#### Holiday season sales activity set at Navy Exchange

Holiday sales activity at the Navy Exchange main retail store in Bennington Plaza will feature a family week promotion from Dec. 15 through 19.

Fliers have been published listing various days during the week and hours during the day when giftware, home appliances or clothing will be offered for sale at a 10 percent reduction in price.

In addition, a Christmas tree sales lot operated by the Navy Exchange will open for business tomorrow in the All Faith Chapel parking lot - fronting on Blandy

Fresh Christmas trees ranging from 3 to 8 ft. in height will be on sale Saturday, Sunday and Monday between the hours of 10 a.m. and 3 p.m. In addition to the cut trees, there will be some living trees placed in pots that also will be for sale.

Another special NEX sales event is coming up on Friday and Saturday, Dec. 19 and 20, when fresh seafood will be sold from a truck in the Bennington Plaza parking lot. Shrimp, lobster tails, and red snapper

will be offered for sale from 10 a.m. to 3 p.m. on Dec. 19 and 20.

#### Preteen disco, rock dance slated Dec. 19 at Community Center

A preteen disco and rock dance for all the young people of the community will be held at the Community Center on Friday, Dec. 19, from 6 to 9:30 p.m.

Admission for youngsters from age 7 through 13 is 50 cents per person; parents are welcome and are admitted free if they are accompanied by a child. (Parents not accompanying their children are asked to pick them up promptly at 9:30.) Prizes will be offered to the best disco

dancers, for couple or single dancer, and other prizes will also be awarded.

Soft drinks may be purchased at the dance for 35 cents each.

The dance is being sponsored by the Chief Petty Officers Association, established in the Indian Wells Valley to meet a variety of charitable and educational needs. The IWV CPO Association is open to all active duty and retired Navy chief petty officers.

Anyone interested in additional information about either the dance or the CPO Association should contact ABHC John Price by calling 446-5837 after working



WICKED QUEEN-Kirsten Ives portrays the wicked Queen Brangomar in the Burroughs Children's Theater production of "Snow White and the Seven Dwarfs." The play can be seen at the Burroughs lecture center tonight and tomorrow night at 7:30, and there also will be a matinee at 1:30 p.m. tomorrow. Tickets are \$1 for children under 12 and \$1.50 general admission.



Capt. W. B. Haff, NWC Commander, recently were present at a luncheon honoring graduates of the Navy Relief Society information course. Recipients of certificates for completing the course were (I. to r.) Patricia Darrow, Chaplain Eric Darrow, Yuko Blair, Patricia Valovich, Phyllis Martin, and Eleanor Hartwig. standing beside Capt. Haff is Patricia Anderson, Navy Relief Society field representative. Unable to be present for the picture was Carol Dieckman.

## Holiday Traffic Safety Program scheduled three times Tuesday

The annual holiday season Traffic Safety talk about citations and accidents in this Program will be presented at the Center theater on Tuesday.

By special request, this year there will be three presentations in order to allow as many NWC personnel, both military and civilian and their wives, husbands and driving age dependents, as possible to attend. Supervisors are urged to use these programs for their December safety

The programs begin at 10 a.m., and at 1 and 3:30 p.m. Each one will be about an hour long, and time will be allowed for questions from the audience.

provided at 10 a.m. by Capt. James E. Doolittle, head of the NWC Aircraft Department; by Capt. John Patterson, NWC Vice Commander, at the 1 p.m. program; and Capt. N.B. Nash, Executive Officer at Air Test and Evaluation Squadron Five, at the 3:30 p.m. program.

An excellent movie "Room to Live" dramatizing traffic accident problems and seat belt use will be shown, and Lt. Al Irwin, head of the Movjave Area Office of the California Highway Patrol, will be here to

MONIES

"STAR TREK THE

MOTION PICTURE"

William Shatner and Leonard Nimoy

(Adventure-drama, rated G, 134 min.)

"WHEN YOU COME HOME RED RIDER"

Starring
Candy Clark and Marjoe Gortner

(Drama, rated R, 118 min.)

"SMOKEY AND THE BANDIT"

Burt Reynolds and Sally Fields

(Comedy, rated PG, 96 min.)

"KLONDIKE FEVER" Starring Rod Steiger and Angle Dickinson

(Adventure-drama, rated PG 107 min.)

John Belushi and Dan Akroyd

(Musical Comedy, rated R, 133 min.)

John Ritter and Anne Archer

(Comedy, rated PG, 98 min.)

"HERO AT LARGE"

"THE BLUES BROTHERS"

FRIDAY, MONDAY

SATURDAY

WEDNESDAY

FRIDAY

S) ALL AGES ADMITTED

(R) RESTRICTED

DEC. 12, 15

DEC. 19

Porterville Hospital An introduction to the program will be A toy drive for the benefit of the 1,600 patients at Porterville State Hospital has been launched by the Burroughs High School Key Club.

A portion of this effort on the part of Key Clubbers will be a door-to-door drive today and tomorrow in some of the larger housing tracts in the City of Ridgecrest.

In addition, Sgt. Jack de Croup-Crank,

from the Los Angeles Police Department.

will discuss the problem of drinking and

driving, and a representative of the China

Lake police will be on hand to answer

questions concerning citations that have

Key Club collects

toys for patients at

curred on the Center.

been issued and accidents that have oc-

Others who wish to contribute toys or games can do so at the following collection centers in Ridgecrest: Nuckoll's Upholstery, 208 Panamint St.; Klassen's Body and Glass Shop, 825 W. Ridgecrest Blvd.; Church of the Nazarene, 571 N. Norma St.; Seventh Day Adventist School, 555 W. Las Flores Ave.; and Crest Realty. 301 S. China Lake Blvd.

In addition, arrangements can be made to have toys or games picked up by calling either Hope Sizemore at 375-4139 or Julie Froehner at 375-7263.

#### Christmas concert set by choir at Cerro Coso

The Concert Choir of Cerro Coso Community College will present its annual free Christmas concert on Sunday at 3 p.m. in the college lecture center. All members of the community are invited to attend.

Soloists Rita Douvre and Sam Haun will sing traditional holiday songs, and the choir will join them with contemporary, romantic and humorous selections. The audience will be invited to join in singing Christmas

The choir is under the direction of Russell Parker and accompanied by Joan Fowler.

Big savings in FY '80 A report issued by the Navy Resale and Services Support Office shows that shoppers at Navy Commissary Stores saved about 21 percent on their grocery bills during Fiscal

At the close of the fiscal year, there were 82 Commissary Stores in operation: 61 stores in the continental United States and 21 stores overseas. Navy Commissary Stores worldwide recorded sales of \$160 million during the last fiscal year.



Just a reminder from the Commissioned Officers' Mess staff that the main club will be closed for private parties tonight and tomorrow, as well as Friday and Saturday, Dec. 19 and 20. However, there will be regular dinner and bar service offered in the new Sidewinder room from 6 to 10 p.m. on those evenings.

Get out the good cheer and happy faces and make reservations for the COM's gala New Year's Eve party on Wednesday, Dec.

Along with party favors, hats and noisemakers, there will be a no-host social hour from 6 to 7 o'clock, and happy hour prices from 7 to 9 p.m.

Dinner, which will be served from 7:30 to 9:30 p.m., will include a tossed salad, prime

rib of beef, baked potato, and broccoli cuts. A breakfast to be served from 1 to 2 a.m.. and free champagne that will flow at midnight, are also on the agenda.

Music for listening and dancing will be provided by the "Sounds of Country," a popular group in the China Lake area that comes here from Studio City, Calif. They will perform from 9 p.m. until 1 a.m.

Price for the New Year's Eve party with all the trimmings is \$17.50 per person, and tickets, which can be picked up at the COM office, are now on sale. Reservations will be accepted until Tuesday, Dec. 23.

Chief Petty Officers' Club

Tickets are now on sale at the Chief Petty Officers' Club office for the New Year's Eve fete on Wednesday, Dec. 31.

The price of \$15 per person will include a prime rib dinner with wine and champagne, starting at 7 p.m., and noisemakers and hats, for all members and guests in attendance.

"The Tiger," a versatile 4-piece group from the Los Angeles area will provide the musical entertainment for the evening from

Reservations must be made no later than Monday, Dec. 29, in order to give the CPO Club management and employees ample time to prepare for the New Year's Eve

#### Catholic Congregation Xmas dinner-dance planned on Dec. 19

The Catholic Congregation of the All Faith Chapel will hold its 18th annual Christmas dinner-dance next Friday, Dec. 19, at the Enlisted Mess.

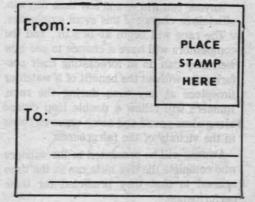
A social hour starting at 6 p.m. will precede dinner-a turkey, ham, and steamboat round of beef buffet-and the evening will be rounded out by dancing from 9 to 1 a.m. to music by the Desert Express.

Tickets priced at \$12.50 per person can be purchased following Catholic masses at the All Faith Chapel and the St. Ann's Catholic Church in Ridgecrest, or at the chapel office during the week.

#### NEX hours change Thurs.

The Navy Exchange main store and minimart will change their hours for one day only on Thursday, Dec. 18. On that day, both stores will close at 5:30 p.m.

