, at 7:30 p.m.

The Council is the representative of a unit composed of the Center's non-supervisory, ungraded, civilian employees who are located at China Lake.

### Thrift Shop Closed

The Thrift Shop, operated by the Women's Auxiliary of the Commissioned Officers' Mess, will be closed for the last two weeks of the year, but it will be business as usual starting on Tuesday, Jan. 2.

Regular hours of operation at the Thrift Shop, which is located at 54 S. Lauritsen Rd., China Lake, are 7 to 9 p.m. on Tuesdays and 9 to 11 a.m. on Thursdays.

### Youth Center Holiday Hours

Special hours for the holiday season will be maintained by the Youth Center on Richmond Rd. starting on Monday.

The Youth Center will be open from 9 a.m. until 9 in the evening weekdays, and from 1 until 6 p.m. on Saturday. It will be closed on Dec. 25 and 31, and on Jan. 1.

Normal hours will be resumed on Tuesday, Jan. 2.

## CHAMPUS requires itemized receipts for prescription drugs

CHAMPUS beneficiaries now must attach itemized receipts to regular CHAMPUS claim forms — DD Form 1863-1 or 1863-2 — when they apply for reimbursement for buying prescription drugs from civilian sources. The Consolidated Prescription Drug Reimbursement Form 198 has been phased out.

Receipts must show the name of the drug, the name and address of the pharmacy where it was purchased and the prescription number.

Claims for narcotics, non-narcotic analgesics, tranquilizers, barbiturates, non-barbiturate hypnotics and stimulants must show the strength of the drug.

Beginning Jan. 1, 1979, the strength of all prescription drugs must also be shown on the CHAMPUS claim form.

Since the customary "blue" CHAMPUS claim form — DA Form 1863-1 — used for submitting claims for hospital care, was recently printed in large quantity on white paper, CHAMPUS officials recommend that beneficiaries and institutions be alert to the change and look for the form numbers to avoid confusion.



TOY COLLECTION DRIVE TO END TUES. — Demonstrating their support for the annual Toys for Tots drive are Donna Hunker (in center), president, and Loretta Barrett, vice-president of the CPO Wives Club. Members of the CPO Wives Club made the clothing for a good number of dolls which have been donated to the annual toy collection drive conducted by the Marine Corps Liaison Office (represented in the photo above by GySgt. Richard Baldwin) and the High Desert Detachment of the Marine Corps League. Collection boxes for used toys in good condition or new toys have been placed at the Community Center and at Fire Station No. 1 on the Naval Weapons Center. Contributions to the Toys for Tots drive also can be left in Ridgecrest at the American Legion Hall, Eagles Lodge, VFW Hall, K Mart, Hobo Joe's and the Daily Independent newspaper office. Collection points in Inyokern are the Inyokern Market and the Two Sisters Plus One restaurant. A master list of needy children is being compiled by Rose Varga to avoid duplication and to insure that the greatest number of youngsters who otherwise would not receive a toy for Christmas will be benefited.