



COLORING CONTEST WINNERS — Entries by these five children were among the winners in the Turkey Day Coloring Contest sponsored by the NWC Recreational Services Department.

All hands at NWC invited to Christmas party Dec. 14 at EM

Everyone at China Lake is invited to attend the NWC all hands Christmas party that will be held at the Enlisted Mess on Friday, Dec. 14.

The evening will begin with a social hour from 6 to 7 o'clock, after which a three-meat buffet dinner will be served.

Following dinner, the band will play for the dancing and listening pleasure of partygoers. The door prizes will be given away throughout the evening.

Tickets for the evening, including dinner, are \$5 for enlisted personnel and their guests, and \$8.50 per person for officers, civilian employees, and their guests.

Appropriate dress for the all hands Christmas party is informal civilian attire, with the exception that blue jeans and cords are banned.

Hobby Shop offers class in making porcelain dolls

A class in making porcelain dolls will begin tomorrow morning at the Recreational Services Department's Craft and Hobby Shop.

Class sessions are scheduled tomorrow from 10 a.m. to 4 p.m.; on Tuesday and Thursday, Dec. 11 and 13, from 6 to 8 p.m.; and the course will be completed on the evening of Dec. 18.

Mary Burchett is the instructor of this class, which is open to anyone 18 years of age and over.

The registration fee is \$10 for military personnel or their dependents; \$12 for DoD civilians and their dependents; and \$16 for others.

Additional information can be obtained by calling NWC ext. 3252.

Santa's arrival by helo will highlight kids' party at VX-5

A Christmas party for the children of Air Test and Evaluation Squadron Five (VX-5) personnel will be held on Saturday, Dec. 15, starting at 2 p.m. in Hangar One at Armitage Airfield.

Highlight of this event, which is being arranged by the VX-5 Wives Club, will be the arrival of Santa Claus in a helicopter. Plans call for games, refreshments, and singing Christmas carols.

Reservations that are required to attend this party can be made by calling Pam Stolle, phone 446-3732, no later than Monday, Dec. 10.

Capt. K. A. Dickerson to air his views on readiness of U.S. Navy

A rebuttal to recently-published remarks down-grading the readiness of the Navy to handle its mission in wartime will be the main theme of a talk to be presented at the next meeting of the Indian Wells Valley Council of the Navy League.

The meeting, which is open to the public, will be held on Thursday, Dec. 13, at El Charro Avitia restaurant in Ridgecrest, and the speaker will be Capt. K. A. Dickerson, NWC Commander.

A social hour starting at 6:30 p.m. will precede the group's 7:30 dinner, and the program, featuring the talk by Capt. Dickerson, will follow.

The price of the dinner is \$6.50 per person. Menu selections include the choice of chimichanga, taco salad, or a combination

MOVIES schedule listing films like 'Gremlins', 'The Lonely Guy', 'Tank', and 'Philadelphia Experiment' with showtimes and ratings.

Navy Exchange plans varied sales events for holiday season

The Navy Exchange is gearing up for the holiday season with several sales. From now until Dec. 15 there will be a big savings to purchasers of retail merchandise such as telephones, radio cassettes, and clocks.

On next Thursday, Dec. 13, the NEX has scheduled a Customer Appreciation Day offering price reductions of ten percent on all retail merchandise. As an added attraction, door prizes will be given away and refreshments will be available.

As a benefit to NEX patrons, a giftwrapping booth will be manned during the Christmas season in a wooden building located in front of the NEX. The hours of operation for the giftwrapping service will be Monday through Wednesday, and Friday, from 10 a.m. to 5:30 p.m.; Thursday, 10 a.m. to 6:30 p.m.; and Saturday from 9 a.m. to 3:30 p.m.

United Parcel Service will be operating a personalized service center at the NEX during the same hours that the giftwrapping service is in operation.

The NEX garden shop now has fresh cut Christmas trees that were delivered today, and an automotive sale will begin next Thursday, Dec. 13, and continue through Dec. 15.