U.S. Government Princing Office:





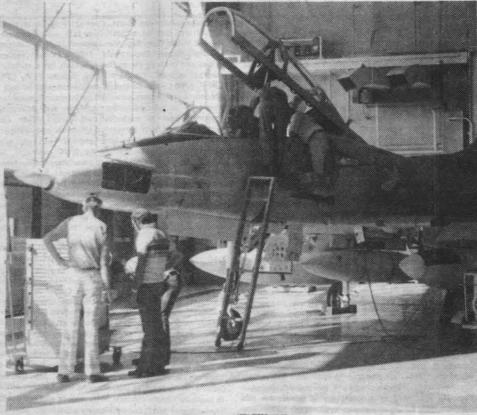
NAVAL WEAPONS CENTER CHINA LAKE

VOL. XXXV. No. 49

December 12, 1980

#### Christmas Cantata on Sunday . . . . . . . . . More About Contracting Out ...... Fed'l Life Insurance Changes ..... 4 Fire Safety Tips Offered ......5 Sports......6 Traffic Safety Program ......8

## HARM engineering development program moves ahead



PRE-FLIGHT CHECK — While the aircraft pilot (looking into cockpit) is briefed by a contractor employee from Texas Instruments on the Navy TA4 (KNOZY) aircraft system control console for the High-Speed Anti-Radiation Missile (HARM), three other men (including Les Caffee, of NWC's Code 35062) carry out a pre-flight check of the software functions that have been loaded into the aircraft's on-board computer. The HARM seeker is mounted in the nose of the aircraft.

## New gate access procedure goes into effect on Monday

A new gate access procedure that has been approved on a trial basis by Capt. William B. Haff, NWC Commander, will go into effect on Monday.

Eliminated will be the requirement to display NWC passes at the NWC main gate or the Richmond Road south gate, since guards will no longer be posted at these two points of entry during regular working hours. The pedestrian gate between the Burroughs High campus and adjoining Navy land also will be open.

This change will open up the housing area and unclassified sections of the Center's main business site to entry by all persons who have business at China Lake, whether or not they have a pass.

Security efforts will be cond restricted areas (such as the laboratories, Armitage Airfield, and the ranges). Guards will control access to the ranges on a 24-hour basis and only those persons having a valid pass with the proper area Xmas star, lights

## at chapel to shine for holiday season

The spirit of Christmas will shine at the Naval Weapons Center this year despite the energy shortage.

Once more the star on B Mountain has been lighted, and the exterior roof ridge lights at the All Faith Chapel will add their glow to the warmth of the holiday season.

The Hanukkah Festival of Lights display and the manger scene at the All Faith Chapel also are lighted to demonstrate the ecumenical aspects of the celebration.

Unfortunately, the need to conserve electricity requires that no other exterior decorative lights can be permitted on any other Center buildings, including family or bachelor housing.

designator will be permitted to travel beyond the range control gates located on Sandquist Road and Lauritsen Road. Beginning on Monday, the hours of

operation at the various NWC gates will be Main gate-open 24 hours, and manned by guards between 11 p.m. to 5 a.m.

South gate-open 5 a.m. to 11 p.m. (no guard), closed 11 p.m. to 5 a.m. Burroughs High School - pedestrian gate

open 24 hours with no guard. There is a vehicle gate that will be controlled by school officials and is not for public use. Lauritsen Road gate to north ranges and

airfield - open and manned by guard 24

Sandquist Road gate to north ranges, airfield, and SNORT - open and manned by guard from 6 a.m. to 6 p.m. on working days; closed from 6 p.m. to 6 a.m. on working days, and 24 hours on Saturdays, Sundays, and holidays.

There will be no change in operations at either the China Lake Propulsion Laboratories gate or at the gate to the Randsburg Wash area.

To expedite the flow of traffic bound for Armitage Airfield and the north range areas between 6:30 and 7:45 a.m. and from 12 noon to 12:45 p.m. on workdays, guards on duty at the Sandquist Road and Lauritsen Road gates will wave through all vehicles that have valid NWC bumper decals. Even though it will not be necessary for the driver or passengers to display NWC passes, it will be the driver's responsibility to insure that he and all passengers have valid NWC passes in their possession, Safety and Security Department officials emphasize.

Procedures also have been set up for the issuance of controlled area access passes to military dependents and dependents of Civil

(Continued on Page 4)

### 140 captive carry flights, 18 missile

## launches made against land, sea targets

Another milestone was achieved recently is expected to fly. in the engineering development of the Phase II flight test program of the High-Speed Anti-Radiation Missile (HARM) completion of the Phase II flight test

HARM is an evolution of the Shrike and Standard ARM that has improved guidance and propulsion. Its mission is to destroy or suppress enemy electronic emitters associated with radar sites and thereby reduce aircraft losses due to radar directed anti-aircraft guns and surface-to-air

The objectives of this flight test program were to demonstrate that the HARM weapon system meets all of the requirements necessary in order to support a decision by the Secretary of the Navy to proceed into initial production of this SCOPE OF TEST WORK

Over a period of two years, more than 140 captive carry flights and 18 missile launches were made to determine how HARM performed against seaborne targets at the Pacific Missile Test Center, Point Mugu. and against land targets on Naval Weapons Center ranges. Two of the 18 missile launches were unguided to prove that the missile could meet the maneuverablility requirements, and the remainder were guided missile flights against various types

of radiating targets. Three different aircraft were used during the captive flight tests. They were the Navy A-7E, the Navy TA-4 (KNOZY), and the Air Force F4-G Wild Weasel. The captive carry tests were conducted in order to determine that the HARM and the aircraft avionics were working properly and would perform under various conditions.

Aircraft approached the test range targets at various speeds, altitudes, and angles. In flight tests using the TA-4 KNOZY aircraft, the HARM seeker was mounted on the nose of the aircraft, which was then flown through a trajectory that is the same as on the missile (when launched)

The recently completed HARM Phase II development flight test program ran the gamut of tests from checkout of aircraft carriage and launch envelope characteristics to radio frequency coverage and sensitivity, as well as missile velocity, maneuverability, range, and launch modes.

Still other tests had as their objectives the determination of such things as capability of the HARM weapon system to operate in electronic countermeasures environments: against multiple targets and with multipath signals; as well as demonstrations of the weapon system's reliability and main-

JOINT SERVICE PROGRAM

In addition, since this is a joint service program, it was necessary to demonstrate the capability of the HARM weapon system with both Navy and Air Force aircraft operating in several distinct launch modes under five different tactical scenarios.

The HARM Phase II development flight test program also was intended to provide preliminary data to Navy and Air Force Operational Evaluation Squadrons on the operational effectiveness and suitability of this latest model of HARM.

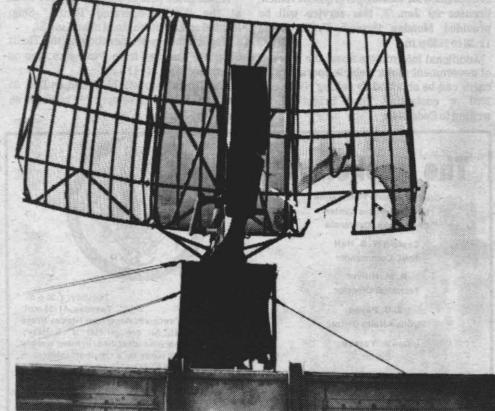
The Naval Air Systems Command is the

#### (Continued on Page 3) Holiday declared Dec. 26

By Executive Order signed last Friday, President Jimmy Carter has authorized the closing of all executive departments and agencies on Friday, Dec. 26.

Dec. 26 will be considered a holiday for pay and leave purposes for civilian employees and military personnel. This applies to nonappropriated fund employees, as well as appropriated fund

As a result of this action, NWC civilian employees, except those involved in such essential services as fire and police protection, have a fourday Christmas holiday weekend to look



ACCURACY DEMONSTRATED — A target radar dish at the Naval Weapons Center shows the effect a successful firing of the HARM missile in May 1980. A distinct "wing print" can be seen in the mesh and the target horn.

#### Editorial

## Every litter bit hurts

The appearance of a place or a person can be important in the first impression that a visitor sees or a new acquaintance projects. This being the case, the Command has called on all hands to lend their support in making and keeping the China Lake community a "ship-shape" place in which to

For most of the past year, Centerites have been reminded now and then of the desirability for eliminating unsightly accumulations of trash and litter wherever they may be found in and around the Center's main work site.

Several new trash receptacles were purchased and placed in prominent locations in order to serve the twofold purpose of reminding passersby of the cleanup effort and also facilitating their participation in it.

This low-key effort to date has made some inroads on the problem, but there is still ample room for improvement. Toward this end, two part-time employees have been hitting some of the worst places along the Center's fence line where wind-blown litter accumulates.

The foregoing has served as a prelude to Project Community Pride on Saturday, Jan. 17, when adult and youth clubs and organizations and all interested individuals, as well, will be enlisted in the battle against trash and

Giving a few hour's time on that one day isn't the final answer to resolving what is a year-round problem, but it is hoped that the dramatic improvement that is anticipated can and will inspire all Center employees and military personnel to continue their individual efforts once they have seen what a welcome sight it is to have a litter-free community.

All Centerites are urged to be on the lookout now for nooks and crannies in their work areas that are made unsightly by those who carelessly drop sandwich wrappings, discarded cigarette packs, or candy and gum wrappers on hallway floors or on the ground. By pitching in to help rid the Center of such unsightly accumulations of trash, China Lakers can show evidence of the same pride in the appearance of their work area and the neighborhoods in which they live as they do in the end product of their work itself.

## Protestant choir to present Christmas cantata on Sunday

A Christmas cantata entitled "The Year of Our Lord" will be sung by the Protestant choir of the All Faith Chapel at the 10 a.m. worship service Sunday at the chapel.

This 'musical, written by Jeanna and Robert Grahm, focuses on the real meaning of Christmas as it relates the story of the birth of Christ in narration and song.

Cdr. John Allen, NWC's senior chaplain,

#### No government motor vehicle ID cards

issued Dec. 22-Jan. 2 Government motor vehicle operator's

identification cards (SF46) will not be issued during the holiday period-from Monday, Dec. 22, through Friday, Jan. 2.

Vehicle operator ID cards expiring this month should be renewed prior to Dec. 22. Emergency needs for the issuance of vehicle operator cards can be handled by submitting a department-head request to Code 244.

When regular hours of operation are resumed for issuing government vehicle licenses on Jan. 5, this service will be at the WACOM-operated Thrift Shop provided Monday through Friday from located on Lauritsen Road near King St,

Additional information about the renewal of government motor vehicle operator's ID cards can be obtained by calling NWC ext. 2002 or contacting Thad Brightwell by writing to Code 2440.

will be the narrator and the soloists are Marcia Daly, Sandra Osman Raines, and

The 38-member choir is directed by Mrs. Dovie Leonard and accompanied at the organ by Ray Blume. In addition to the soloists, choir members are:

Joan Allen; Jean Amundson; Marv Backman; Carol Barnett; Dave and Jane Brock; Darlene Carson; Amy, Dana and Floyd Castillo; Donna Clark; Sandy Clements; Flo Condos; Eric Darrow; Paul DeRuiter, and Rita Douvre.

Others are Carolyn and Bill Dunn; Laura Farrell; Joan Fowler; Carol Garrison; Sybille, Erika and Susan Gehres; Cheryl Haun; Bob Huey; Randy Johnson; Bob A. Leonard: Tricia Paschall; Ann Simmons; John and Val Strommen; Anna Stump; James VanMilligan, and Diane Wadelin.

Sunday evening, starting at 7, there also will be a Sunday School Christmas program in the All Faith Chapel. A play entitled "The Question" will be presented.

#### Halt-price sale slated

A half-price sale is coming up next week

Regular hours of operation at the Thrift Shop are Tuesday from 7 to 9 p.m. and on Thursday from 9 to 11 a.m.

The Thrift Shop will be closed on Dec. 25 and Jan. 1, but will re-open for business on

# Tuesday, Jan. 6.

## The Rocketeer

**Naval Weapons Center** China Lake, California Captain W. B. Haff

> **NWC Commander** R. M. Hillyer **Technical Director**

S. G. Payne **Public Affairs Office** 

> Editor Mickey Strang

Associate Editor

**Beverly Becksvoort Editorial Assistant** 



**News Stories** Tuesday, 4:30 p.m. Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003

## **Promotional opportunities**

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Pertment, Bldg. 34. Unless otherwise specified in an ad, applications column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division. Code 092, Ext. 2069. 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 alternate 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 ility of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one super visory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplement 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 nonmeri

uncement No. 09-16-KLC, Biological Technician, GS-404-5, PD No. 7926056N, Code 2632 - The purpose of this nent is to establish a register to fill temporary (not to exceed one year) Biological Technician positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an ment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service registers, and individuals not on registers who have skills necessary hand field information to provide data on matters pertaining to management of natural resources on lands controlled by the Naval Weapons Center. Natural and water and water sources (other than those used for domestic consumption). These matters normally concern NWC ranges and unimproved lands. Job Relevant Criteria: Knowledge of the life zones and environments of the region; knowledge of current practices in multiple use resource management; skill in applying standard technique for species indentification, field surveys, and use of standard reference sources; ability to use scientific statistical methods for data reduction.

Announcement No. 09-17KLC, Physical Science Technician, GS-1311-5, PD No. 8026085, Code 2661 — The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) Physical Science Technician positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service registers, and individuals not on registers who have skills necessary to qualify for this position. The incumbent assists engineering technicians and scientific personnel with the gathering and recording of geological, geochemical, and geophysical data in the field. Collects samples for laboratory analysis. Conducts tine geologic studies, reduces and interprets geologic data taken from geodetic surveys, and performs mappi of surficial deposits, bedrock, subsurface phenomena, and eral deposits. Job Relevant Criteria: Knowledge of the principles, methods, and techniques used in the field of geology and related earth sciences; knowledge of computer programming and statistical methods; ability to work independently; ability to work harmoneously with

uncement No. 0814, Supervisory Management Assistant, GS-344-9, PD No. 8008045E. Code 0821 - This position is that of head, Records Management Branch of the Management Division, Office of Finance and Management. The branch has overall responsibility for implementation of the Navy's directives, forms, reports, files, and records disposition programs at this Center. In tion to processing of request for forms, directives and reports, the branch provides training to Center employee regarding the various programs, provides consultation and fications for OPNAV authorization for procurement of filing equpment. The incumbent also serves as liaison with NPPS for printing of forms and directives. Job Relevant Criteria: Ability or potential to supervise an organization; ability to deal effectively with all levels of the organization and tenant activities; ability to communicate effectively both orally and in writing; support EEO principles and programs; knowledge of higher authority requirements and standards for the various records management programs and government printing regulations.

ouncement No. 1202, Secretary (Typing), GS-318-4/5, PD No. 7512013N. Code 12 - This position is located in the Weapons Planning Group and reports to the Program Director for R & D Planning. Major duties include receiving visitors, telephone calls and mail; typing official correspondence, travel orders, security clearances and itineries; scheduling conferences and meetings; and maintaining supervisor's calendar and files. Job Relevant Criteria: Must be proficient typist; must have thorough knowledge of Center clerical procedures; must be able to

procedures. Announcement No. 25-029, General Equipment Inspector, WG-6901-7, JD No. 385, Code 25922 — Training detail, 3-6 vacancies. This position is located in the Inspection Section, Receiving Branch, Material Division, Supply Department, Selection from this ad will result in the selectee being detailed to Code 25922 for a four month training assignment. Upon completion of training, the employees will return to their former position and as vacancies occur for General Equipment Inspectors in Code 25922, they will be advertised. Training will include imprest fund process, gaining familiarity with supply documents, and review of receiving documents. Also includes gaining a basic knowledge of grading lumber, figuring square footage, and use of various measuring devices. Job Relevant Criteria: Ability to plan and perform work with decreasing supervision; ability to interpret and apply instructions, etc; interest in Supply/Equipment Inspection, Supplemental Qualifications Statement (SQS) must be submitted. SQS available in Rm. 100 of the Per-

sonnel Dept., Bldg. 34. cement No. 25-030, Procurement Clerk, GS-1106-5, PD No. 8025051, Code 252 - This position is located in the Contracts Division, Supply Department. The incumber performs all post award reviews of data input to the Federal Procurement Data System. Serves as RIMS Coordinator for the division. Reviews input to RIMS and system reports for accuracy. Responds to questions from Center personnel on RIMS. Incumbent is also responsible for the Contracts Division Automated Document System. lopment of procedures, handbooks or forms. Job Relevant Criteria: Knowledge of Defense Acquisition Regulations; ability to deal effectively with personnel at all levels, both on and off Center; ability to work inently; ability to make sound decisions.

1102-9/11/12, PD. No. 8025051, Code 2521 - This pos ocated in the Contracts Management Branch, Contracts Division, Supply Department. The incumbent analyze prices and costs in contractor proposals for a variety of contract actions. Contract types include FFP, CPIF CPFF, AND CPAF. Contracts are complicated by lack of precedent cost factors, extended performance periods and requency of subcontracting. Analyzes and determines ness of material cost, direct labor overhead costs, etc. Evaluates historical and statistical data relative to material, labor and overhead rates of industries likely to be utilized by NWC contracts. Job Relevant Criteria: Knowledge of government procuremen and contractual practices and policies; knowledge of current business practices including business law and accounting; ability to communicate effectively, orally and in writing, with all levels of personnel both on and off Center; (for GS-11/12) ability to perform contract price analysis; (for GS-9) knowledge of contract pricing

GS-1173-4/5, PD No. 8026036N, Code 2651-Position is ocated in the Personnel Support Branch, Housing Division, Public Works Department. Incumbent v receive and process applications for Center housing. Incumbent assigns quarters, schedules check-in, pretermination and termination inspections of quarters, and naintains occupancy records. Duties also include counseling military and civilian employees who request assistance in locating housing in the local community, and assisting them in locating suitable housing. Note: if filled at GS-4 level, position has promotion potential to GS-5; however, promotion is not guaranteed. Job Relevant Criteria: Knowledge of DoD Housing Regulations; ability tactfully handle contacts with tenants and the public; knowledge of NWC family housing guidelines; ability to

keep accurate records and prepare reports.

Announcement No. 26-041, Sheet/Plate Metal Helper WG-3801-5, JD No. 705N, Code 25411-(2 vacancies) Position is located in the Maintenance-Utilities Division of the Public Works Department, Incumbent will assist in the layout, fabrication, assembly and installation of prototypes, experimental parts and equipment made from various types of ferrous and non-ferrous metal and alloys Performs electric arc welding, oxyacetylene welding radio graph cutting, soldering, and burning. Works from blueprints, sketches and specifications. Note: Position has promotion potential to WG-11; however, promotion is not guaranteed. Job Relevant Criteria: Reliability and ndability; shop aptitude and interest; ability to follow tructions in shop; dexterity and safety; ability to work as a member of a team. Supplemental qua statement is required and may be picked up in the Personnel Dept., Bldg. 34, Rm. 210, or at the reception desk.