Disneyland offers holiday rate for active duty military

Active duty military personnel, their families, and friends will have the opportunity to enjoy the unlimited use of the many and varied attractions at Disneyland while "Military Days" are in force at the Magic Kingdom from now until Dec. 24.

Admission to the park costs \$10 for a "Military Days" ticket purchased in advance from the Recreational Services Department's Information, Tour and Ticket Office at the Community Center.

Park operating hours in December will be 10 a.m. to 6 p.m. Wednesdays through Fridays; 10 a.m. to 7 p.m. Saturdays and Sundays (Dec. 8 and 9); 10 a.m. to 10 p.m. Saturday and Sunday (Dec. 15 and 16); and 10 a.m. to midnight Saturday and Sunday (Dec. 22 and 23).

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December 7, 1984
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NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

In aftermath of Aug. 15 flood, major task of restoring water-soaked documents in lab basement undertaken

When the floodwaters were pumped out of the Michelson Laboratory basement last August, the library storage area belonging to the Technical Information Department fit any definition of a disaster area.

Soggy documents drooped on shelves, hung over the tops of ceiling pipes and fixtures, and swam in the remaining few inches of water on the floor.

Today, thanks to the dedicated efforts of a hardworking crew and to technology developed when other libraries were flooded, the majority of these documents are well on their way to once more being usable.

At the time of the flood, about 90,000 documents were located in the basement facility.

Salvage efforts began as soon as the water had been pumped to about 6 or 8 inches deep, with volunteers from throughout the Center sloshing through the muck to carry the sodden papers and books out, box them, and move them into freezer units.

As soon as library personnel realized that their storage area was under water, Joe Burge, head of the Library Division, and Alice Pastorious, a reference librarian who had assisted as a volunteer in rescuing documents in the Florence, Italy, flood of 1966, started phoning to the Library of Congress and to Stanford University Library for advice about how to salvage the sodden materials.

They were advised to get the wet books and papers into freezers as quickly as possible to prevent further deterioration. Freezer space was volunteered throughout the Center, but even that was not enough, so freezer trailers were promptly leased for document storage.

The dedication of the volunteer "muckers" was extreme, says Burge, considering that outside temperatures were running about 105 degrees, no air conditioning was on inside, and the odor of mildew grew stronger by the hour.

All the documents in the freezer trailers were moved to a secure area on the ranges until a contract could be let to a contractor who had the necessary skills and portable equipment for vacuum drying the materi-

als. Since between 25 and 30 percent of the documents were classified, a 24-hour guard was posted over the materials and the same vigil will be kept until the restoration work is completed.

Document Reprocessors of San Francisco, the successful bidder for the restoration contract, moved in two portable vacuum chambers to the secured area where the refrigerated units full of wet

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CONDITION OF DOCUMENTS CHECKED — Bob Keyser and Sigrid Bethke check the condition of newly dried documents to determine whether they are salvageable.

CNM commends all Centerites involved in lab cleanup job

Admiral S. A. White, Chief of Naval Material, had glowing words of praise recently for all hands who were involved in the cleanup of Michelson Laboratory following the damaging flood that hit the Indian Wells Valley in mid-August.

In a letter addressed to Capt. K. A. Dickerson, NWC Commander, the CNM wrote: "I have not heard of a better example of superb teamwork and performance in the face of adversity than the case of the severe flooding at China Lake.

"The speed and thoroughness of your people's actions during the flooding and the painstaking clean-up which followed are terrific examples for all to see.

"Burrell Hays and yourself provide the superb leadership which kept the Center going and enabled resumption of full operation quickly. Obviously, your people did all that you asked. Please extend my admiration and appreciation to all those who deserve it.

"Well done!" Expressing his own thoughts on the matter, Capt. Dickerson added: "Each of you did all and more than I asked in the recovery effort. You are truly professionals in your own field, and I am proud to be your Commander."

Information Systems Gp. formed; has vital role in future of NWC

The Information Systems Group, Code 14, has been formed at NWC to help effectively and efficiently bring the Naval Weapons Center to the forefront of information technology and its ever-expanding applications.

The organization, headed by Bill Ball, is the fourth staff department; others are the Office of Finance and Management, the Personnel Department, and the Weapons Planning Group. The role of each staff department is so broad that it encompasses work in all three directorates.