Announcement No. 26-042, Electrician (High Voltage) Helper, WG-2810-5, JD No. 127N, Code 26445—Position is in the Utilities and Range Branch, Maintenance-Utilities Division, Public Works Department. The incumber assists journeymen in the installation, maintenance and sion and distribution lines and equip (Continued on Page 7)



#### **DIVINE SERVICES**

PROTESTANT Sunday Worship Service Sunday School-All Ages 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 Thursday Men's Prayer Breakfast ROMAN CATHOLIC

MASS 0815-1245 Nursery, Chapel Annex 1 Daily except Saturday, 1135 Blessed Sacrament Chapel CONFESSIONS

1115 to 1130

and Youth Rallies

0800 to 0825 RELIGIOUS EDUCATION CLASSES Pre-school thru 11 th grade Above classes are held in the Chapel Annexes across from the former Center Restaurant. 12th grade Sunday afternoon "Home" Discussion Groups As announced

Contact Chaplain's Office for specifics. JEWISH SERVICES EAST WING - ALL FAITH CHAPEL

Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Services-(Sept.-May) December 12, 1980

BHS cagers . . . (Continued from Page 6)

while Heyward and Robertson led the Burros with 20 and 18, respectively.

A second round 64-48 win by Burroughs over East High was a satisfying one for the BHS varsity cagers, who outplayed their long-time, non-league rivals. The Blades rebounded after this defeat to capture third place in the tourney as the result of a 1-point win over Canyon High School.

The game with East High was close, with Burroughs leading 20-15 at the end of the first quarter and by 6 points, 35-29 at the half. The situation remained the same, with the Burros leading by 6, until the last 3 minutes of the third quarter.

BURROS BUILD UP LEAD

At that point, David Wooten and John Robertson led a BHS 12-point rally by scoring 6 and 4 points, respectively, while the East High Blades hit just 2 points. As a result, the Burros started the fourth period of play with a 16-point lead of 55-39 and coasted to a 64-48 victory.

Dalton Heyward, center for Burroughs, was instrumental in the win over East High as he helped the Burros control the boards by grabbing 23 rebounds. Top scorer for BHS was Billy Brown, who tallied 13, while Heyward chipped in 10. The East High Blades were led in the scoring department by Chuck Mitchell, who had 15, and Eric Leathers, who chalked up 13.

The Burros, smarting from the previous Tuesday night's loss to Bakersfield High in the season opener, took out some of their frustrations by romping to a one-sided 81-48 win over the Knights of St. Joseph's High School in the tourney opener at San Luis Obispo.

BHS WINS EASILY

The BHS varsity got off to a 14-6 first quarter lead that was increased to 39-18 by halftime of the game against St. Joseph's. Curtis Edmonson's 8 points in the second quarter were a factor in the comfortable halftime lead built up by the Burros, and Billy Brown's outside shooting in the third period helped the BHS varsity increase its lead to 59-30 by the start of the fourth quarter of play.

With the outcome virtually assured, reserve players had the chance to gain playing experience for the Burros, who outscored the St. Joseph's Knights 22-18 in the final period of play to win by a 33-point margin of 81-48.

The high point man was Frank Riecebos, who scored 21 for St. Joseph's. The Burros were led by Dalton Heyward and Billie Brown, who tallied 14 and 12 points, respectively.

Next home game for the Burroughs High boys' varsity basketball team will be on Tuesday, Dec. 23, against Bishop High

#### OTHTC slates 5-mi. prediction run at fairgrounds Sat.

A five mile prediction run - a race that goes not to the swiftest, but to the most accurate judge of pace - will be held tomorrow morning by the Over-the-Hill Track Club.

Registration for this event will take place starting at 9 a.m. Saturday at the entrance to the Desert Empire Fairgrounds in Ridgecrest. At the time they sign up, runners will be asked to predict their finish times for the five mile run.

Anyone can win - and any time can win, officials in charge of this event emphasize. The race will begin at 10 a.m., and the

competitors will have a chance to see how well they can do at forecasting their performance without the benefit of a watch or timepiece at any time during the race. Runners will follow a double loop course along some paved and some unpaved roads in the vicinity of the fairgrounds.

Awards will be presented to the winners who complete the five mile run in the time nearest to that they predicted for their performance.

## employee in the spotlight

"When I got here the only paved streets on the Center were Blandy, Lauritsen, Halsey and Richmond"

Al Boyak



By Mickey Strang

"I'm a happy man," says Al Boyack, a locksmith and machinist in Code 32, "I've had a job that changed enough to keep me constantly interested, and I've got two hobbies that I enjoy, neither of which cost me anything."

Considering that those hobbies are photography - notoriously expensive - and that he has recently put \$1,200 into the bike that he uses for his bicycling hobby, that remark takes some ex-

The bicycle provides him transportation to work without having to spend any money for gasoline. He's been riding a bike to work for 61/2 years- with the trip being a little under 9 miles one way. He starts from his home in town (which he moved to when it cost him as much to live on-Center as in town) out to his job location at Salt Wells, and makes the journey in less than 30 minutes.

#### Enters 100-mile run

"I even passed a small Honda motorcycle the other day," Al says. "That was fun." (The wind used to bother him, he admits, but not much any more. That less than 30 minutes isn't pushing the new bike that he assembled from components to its maximum, because he's made the 30 miles to Little Lake in an hour and a quarter with no help from the wind.

He doesn't always bike by himself, however; he's also entered a 100-mile run with friends and completed that in 6 hours and 35 minutes, and went along (with seven other local people) to take part in a 73-mile ride from Tecate to Ensenada, Mexico. That one he says he won't do again because of the terribly bad roads in Mexico that the 5,000 entrants in the race had to traverse.

His wife Darlene has gotten used to his biking, has a bike of her own, but doesn't join him on the road as much as his two married daughters do when they come back to the area to visit. (Brother "Zeke" is also into biking. He rides to Armitage Airfield and home daily.)

His photography hobby is something that he's been into for a lot longer than biking. Al began taking snapshots of weddings for friends — and then found himself being asked increasingly to do the whole set of wedding pictures. For the past 15 years he's been

averaging about 25 weddings a year ("for anyone who asks me"), as well as portraits for friends. Cost to the people involved is the cost of the supplies and equipment. His work is so good that he's often booked eight to nine months in advance-with one wedding scheduled right now for next June and a couple for March already on the calendar.

#### 35 years at China Lake

The photography hobby has lapped over into his work. He has served as a backup photographer when the regular photographic staff has been unable to cover events occuring in the Ordnance Systems Department. Photography is only one of the varied skills that Al has applied in his 35 years at China Lake; he started work in the Public Works Department in 1945 and learned a lot of trades while he was there. ("People are always so happy to be able to share their knowledge," says Al, "that I've really been able to learn a lot.")

He started working before he was the age (18) at which he could legally be hired by the government, because when his father came to China Lake from Bellflower, Calif. Al came too. The Security Department was not happy about an unemployed 17-year old living in the area by himself since the senior Boyack had to live in a dormitory (there being no other housing available then). Because workers were desperately needed, the authorities closed their eyes to Al's age and hired him. Neither they or he regretted

#### Community has grown

"When I got here the only paved streets on the Center were Blandy, Lauritsen, Halsey and Richmond, with very little other paving (even the big Bennington Plaza parking lot was dirt for years)," says Al. Nobody ever locked their houses-there was no need to - but it did lead to a lot of confusion because all of the housing quarters looked alike."

Watching the community grow has been interesting, Al notes. In spite of having been here so long, he's not ever been bored because his job has continued to change and because he's always had his hobbies to keep him interested in life.

## Promotional Opportunities

(Continued from Page 2)

This includes overhead and underground power lines transformers, street lighting systems and switching gear Note: Position has promotion potential to WG-10; how otion is not guaranteed. Job Relevant Criteria Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; bility to work as a member of a team. Supplemental alifications statement is required and may be picked up in the Personnel Dept., Bldg. 34, Rm. 210, or at

Announcement No. 26-043, Industrial Electronics Control Mechanic, WG-2663-8 or 11, JD No. 465N, Code 26441 -Position is located in the Maintenance-Utilities Division of the Public Works Department. Duties of this position are to lay out, plan, design, built, test, install, maintain, troubleshoot and repair all types of highly complex integral recording, boiler flame safety devices, diathermy, X-ray,

#### Local chess players win match against High Sierra team

The Ridgecrest Chess Club, represented four China Lake employees, recently traveled north to play a match with members of the chess group from the Bishop-Mammoth-June Lake area and returned winners by a final score of 4 1/2

Making the trek were Dave Scott, Jack Cowles, Andy Kilikauskas, and Gary

The 19 members of the Ridgecrest Chess Club meet each Saturday evening at 7:30 at the Ridgecrest City Hall to hone their skills for various out-of-town tourneys that they

The club was recently pleased to learn that one of its members, Dan Lee, a student at Cerro Coso Community College, has been rated over 2,000, making him a master candidate. This is the highest rating yet achieved by a local chess club member.

and devices, and voltage and frequency controls for power generating equipment. Position may be filled at the WG-8 or wG-11 level. It filled at WG-8, incumbent may be promoted to WG-11. Promotion is not guaranteed. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of in dustrial equipment operation, control and control repair; knowledge of electrical and electronic theory; use of test equipment; ability to troubleshoot; ability to interpre instructions, blueprints, schematics specifications, etc. Supplemental qualifications statement is required and may be picked up in the Personnel Dept., Bldg. 34, Rm. 210, or at the reception desk.

Announcement No. 26-044, Supervisory General Engineer, DP-801-3, PAC No. 8026553E, Code 261-Position is director of the Maintenance Control Division, Public Works Department. Coordinates the resources in the maintenance control program and in the maintenance, work performed under contract; serves on architect/engineer selection and negotiating boards; reviews and coordinates efforts of Levels I, II, and III associates when serving as lead technical representative on facilities projects. Supervises division responsible for provision o planning and estimating services in support of Public Works projects. Job Relevant Criteria: Ability to direct a subordinate staff; ability to confront people problems (EEO); knowledge of engineering principles and techniques; decision-making ability; skill in handling work

Announcement No. 35012, Electronics Engineer, DP-855-3. PAC 8035697E, Code 35063 - This position is located in the HARM Technical Management Office, Systems Engineering Group, of the Electronic Warfare Dept. Incumbent is responsible for monitoring the development of the HARM guidance section and the developme facilities in support of a second source contract. Job Relevant Criteria: Knowledge in the design and test of sive RF receivers; understanding of basic vide processing techniques; ability to plan, schedule and velop major test facilities.

Announcement No. 62010, Supervisory Electronics Technician, GS-856-12, PD No. 7662003E, Code 62341 -Serves as head, Timing Section, Range Branch, Instrumentation Division. The section designs, develops maintains and operates timing, television, electronic measurement and communication systems used to provide precision timing to the air and ground ranges of the Center The position has full supervisory responsibility over a section of four people. If the individual selected for this position is a new supervisor, a one year probationary period will be required as a supervisor. Job Relevan Criteria: Knowledge of the design, maintenance and operation of complex electronic timing systems; ability to work with various organizational levels at NWC; ability to coordinate and supervise the work of others; demonstrated support for the Center's Equal Employment Opportunity

Announcement No. 62011, Supervisory Electronic Engineer, DP-855-3, Supervisory Computer Scientist DP 1550-3, Supervisory Physicist DP-1310-3 (Interdisciplinary PAC No. 8062587E, Code 6235 - The incumbent of this position will serve as head, Range Development Branch, Range Instrumentation Support Division, Range Depart ment. The function of this branch is to provide direct planning and engineering support to operational division within the NWC Range complex. This support takes the form of the solution of field instrumentation problems, design and development of complete instrumentation and support systems; specification of equipment to update and lace obsolete range instrumentation systems; elopment of new instrumentation techniques; and of ements. In addition, members serve as local Center consultants on instrumentation problems, and in some specialized fields as consultants to other national ranges ministratively and technically in the broad field of test sciences are included within the position; familiar with NWC management and fiscal policies; knowledge of operations of other T&E acitivities (PMTC, White Sands, Yuma, etc.) and some degree of prior interface with Headquarters (Washington D.C.) environment; ability to deal effectively with persons of varying technical backgrounds; ability to communicate effectively and con cisely, both orally and in writing; demonstrated support of the Center's EEO program. Promotion potential to DP-4.

Announcement No. 64008, Engineering Data Management Specialist, GS-301-11, PD No. 8064029E, Code 6412 - This position is located in the Product Support Branch of the Parachute Engineering Division. The position is responsible for providing complete data, configuration management and integrated logistics support on all parachute systems and associated hardware assigned to the Parachute Systems Department. Systems may be in any phase of the equipment life cycle. Job Relevant Criteria: Knowledge of configuration managemen programs; knowledge of integrated logistics management programs; ability to communicate well, both orally and in

cement No. 65, Child Care Attendant, PS-0189-3, Children's Center, Recreational Services Department, Code 221—2 permanent, full-time positions at \$3.70 per hour plus benefits; these are not Civil Service positions. Duties: Direct and supervise children, meeting appropriate educational and emotional needs in an atmosphere which makes child teel secure/protected provide and instrument daily sesson plan in cheerful, stimulating environment. Job Relevant Criteria: Must be a high school graduate or equivalent with 12 units Early Childhood Development at college level, and one year experience working with children at the pre-school level.

Able to lift children weighing up to 40 lbs.

Apply with Bettye Cheatam, Bldg. 21, Recreational Services Dept., Ph. 3387/3388.



#### Results reported of rifle match entered by military team

Members of the Naval Weapons Center's military rifle marksmanship team had the chance to sharpen their skills in a high power rifle match fired last Saturday against a team from the Sierra Desert Gun

The match was held at a range of 600 yards, and the Navy men fired M-14 rifles. In the iron sight event, Bob Gould, of the

Sierra Desert Gun Club, placed first with a score of 190 and five bullseyes (X) out of a possible 200. Runners-up and their scores were ABHC Bill Moss, second with 182 and 5X, and Lt. Denny Wilcox, third, with 177 and 2X.

In order to equalize the competition, each entrant's average score from previous matches was computed and handicaps were allocated

Dave Tucker, of the Sierra Desert Gun Club, scored the highest in the iron sight handicap event with a total of 192 and 1X, followed by AZ1 Craig Wilson (177) and ASM2 Jim Head (175).

with rifles that were equipped with telescopic sights. This event was won by Lt. Wilcox, whose score was 191 (6X) out of a possible 200. Gould placed a close second (189 and 4X), and ABHC Moss was third (187 and 4X).

With allowance for individual handicaps, the top three marksmen in the telescopic sight matchup were ABHC Moss (191), Tucker (187 and 4X), and Bill Miller (182).

.Participants in this rifle match received points towards their standing in National Rifle Association competition as follows: 5 points for placing first, 4 points for second, and 3 points for third place.

#### Triangle bowlers hang on to lead in Premier League race

The Triangle Mobile Homes keglers continued to maintain a lock on first place by a margin of six games following Monday night's Premier (scratch) League action at Hall Memorial Lanes.

Both the Triangle Mobile Homes squad and the Buggy Bath team topped their opponents (Hideaway and Clancey's Claim Co.) two games to one.

Still tied for third place with identical records of 24 wins and 18 losses are Fisher Plastering and Clancey's Claim Co., who trail the Buggy Bath by two games.

High team game for the night was the 1,022 rolled by Clancey's, while the high team series score was the 2,823 posted by Partlow Construction.

Individual honors for the night went to Ernie Lanterman, whose 653 series included a single game total of 278. Other Premier League bowlers over the 600 series mark were Will Levy (639), Thad Brightwell (608), and Jim Bowen (605).

In addition to Lanterman, bowlers with single game scores of more than 220 were Levy (241 and 231), Bowen (238), Allen Smith (236) and Roger Rivest and Ron Jackson (233).

Team Won	Lost
Triangle Mobile Homes32	10
Buggy Bath	16
Fisher Plastering24	. 18
Clancey's Claim Co	18
The Place	21
Raytheon Sidewinders19	. 23
Partlow Construction 18	24
Hideaway17	25
Elks Lodge	
E D I Hustlers 13	29



INSIDE SHOT—Al Sorenson gets off a shot at the basket in Monday night's Division A Intramural Basketball League tilt between Desert Lakes and the KMCC Piranha team. Desert Lakes won the game by a score of 39-33, and Sorenson was the high point man with 16. Vic Jensen (No. 14), of the Desert Lakes squad, gets ready to challenge players on the opposing team for a rebound if the ball fails to -Photo by PH2 Tony Garcia

## 5 games in Div. B, C tip off The match also included a round fired intramural basketball season

Two games in Division B and three between Divison C teams last week launched the Intramural Basketball League's 1980-81

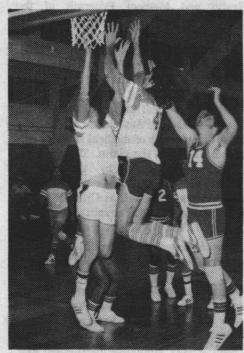
Two all-military teams — the Panthers and F Troop — were winners in the Division

F Troop, led by Joseph Esparza's 28 points, raced to a 64-49 win over the Zephyrs. After getting off to a 28-23 halftime lead, the F Troop cagers picked up the cadence and outscored their opponents by 10 points (36-26) in the second half of the 30-

Rusty Rivet contributed 17 points to the F Troop total of 64, while leading scorers for the Zephyrs were Tim Strawmyre and Marvin Rowe, who tallied 16 and 13 points, respectively.

The Panthers, who led 16-15 at halftime in their game with the NWC Firefighters, went on to post a 7-point victory by a final score of 38-31. Randy Sunday of the Panthers was the game's high point man with 10. He was backed up by a teammate, Chris Long, who chipped in 8. Top scorer for the firemen was Jim Jackson, who also lobbed in 8 points.

Action in Division C of the Intramural Basketball League was highlighted by the Chicken Hawks' 36-35 win over the Supply



BASKETBALL BALLET - Vic Jensen (No. 14), of the Desert Lakes team is outnumbered under the basket by two players for the KMCC Piranha squad as he goes up for the ball

The entire game was as close as the final score indicates. The Chicken Hawks led 16-14 at the end of the first half and outscored the Supply Bombers by a single point, 20-19, in the second half.

Rick Noland's 15 points for the Chicken Hawks was the top scoring performance for either team, and he was backed up by Carl Peacock, who tallied 10. The Supply Bombers were led in the scoring department by John Martin and Rick Feauto, who had 13 and 10 points, respectively.

In two other Division C tilts, the Pizza Villa hoopsters trounced P&C's Antiques 41-22, and the Gas Bags put the skids under the Floorburners 27-29.

The Pizza burners scorched the net for 24 points in the second half of their game with P&C's Antiques, who hit just 10 points in the first half and 12 in the second half. The game's leading scorers were Rudy Muro and Scott Smith, of Pizza Villa, who had 12 and 11 points, respectively.

Duane Blue pumped in 11 points to lead the Gas Bags to their 37-29 win over the Floorburners. It was a 16-13 game at half. with the Gas Bags on top, and this 3-point bulge was increased to 8 at the final buzzer.