The Center has been increasingly involved with computers and information systems for the past three decades. As technology has evolved and continues to do so, and as information systems have pro-

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HOSE CHECKED — Bob Hunter tests the tightness of the hose through which hot water will flow once the document boxes are loaded into the vacuum tank. The heat will cause the water in the documents to be driven off in the form of steam.



ORGANIZING SUPPLIES — Jim Blair, who heads the local Salvation Army unit's food cupboard program, watches as Don Bell, another volunteer, counts the number of cans left in a case of the food stored by Salvation Army to be given to qualified applicants.

Salvation Army meets big range of needs in Indian Wells Valley

Among the widest range of services offered by any Indian Wells Valley United Way agency is that provided to local residents by the Salvation Army. This agency, headed locally by Thom Boggs, maintains a food cupboard, provides money for shelter to people without shelter, assists with utility payments, and helps with medical, dental and optical needs for those who have nowhere else to turn.

Transients who check first with the Ridgecrest Police Department (a requirement for assistance to any transient by both the Salvation Army and the Indian Wells Valley Ministerial Fellowship) have also received help with meals, shelter and gasoline.

State and national services provided include aid that can be provided by the Missing Person's Bureau, homes for unwed mothers, alcohol rehabilitation, and disaster relief where Salvation Army teams remain in the stricken area with tangible assistance until the problem is resolved.

Referrals to the Salvation Army come from Child Protective Services and welfare workers, the police, and other local agencies that are unable to aid those in need. By verifying need with other agencies, duplication of efforts is avoided.

During the period from Oct. 1, 1983, through Sept. 30, 1984, 196 persons received food from the local Salvation Army food cupboard. The food is nutritional canned and dried food, based on menus worked out by a nutritionist. By following these menus, a person can eat adequately at a cost of about \$15 for one to two weeks.

Direct payment to landlords for shelter was provided in 104 cases locally last year. This does not include deposits, which Salvation Army does not cover.

Direct payment to a utility company for a month's utilities helped another 65 local individuals. (The telephone company is excluded from utility payments.) Again, Salvation Army does not pay any deposits.

Twenty-nine individuals received help with medical, dental, and optical services, including prescriptions. The Salvation Army

does not pay for hospitalization.

Transportation help was given to three persons. If We Care is unable to assist with transportation, Salvation Army has been able to do so. Transportation help has included bus tickets to the Alcohol Rehabilitation Center in Bakersfield.

Help to transients — which generally includes assistance to move on to either Bakersfield or Los Angeles where a wider range of employment opportunities exist — is also provided by arrangement with the supplier. For instance, a service station would be called and asked to provide gasoline and the Salvation Army pays the station owner.

About 60 percent of the money in the Salvation Army budget is expended on services rendered directly in this area, with the rest divided between an assortment of services provided nationally (such as the homes for unwed mothers, alcohol rehabilitation units, and missing person searches) and disaster relief.

Disaster relief includes providing food, clothing, shelter, fuel, dishes, or whatever else is necessary to assist those afflicted to once more become self-sufficient. Following the Coalinga earthquake of May 2, 1983, Salvation Army volunteers and staff were on duty at Coalinga until November of that year.

Questionnaires on housing due from military personnel

All military personnel who are living in family housing on the Center are asked to turn in their Military Family Housing questionnaires promptly if they have not already done so.

Anyone who has misplaced the questionnaire can fill out the paper at the Housing Office on Blandly across from Solar Park.

Data from this questionnaire is used for a variety of programs, such as child care. Getting all questionnaires turned in is essential.

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 505 Blandly. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. PC-002, Procurement Clerk, GS-1105-5, WESTNAVFACENGCOM at China Lake — Responsible for the clerical processing of documents pertinent to the administration of contracts. Elements: Knowledge of procurement regulations, procedures and guidelines; Abilities - research and interpret procurement and contracting regulations, procedures, and guidelines; organize, retrieve and record data; provide clerical support to an office. Status eligible may apply. For additional information contact Yeoman Lampan, Western Division, Naval Facilities Engineering Command, P. O. Box 727, San Bruno, CA 94066 (Attn: Code 09G), ph. 415-877-7158 or AV 859-7158.