Eddie Thomas was the top scorer for the Floorburners with 9.

## Finals of men's master's bowling tourney set Sunday

The finals of the first annual All Lanes Men's Master's Tournament will be held at Hall Memorial bowling lanes on Sunday, starting at 1 p.m.

The five finalists will battle for trophies. gift certificates, and a possible \$50 cash prize for anyone who rolls a 300 game during the tourney. Jim Bowen, who rolled a perfect game earlier this year in league competition, is expected to be on of the finalists

Sunday.

The event is being taped by the local television station for later showing, but spectators are welcome and invited.

Forty-four entrants to the tourney began the first round of bowling last Saturday; by Sunday evening, this field was cut to 22.

The remaining bowlers will again compete tomorrow, with 10 remaining entrants bowling on Sunday morning, and this field being again halved for the finals Sunday afternoon.

**Burros hoopsters** snare 2nd in SLO basketball tourney

Burroughs High School's boys' varsity basketball team garnered second place honors in the three-day San Luis Obispo tournament that ended last Saturday night.

December 12, 1980

The Burros, coached by Larry Bird, made it into the finals of this annual event by posting wins over St. Joseph's High School of Santa Maria and East Bakersfield by scores of 81-48 and 64-48, respectively.

In the finals, the BHS varsity ran up against San Marcos High of Santa Barbara, a Class 4-A team that is ranked fourth in the southern section of the CIF, and came out on the short end of an 82-64 final score.

The San Marcos Royals were led by John Korfas, an all-CIF guard for the past two years, who tallied 23 points.

The Royals got off to a 11-1 lead in the opening quarter of the tourney championship game, before Dalton Heyward, BHS center, hit 5 points and helped the locals trim the San Marcos lead to 17-11 at the end of the first 8 minutes of action.

The Burros came as close as 3 points to tying the score in the second period, but the Royals retained the upper hand by netting 24 points compared to 19 for BHS and left the floor at halftime with an 11-point lead of

After being held to an 11-point lead for most of the third period, a scoring spurt in the final moments of the third quarter enabled the Royals to boost their lead to 63-44 going into the fourth quarter of play. Seven points by John Robertson accounted for half of the 14-point total for the Burros in the third period.

During the final 8 minutes of action, the Burros came up with their top scoring effort of the night as they tallied 20 points, including 8 by Heyward, but the Royals' lead was never in danger as they scored 19 to win by a final score of 82-64.

Top scorers, in addition to Korfas, were Jeff Azain, center for the Royals, who hit 21, (Continued on Page 7)

#### Next session of dry land ski class scheduled Dec. 17

The China Lake Ski Club and Ridgecrest Recreation Department are co-sponsoring a series of free dry land ski classes. Anyone in the community is welcome to attend either or both of the remaining classes.

The next one will be held at 7 p.m. on Wednesday, Dec. 17, at the Senior Citizen Center on South Warner St. in Ridgecrest. Basic and intermediate downhill skiing skills will be discussed, and Ski Club members will demonstrate how to stop and turn, slow down, approach, and how to offload a chairleft.

The final class will be held on Wednesday, Jan. 7, at the Old County Building on Ridgecrest Boulevard in Ridgecrest, also at 7 p.m. This session will cover techniques needed for cross country skiing. Demonstrations and discussions will include tips on body conditioning required by this stren-



SPEEDY — Marcel Martineau slaloms down Mammoth Mountain in a race entered by China Lake Ski Club members who are the instructors in dry land ski classes. -Photo by Ron Cohn



HANG ON THERE — Navy ordnancemen from the Weapons Branch of the NWC Aircraft Department carry out a post-load quality assurance check to make sure that this High-Speed Anti-Radiation Missile is propertly secured to its carrier prior to takeoff for an engineering development test flight. The Navy petty officers are AO2 Larry Archuleta (at left) and AO1 Auomanu Liupaogo. Next to Liupaogo is Cliff DeGraw, an NWC employee in Code 6123, who is installing a camera on the

## Contracting out vs. doing work in-house topic of recorded talk

Presentation of a videotape recording of a discussion on the subject of contracting out government functions vs. in-house performance will highlight the next meeting of Chapter 28 of the Federal Managers' Association (FMA).

The meeting, which is open to all interested persons, will be held on Tuesday, starting at 11:30 a.m., at the Enlisted Mess. For reservations and menu selections, FMA members and others planning to attend are asked to call Debby Dyarman at 446-6929.

The group involved in the videotaped discussion on contracting out vs. in-house performance includes Congressman Herb Harris, sponsor of H.R. 4717, a bill to help control contracting out; Hugh E. Witt, of United Technologies; James E. Pierce, president of the National Federation of Federal Employees; and Dr. Richard Lesher, president of the United States Chamber of Commerce.

Business to be conducted during the FMA luncheon meeting will include the installation of Chapter 28's 1981 slate of officers by Curtis Halk, Zone 10 vice president



Litter squad busy

The Naval Weapons Center's twoman anti-litter squad is keeping busy these days as the advance guard for Project Community Pride, an all-out one day effort on Saturday, Jan. 17, that is aimed at ridding the main work site at China Lake of trash and litter.

Arrangements to obtain the services of Mike Cobb and Bob Woolever, the Center's anti-litter squad, can be made by calling Natalie Harrison, the Community Liaison Assistant, at NWC ext. 3481.

Types of work Cobb and Woolever are prepared to handle includes picking up wind-blown trash. They are not, however, equipped to haul off tree stumps, tree limbs, swamp coolers, or similar heavy objects.

from the Long Beach Naval Shipyard. Officers of the local chapter of FMA who

will serve during the coming year are: Dennis Rowell, president; Gale Poppen and Nolan Clawson, first and second vicepresidents, respectively; Donna Gonder, secretary; John Woolridge, treasurer; Ethel Van Dyke, chaplain; Wayne Jackson, historian; Les Saxton, sergeant-at-arms; and Elizabeth Janish, director for a 3-year

#### Film on MX missile concept slated at IEEE meeting Mon.

Presentation of a motion picture on the MX missile concept will highlight the next meeting of the China Lake Section of the Institute of Electrical and Electronic Engineers (IEEE).

The meeting will be held on Monday, from 11:30 a.m. to 12:30 p.m. at the Commissioned Officers' Mess, and the movie will be shown by 2nd Lt. Raymond F. Warriner, USAF, who is a system test and evaluation program manager for the MX Guidance System. Lt. Warriner is stationed at Norton Air Force Base in San Ber-

The film provides information on the cost, advantages and disadvantages of the MX missile system compared with other U.S. missile systems and with systems employed by the U.S.S.R.

CLOSE UP VIEW — This is the latest model of HARM ready for an engineering

development test flight using an Air Force F4-G Wild Weasel aircraft.

#### HARM milestone achieved

(Continued from Page 1)

HARM program sponsor with Capt. Robert Shumaker serving as the Project Manager

for Defense Suppression Systems.

NWC's responsibilities in connection with the HARM weapon system are directed and coordinated by the HARM Technical Management Office (Code 3506) headed by Nadim Totah. These responsibilities include monitoring of the prime contractor (Texas Instruments), technical direction of government furnished equipment contractors for development of fuze, target detector, warhead and propulsion systems, and for conducting missile test and evaluation

MULTIPLE RESPONSIBILITIES

Donald E. Gahn (Code 35062), as engineer-in-charge of the missile flight test and evaluation program, plans the flight tests; coordinates on-Center and off-Center organizational efforts (such as the involvement of Navy and Air Force Operational and Test Squadrons); and also coordinates tests with NWC Range Department personnel and their counterparts at PMTC, Point Mugu. Gahn's chief assistant in handling this multitude of activities is Les Caffee, a technician in Code

Systems Engineering at the NWC HARM Program Office is under the direction of Terry Wilson (Code 35063), who is supported by Cliff Hunter and Mike Schmitt. Systems Engineering supports the development flight test program by advising on requirements and assisting in data analysis.

CONTRACTORS INVOLVED

Texas Instruments, the HARM weapon system integrating contractor, has some 40 employees in Ridgecrest who are involved in this weapon systems development effort. Another of the major component contractors is the Vought Corp., whose local employees have the task of fitting the HARM avionics components into the A-7 aircraft used in the tests. Also supporting the HARM program from the Systems Development Department are Charlie Hill, from Code 3105, and Dave Green, from Code

Flight analysis of the HARM weapons system is done principally by Code 351's George Hoppus, and these reports are examined after each flight by Edna Fujiwara (Code 3514), an analyst, who determines the probability of a "kill" by the

Other employees from the HARM Program Office who help with the flight tests are Bill Maddux and Virgil Christenson. They check the pre-flight telemetering data to determine if everything is functioning properly prior to a flight test. They also analyze the telemetry tapes after each flight to pinpoint the cause of any problems that may have occurred.

Gahn had words of praise for the outstanding effort made in completing the HARM firing test program by the personnel of NWC's G range. Mentioned specifically

were those in the Air Operations Branch (Code 6221), and the Telemetry Operations Branch (Code 6242).

Another of the key personnel involved in the success in the HARM flight tests was Albert E. Farrens, project engineer for HARM at Code 35's Electronic Warfare Test and Evaluation Site.

Involved in flight support for the lengthy series of captive carry flight tests and actual launches of the HARM weapon system were LCdr. Jeff Lehman and Lt. Tom Mariner of NWC, and LCdr. Dave Janiec, of VX-5.

In addition, aircrews from detachments of the Tactical Air Command at George Air Force Base near Victorville launched the HARM weapon system from the F4-G Wild Weasel aircraft.