No. 08-069, Lead Mail & File Clerk, GS-305-4, Code 0822 — Responsibilities include the direction of the processing of incoming and outgoing mail. Job Elements: Ability to lead; ability to comprehend a variety of documents to be identified, categorized and distributed; ability to plan and organize work and establish priorities; ability to meet and deal effectively with others.

No. 08-070, Audit Assistant, GS-503-5, Code 8907 — Incumbent performs technical audit duties, surprise counts of the cash funds and supporting documents, prepares letters of report on all cash counts, participates in inventories, and performs other audit duties as specified. Job Elements: Ability to work with figures; ability to maintain a high level of accuracy in work requiring close attention to detail; ability to convey information both orally and in writing. Potential to GS-7.

No. 08-071, Supervisory Management Analyst, DP-343-3/4, Code 082 — Coordinates and directs the efforts of the Management Division including Records Management; Mail, Files and Records; Management Processing; Management Analysis; and Plans and Programs. Provides Center Management and other key management officials with management staff services including staff advice, consultation assistance. Provides a close direct interface between the staff of the Director of Navy Laboratories, and the Center. Participates in and provides leadership to the Management System community within the Navy Laboratory system on issues affecting the Navy Laboratory System. Job Elements: Ability to communicate and negotiate effectively with individuals at all organizational levels; ability to coordinate and direct the work of personnel and other organizations such as CNO, NAVAIR, NAVAUDIT, and NAVFAC; knowledge and experience in managing, coordinating or supporting externally imposed programs such as SHORSTAMPS, Efficiency Review and Commercial Activities Program.

No. 14-018, Interdisciplinary General/Mechanical/Electrical/Computer Specialist, DP-855-2/3, Code 3384 — Incumbent will be responsible for the design and implementation of data acquisition systems for test programs concerned with weapons, stores, and survivability designs and equipment in existing and planned aircraft. perform field and laboratory tests and resulting data reduction and assessment; design and implementation of test specimen control systems; provide direct technical support of facility designs and improvements. Job Elements: Knowledge of mini/micro computer programming and applications; knowledge of instrumentation techniques and equipment; knowledge of video systems and equipment. A knowledge and/or familiarity with military aircraft, jet engine propulsion systems, and ordnance systems is desirable.

No. 36-187, Model Maker, WG-7114-4, Code 3645 (Multiple vacancies) — Located in the SAF Model Shop Branch, responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Duties include planning, laying out, modifying, fabricating, and assembling complete models per detailed instruction. Fabricating processes require (Continued on Page 7)

No. 36-188, Equipment Specialist (Missile), DS-1670-3, Code 3661 — Responsible for reviewing Missile Systems Engineering Change Proposals; preparing impact reports in the areas of logistics, operational procedures, supply support and validation of incorporation into Harpoon Tech Publications; evaluates Quality Deficiency Reports and provides recommended solutions through the AWCAP system. Elements: Knowledge of military tactical missile and/or aircraft systems and associated ground support and test equipment; of missile/aircraft maintenance procedures; of training and data analysis of military organization and Chain-of-Command. Abilities: to communicate effectively both orally and in writing.

No. 36-190, Model Maker, WG-7114-4, Code 3646 — Responsible for projects in computer aided machining (CAM) including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Elements: Abilities: to do the work of the position without more than normal supervision; to do the theoretical, precise, and/or artistic work of a trade; to use shop drawings; to use hand tools for machine shop; to measure and layout. Knowledge: of pertinent metals. Supplemental required.

No. 39-087, Interdisciplinary (Electronics/Mechanical/Aerospace Engineer), DP-830/855/861-2/3, Code 3908 — Incumbent will provide technical support for interface of the Sparrow with various launch aircraft and the Seasparrow system and for ordnance systems. Technical interface is required with NWC task managers, NAVAIR/NAVSEA sponsors and contractor representatives. Job Elements: Knowledge of weapons systems acquisition, including design, test and evaluation; ability to work well with people at all levels; ability to independently organize plan and follow through on required effort; ability to communicate effectively both orally and in writing.