Cdr. Neil Holben served as test director at the Naval Air Systems Command, while LCdr. Janiec was in charge of the HARM weapon system's operational evaluation, Maj. John Bremmer was in charge of Air Force operational evaluation, and Eugene Federer, of the PMTC at Point Mugu, was responsible for the Navy Technical

Next step in the HARM weapon system test program will be the Navy's technical evaluation of missile launches from Navy aircraft, followed by the Navy operational evaluation that is to be carried out by an independent squadron. In addition, the Air Force will be conducting its own initial operations test and evaluation.

Concurrently, ground tests will be continued in the laboratory. These will include vibration and temperature testing done to simulate flight environment before, during, and after the missile has been launched toward its intended target.

## Retirement system changes to affect annuity pay in '81

Last Friday, President Jimmy Carter signed into law a bill that changes the Civil Service Retirement System and impacts as follows on future retirees:

(1) Employees retiring on or after Jan. 19, 1981, will no longer receive the benefit of the "look-back provision" in the computation of their annuity.

The "look-back provision" allowed annuities to be computed two ways - the annuity was computed as of the actual date of retirement and the annuity was figured as of the day immediately preceding the most recent cost-of-living increase. The retiring employee automatically received the greater of the two computations. This computation will continue to be used until

(2) Effective immediately, the amount of all future cost-of-living increases will be pro-rated based on the length of time an employee was retired prior to a cost-ofliving increase taking effect.

For example, employees who retire this month will receive one-half of any cost-ofliving increase becoming effective next March; employees who retire on Feb. 28, 1981, will receive none of the cost-of-living increase on March 1, 1981.

Anyone having questions about retirement may contact their Personnel Management Advisor or Nancy Cleland, who can be reached by calling NWC ext.

#### Next ROCKETEER will be final issue in '80

The ROCKETEER to be issued next Friday, Dec. 19, will be the final publication of the year. The Center newspaper will resume publication in 1981 with the issue dated Jan. 9.

In view of this, all clubs, organizations and other groups interested in publicizing special holiday activites are reminded to submit their information to The ROCKETEER office no later than Tuesday, Dec. 16, and earlier if possible.

#### **AZAN Tommy Herron** selected as VX-5's Sailor of Month

Aviation Maintenance Administrationman Airman Tommy J. Herron was selected as Sailor of the Month for October by Air Test and Evaluation squadron Five (VX-5).

In a letter of commendation to AZAN Herron, Capt. N. B. Nash, Commanding Officer (acting) of VX-5, commended his outstanding professionalism, devotion to duty, exemplary military appearance, and cheerful attitude in the performance of his

The letter continues, "Filling a position usually held by a senior petty officer, you maintained a less than one percent documentation error rate during August and September 1980, the lowest in the LATWINGPAC community, thus continuing the squadron's position as number one."

It concludes, "Your energetic performance, attention to detail and 'Can-Do' spirit have contributed significantly to the Maintenance Department and the accomplishment of the Command's mission."

AZAN Herron enlisted in the Navy 16 months ago from his home town of Oglesby, Ill., in order to save money for a college education, to "grow up a bit," and to see something of the world. He will get his wish for travel shortly; he is being transferred to VS-32 located near Jacksonville, Fla., before Christmas. A fringe benefit of the transfer is that he'll be able to spend the holidays with his parents en route to his new duty station.

He won't, however, be able to continue one of his favorite hobbies-raising tropical fish-because of the move. His other hobby of listening to rock music can be carried on regardless of his location.

AZAN Herron started a college class while at China Lake, but will not be able to complete the course. He intends to enroll in classes whenever possible, looking forward to eventually getting a degree in data processing or business

As VX-5 Sailor of the Month, AZAN Herron 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 name will be displayed along with those of other Squadron Sailors of the Month.



HANDS ACROSS THE SEA-Col. Dimitrios Apostolakis, Greek Air Force and Base Commander of the NATO Element at Araxos Air Base in Greece, greets Maj. James Serpanos, commander of the 445th Civil Engineering Squadron, U.S. Air Force Reserve. Maj. Serpanos' unit was the first Air Force Reserve Squadron to deploy to Greece for its two-week annual training tour.

## Local AF Reservists deploy to Greece for 2 weeks of training

Reserve, went to Greece this year; Prime BEEF is the acronym for Base Engineer Emergency Force, an Air Force version of the Navy's Seabees.

The 445th Civil Engineering Squadron, based at Norton Air Force Base, is commanded by Major James Serpanos, a mechanical engineer in Thermal Structures Branch of the Ordance Systems Department. Other local members of the team of weekend warriors are Staff Sgt. Don D. French and Airman 1st Class James Miller.

During its two week deployment to Greece, 130 personnel in the squadron spent in excess of 10,000 man-hours in renovating and repairing facilities used by U.S. Air Force personnel at the NATO Bases of Hellenikon Air Base, Araxos Air Station, and Iraklion Air Station.

Despite the mammoth amount of work accomplished, each of the men and women of the reserve unit was able to spend some

Prime BEEF in the form of the 445th Civil time exploring the countryside of Greece Engineering Squadron, U.S. Air Force and meeting the very hospitable natives in the area.

Major Serpanos says that the members of the unit can expect an overseas trip every third year. In 1977, the unit made a trip to Japan. The unit meets one weekend per month in San Bernadino, and then deploys elsewhere for its two-week annual active

Personnel having a variety of specialized skills are still needed; anyone who is interested in joining the 445th Civil Engineering Squadron in the Air Force Reserves may contact Serpanos by calling NWC ext. 3340 for further information.



## Fed'l life insurance program changes announced

President Jimmy Carter recently signed into law a bill (Public Law 96-427) that will result in some major changes in the Federal Employees Group Life Insurance Program. Most of the changes will become effective in

The amount of basic life insurance available to each eligible employee under age 45 will be increased commencing with the first pay period which begins on or after Oct. 1, 1981, at no additional cost to the employee. The increase will be graduated according to the employee's age.

Employees under age 36 would be eligible for regular insurance coverage in an amount equal to their annual salary rounded to the next higher thousand dollars plus \$2,000, multiplied by 2. Beginning at age 36, the multiplication factor for the amount of regular insurance would decline by .1 each year, until it reaches 1.0 for employees age 45 and over.

To offset the cost of increasing the amount of "regular insurance" for employees under age 45, employees who become eligible after 1989 to retire and continue the regular insurance coverage into retirement will continue to pay premiums for unreduced coverage until they reach age 65. At present, retirees pay no premiums for regular insurance and are fully covered until age 65.

Since optional retirement is available at regular life insurance coverage after 2592.

retirement has the effect of raising overall program costs in a way that unfairly discriminates against younger employees.

P.L. 96-427 provides that within 60 to 180 days after enactment, employees shall have the opportunity at the time of retirement to elect a lesser reduction in the face amount of their regular insurance after age 65. OPM is attempting to provide employees who retire 60 days after enactment of the law the opportunity to make such a selection.

Annuitants must pay premiums in return for this lesser reduction in the amount of the insurance converage after age 65. The premiums and alternative reduction levels have not yet been finalized by OPM.

OPM also believes that a soon-to-becompleted actuarial valuation of the Federal Employees Group Life Insurance (FEGLI) Program may indicate that some reduction in the premiums for the existing regular and optional insurance is appropriate. Considerable work remains to be accomplished in setting the premiums for the two new forms of optional insurance and the premiums for future retirees who elect a lesser reduction in the face amount of their regular insurance after attaining age 65.

OPM plans to issue a series of bulletins and letters to Federal agencies and employees as the implementation of the new

Naval Weapons Center employees who age 55 and other retirements at even earlier have questions about the FEGLI program at the rate of 2 percent of the face value per ages, the present provision for continuing can call Nancy Cleland at NWC ext. 2018 or

A second revision to the existing law permits eligible employees to purchase additional optional life insurance which will be available in multiples of one to five times the annual pay of the employee (rounded to the next higher thousand). This additional optional insurance will be available to all employees who have regular insurance within six months of enactment of Public Law 96-4227.

Employees will also be permitted for the first time to purchase life insurance on their family members. This second new optional insurance package provides employees \$5,000 upon the death of the employee's spouse and \$2,500 on the death of any unmarried dependent child under age 22.

The costs of these two new forms of optional insurance will be borne entirely by the employee but preliminary indications are that the premiums will be competitive with similar group policies in the private sector. The Office of Personnel Management (OPM) will announce an open season, during which employees may elect. regular insurance and the various forms of optional insurance, next year.

A third major revision to the existing law affected by P.L. 96-427 will permit employees who retire on or after Dec.9, 1980, to choose a lesser reduction in their postretirement regular insurance coverage. Currently, regular insurance for annuitants begins to depreciate after they attain age 65 month, down to a minimum of 25 percent of the amount in force upon retirement.

## Police

reports . . .

December 12, 1980

Theft of a flight jacket and some keys having a total value of \$100 was reported to China Lake police by a Navy man assigned to duty at Armitage Airfield.

The missing jacket was stolen from the Support Equipment Shop, a small building located near Hangar 1.

**AUTO BATTERY STOLEN** 

An automobile battery valued at \$45 was reported stolen from a government vehicle left parked overnight on Thursday, Dec. 4, on the south side of the Housing Building. 2 MORE BIKES MISSING

Unlocked bicycles continued this week to be a favorite target for thieves, according to reports on file at the China Lake police station. Two bicycles, valued at \$30 each were reported missing. One was taken from the front lawn of a residence in the Capehart B housing area, while the other was taken at midday from a parking place outside the bowling alley.

GRAND THEFT OF TOOLS

A grand theft incident involving the loss of \$250 worth of tools and a tool box was reported Monday by a contractor employee. The theft victim had been working on an aircraft housed in Hangar 3 at Armitage Airfield.

#### VANDALISM REPORTED

Two acts of vandalism were reported on Saturday to China Lake police. In the first incident, the occupant of one of the trailers at the Navy trailer park on South Richmond road notified police that an estimated \$75 damage was done to his car by someone with a sharp instrument who had made several long scratches on the side of the car.

Shortly before 11 p.m. last Saturday, a China Lake police officer on patrol noticed that windows had been broken out of a telephone booth set up at the car pool parking lot located at the intersection of South Richmond Road and East Ridgecrest Blvd. Continental Telephone Co. estimated the loss at \$50.

JACKET DISAPPEARS

Police were notified shortly after midnight Sunday of the disappearance of a jacket, valued at \$117, from the cloak room of the Chief Petty Officers' Club. The owner had been attending a party at the CPO Club and couldn't find the jacket when he left the

DOGNAPPING OCCURS Theft of a golden retriever dog, valued at \$250, was reported Tuesday to China Lake police by the owner of the dog, who lives in the JOQ housing area on Center.

#### Open gate . . . (Continued from Page 1)

Service employees who need access on a continuing, frequent basis to Armitage Airfield (Area A) or the north range (Area R) in order to pick up spouses or other

These passes will be issued based on need, such as in the case of a family with one car that must be used to provide transportation for a military man or woman or civilian employee to and from a work site located within a restricted area.

Military dependents will have a special decal affixed to their dependent's identification card in lieu of issuing a separate controlled area access pass.

Action to obtain a special area access pass or (in the case of military dependents have a special decal affixed to their ID card) can be initiated by having the sponsor (military person or civilian employee) contact the security coordinator in the military division or shop or civilian department to which the sponsor is

In order to allow for any unforseen problems that might occur in changing to this system of controlling access to restricted areas by those who are neither military personnel or NWC employees, the present valid area access passes will continue to be honored for a three-week grace period after the new system goes into effect on Dec. 15.



Dr. James H. Probus

#### Dr. James Probus takes new position in Washington, D.C.

Dr. James H. Probus, who has served for many years as both Director of Navy Laboratories (DNL) and as the Assistant Deputy of Chief of Naval Material for Laboratory Management (MAT-08L), on Dec. 1 assumed a newly established position in Washington, D.C.

Dr. Probus is now the Special Assistant for Programming, Budgeting, Analysis and Congressional Support to the Assistant Secretary of the Navy (Research, Engineering and Systems).

His former ADCNM functions are being handled by Capt. D. F. Parrish, USN, who previously served as Deputy Director,

Throughout his lengthy tenure as Director of Navy Laboratories, Dr. Probus made a number of vists to the Naval Weapons Center to keep abreast of on-going programs here and provide information to Center management on developments in the nation's capital that affected the Navy's research and development efforts.

#### Assessments due from GEBA, CLMAS members

Assessments are now due from members of the Government Employees benefit Association and the China Lake Mutual Aid Scoeity following the recent death of Fay Jones. This is assessment No. 517.

The deceased, a former employee of the NWC Public Works Department, died recently in Ridgecrest at the age of 50.

The collection of assessments is being handled Larry Mason, GEBA and CLMAS treasurer. They can be mailed to him at P.O. Box 1559, Ridgecrest, Ca. 93555.

RANGE COMMANDERS MEET - Acquaintances were renewed and the op-

portunity was provided for informal discussion prior to getting down to business at

the Range Commanders Council (RCC) meeting held here last week. In addition to

NWC, a dozen other Army, Navy, and Air Force installations that are in the test

range business are included in the RCC. In the upper photo, Bob Hillyer, NWC

Technical Director, is flanked by Rear Admiral S. H. Baughman (at right),

Commander of the Pacific Missile Test Center, Point Mugu, and Rear Admiral I.

W. Linder, USN (Ret.), Director of Defense, Test and Evaluation from the Office

of the Secretary of Defense, who was a special guest at the meeting. Looking on at

left is W. R. Hattabaugh, head of the NWC Test and Evaluation Directorate. In the

lower photo are (I. to r.) Major General P. J. Conley, J. F. Lynch, and Brigadier

General R. E. Chapman. General Conley is Commander of the Air Force Flight

Test Center at Edwards AFB; Lynch is Technical Director of the Naval Air Test

Center, Patuxent River, Md.; and General Chapman is Deputy Commander of the

Armament Division at Eglin Air Force Base, Florida.



ROCKETEER

By NWC Fire Division

Fire losses during the holiday season are especially heartrending. Most of the residential fires that occur during the holidays are preventable. The NWC Fire Division has the duty to remind residents of the special hazards of this time of year and to help them have a happy, fire safe holiday

LIGHTS

Christmas tree lights and other decorations set the theme for the Christmas holidays. Here are some very important points to remember when using them.

Use only lights that have been tested for safety. Identify these by the UL Label from Underwriters' Laboratories.

Check each set of lights for broken or cracked sockets, frayed, or bare wires, loose connections. Discard any of this equipment that you deem unsafe.

Use no more than three sets of lights per single extension. Read manufacturer's instructions carefully and do not use more than the recommended number of lights in one circuit.

Always turn off lights on trees and other decorations when you retire or leave your home. A short circuit in any of this equipment could cause a fire.

Never use electric lights on a metallic

Holiday tree. Damaged insulation in lighting on a metallic tree could cause the entire tree to be charged with electricity. To avoid this danger, use colored spotlights above or beside a metal tree, never fastened onto it. Keep children away from light sets and electrical decorations. All lights present the

Exterior decorative lighting of buildings on Center, including family and bachelor housing, will not be permitted, in the interest of conserving electricity.

problem of shock and casualty hazards for

PAPER

The opening of Christmas presents is always a special time during the holidays. Take special precautions when disposing of the wrappings.

Always dispose of wrappings immediately after opening

Place trash in a metal container. DON'T burn wrappings in the fireplace; they may ignite suddenly, and cause a flash fire. TREES

Artificial trees (plastic) should bear the UL Label. Some unlabeled plastic trees burn with extreme vigor.

Do not rely on chemical coatings of sprays to make your live evergreen flame resistant. Follow the safety rules below when shopping for a natural tree.



Several changes are planned in Civilian Health and Medical Program of the Uniformed Services (CHAMPUS)claim forms and filing procedures that are designed to improve accuracy in initial claims submission, thus reducing the number of claims that have to be returned.

Revised versions of forms used by the American Medical Association and the American Hospital Association will be used when the provider of medical services fills out and submits the claim. These forms, already widely used by the medical professions will be used for other government programs as well as CHAMPUS and are expected to greatly simplify claim filing procedures for physicians and hospitals.

When a beneficiary submits the claim, one form, a revised version of CHAMPUS Form 500, will be used for all CHAMPUS claims - for services of both individual and institutional providers and for benefits under the CHAMPUS Program for the Handicapped. The form requires completion of only eligibility information and the attachment of the provider's itemized

In California, CHAMPUS claims are to be filed with Blue Shield of California, P.O. Box 85020, San Diego, Calif., 92138.



A fresh tree will stay green longer and be less of a fire hazard than a dry tree. To determine freshness, remember to check for color and scent. A fresh tree is deep green in color and has a strong scent of pine. Be sure that the needles do not readily fall

from the tree. The trunk butt of a fresh tree should be

sticky with sap. Place your Christmas tree in a location away from fireplaces, radiators, or other

heat sources. Be sure that it is out of the traffic pattern and does not block doorways. Cut off about 2-inches of the trunk. Mount tree in a sturdy water-holding stand with wide-spread legs. Be sure that the tree is

Fill base holder with water. Keep it full of water while the tree is indoors (as you would fresh flowers). Remember, heated rooms dry trees out rapidly; and a dry tree is a fire hazard.

Your fireplace is a source of warmth and heat. Before starting your fire, be sure to remove all paper decorations and boughs from the immediate area. BE SURE THE FLUE IS OPEN. NEVER set up your Christmas tree near the fireplace; this a potential fire hazard.

Use a screen to enclose the front of your fireplace to confine live embers and sparks to the fire box.

CANDLES

Never use lighted candles on a tree or near other evergreens. Always use non-flammable holders.

Keep away from other decorations, wrapping paper.

Place candles where they cannot by knocked down or blown over.

#### TRIMMINGS

The trimming of your Christmas tree is a very important part of your holiday festivities. Keep the safety of your family in mind when selecting trimmings, and decorating your tree.

When choosing the finished touches for the tree, purchase tinsel or artificial icicles of non-leaded material. Leaded materials may be hazardous if eaten by children or

If youngsters are a part of your family, take special care to: avoid any decorations that tend to break easily, or have sharp edges; keep tree trimmings that are small, or have removable parts, out of the reach of your child because these pieces may be swallowed; 'don't purchse ornaments that resemble candy or foods for a small child may try to eat them.

When we think of Christmas and the holidays, most of us think of family, friends children, presents, tree trimmings, lights and candles. Keep the idea of "safe" as well as "happy" in mind when you are preparing for the holidays.

In buying children's toys, check for sharp edges and points that could hurt children. Always buy the gift for the age of the child. An example, some children have

been injured on a bicycle too large for them. If there are other smaller children in the family, consideration should be given to the kind of toys purchased that might prove harmful for the smaller child; an example of this might be beads for stringing that

could be swallowed. Any toys utilizing electricity should have adult supervision when they are being used.