No. 39-088, Technical Publications Writer/Editor, DA-1083-2/3, Code 390E — Located in the Advanced Projects Office, Weapons Department. Incumbent determines requirements/schedules for management planning documentation and detailed technical reports. Assists in organizing, identifying and developing appropriate input material. Writes/edit/reviews, as required, to ensure accuracy, consistency and adequacy. Provides suggestions/guidance on content, structure and appropriateness of projects documentation. Job Elements: Knowledge of the English language, grammar, spelling, use of abbreviations, and proofreading techniques; ability to work accurately under pressure of deadlines.

No. 39-090, Mail/File Clerk, GS-305-3/4, Code 3902 — Incumbent processes mail, distributes messages, serves as alternate CCP, maintains files and office machines in the Code 39 mailroom. Job Elements: Knowledge of the department organization, postal regulations, filing systems; ability to operate and maintain mailroom equipment.

No. 39-096, Clerk-Typist, GS-322-4/5, Code 3907 — Incumbent provides clerical support to the Cruise Missile Program Office. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas; ability to operate IBM Displaywriter is highly desirable.

No. 39-091, Computer Specialist, DS-344-1/2, Code 3902E — This position is the Data Base Administrator for the Weapons Department Management Information System. Designs, develops, loads, updates and maintains financial, personnel and procurement data bases. Interfaces with all levels of department management in planning, coordination and implementing data base information. Provides routine and ad-hoc reports; briefs others on the management information system. Job Elements: Knowledge of system 2000 language; UNIVAC executive control language; 98 financial data; personnel data base. Skills — using system 2000 to maintain data; using UNIVAC control language to maintain files. Abilities — to deal with all levels of personnel; communicate effectively.

No. 62-41, Electronics Technician, DT-856-1/2/3, Code 6240 (2 positions) — Incumbent will be responsible for the integration, operations, and maintenance of Communications Security (COMSEC) equipment. Coordinates with all range activities to assure COMSEC systems availability, configuration, and operability necessary to support daily operations. Assists in the development and implementation of planned COMSEC systems, and the preparation of operational and security procedures for those systems. Job Elements: Basic electronics background in digital/analog circuitry with experience in test equipment/troubleshooting techniques; ability to develop and interpret schematics and engineering drawings; ability to communicate effectively, both verbally and in writing; willingness with personnel at all levels; and communicate effectively. Status eligible accepted.

No. 06-100, Management Analyst, DA-343-1/2/3, Code 0625 — Provides support and conducts analysis for manpower and organizational studies. Supports the branch's corporate planning activities by coordinating and building the financial data base for the Center's 5-year plan and providing related analysis. Elements: Knowledge of financial analysis methodology/budget process; financial data base management; and manpower loading. Ability to plan, schedule, and coordinate work; work independently; gather and analyze financial and workload data; deal effectively with personnel at all levels; and communicate effectively. Status eligible accepted.

No. 06-104, Interdisciplinary Supervisory Physicist/Electronics/Electrical Engineer, DP-1310/855/830-3, Code 1422 — Incumbent will perform as head of Communication Technology Branch responsible for planning, coordinating, and implementing integrated voice, data, and video communication systems and networks. Duties include: analysis/review of user requirements; development of functional and performance specifications; procurement of hardware and software systems; conducting experiments; recommending computer system architecture; and conducting fabrication and acceptance testing. Job Elements: Ability to supervise and lead multidisciplinary team; experience in integrated voice, data, and video communication systems; ability to plan, schedule, and coordinate work as part of major project; support of NWC EEO policies and goals; experience in formalized hardware and software design, documentation and maintenance standards and practices. Promotion potential to DP-4, however, promotion is subject to review and approval of Center management. Previous applicants need not reapply.

No. 06-100, Management Analyst, DA-343-1/2/3, Code 0625 — Provides support and conducts analysis for manpower and organizational studies. Supports the branch's corporate planning activities by coordinating and building the financial data base for the Center's 5-year plan and providing related analysis. Elements: Knowledge of financial analysis methodology/budget process; financial data base management; and manpower loading. Ability to plan, schedule, and coordinate work; work independently; gather and analyze financial and workload data; deal effectively with personnel at all levels; and communicate effectively. Status eligible accepted.

No. 32-144, Secretary (Typing), GS-318-3/4, Code 3212 — Provides secretarial support to the Radio Frequency branch head and branch personnel.

BHS girls' cagers lose to Bakersfield High Drillers 37-25

Forecasts that the Burroughs High School varsity girls' basketball team will be in for a tough time throughout the 1984-85 season proved accurate during the Burros' season opener — a 37-25 loss to Bakersfield High on Tuesday night at the local high school gym.

In a low-scoring contest that was loosely played by both teams, the visitors from Bakersfield averaged a point a minute to move ahead by a score of 8-4 in the first period of play.

Field goals were few and far between as the game progressed in the second quarter. With three minutes left to play before halftime, the Burros closed the gap on Bakersfield and tied the score at 10-10 on two free throws by Donna Russell.

The Burros cashed in on three more charity tosses — two by Mary Cronkhite and one by Stephanie Rainwater — as they cut the Drillers' lead to 14-13 at the half.

The Ridgecrest team's scoring chances were dimmed in the third quarter, when Lynn Elder, lone returnee from last year's team who had been chalking most of the field goals hit by the Ridgecrest squad, drew her fourth foul and was benched.

The BHS girls were outscored 12-6 in the third period of play and 11-6 in the fourth quarter as the visitors from Bakersfield picked up the pace a bit in the scoring department to win, going away, by a final score of 37-25.

The Drillers had the edge 14 to 8 in field goal shooting in what was the season opener for the Burros and game No. 2 for the Bakersfield team. Leading scorers were Valerie Alvidrez and Jill Stephens, who hit 11 and 10 points, respectively, for the Drillers.

The girls' varsity team from Burroughs was led by Rhonda Piroli, who tallied 9, and Elder with 8 points.

The Burros girls left town yesterday to compete in a tournament at Artesia and have another tourney game tomorrow. Depending upon how well they do, they could return for additional tourney tilts that are scheduled Monday, Tuesday and Wednesday.

Women's tourney...

(Continued from Page 6) She was backed up by Barnes, who pumped in 20, while Jean Bornett, the NWC team's player-coach, fed off 10 assists from her point-guard position, and the top rebounders were Scarbrough and Mahan.

Leading scorers for the Marine women's team from El Toro were Zonk and Stretch, who ripped the net for 25 and 24 points, respectively, and Bishop added 16.

The tourney championship game was a rematch between the NWC Roadrunners and El Toro that was won, 48-41 by El Toro.

By Sunday, when this game was played, the China Lakers were down to seven players and the tourney hosts, who led 30-20 at the end of the first half, took advantage of this to go into a delay-type game for the final 10 minutes of play while holding onto a 6-point lead.

The strategy worked in favor of the Marine women, who overcame the spread defense used by the China Lakers to win by a 7-point margin at the final buzzer.

Scarbrough and Barnes tallied 12 points each to lead the NWC Roadrunners on offense; Pande came through with 8, and Bornett added 7 more points to the NWC total. For El Toro, the top scorers were Stretch with 18 and Zonk with 10.

Fun-seekers in Sierras urged to stay on roads

Forest Service and Department of Fish and Game personnel suggest strongly that hunters, skiers and others who drive into the Sierra or Sierra foothills in the snow stay on roads as much as possible even if they are driving four-wheel drive vehicles.

Deep snows have fallen and cover many of the gullies near roads; a vehicle that drives over one of these is apt to become helplessly mired in the snow.



SCRAMBLE FOR BALL — Rhonda Piroli (at left) and Stephanie Rainwater (No. 10) hold up the Burros' end of the battle for the ball in the varsity girls' game between Bakersfield and Burroughs. The Burros came out on the short end of the score, 37-25, in the 1984-85 season opener.

— Photo by PHAN Greg Hogan

Storms bring more ducks to Lake Isabella

The storms last week over the weekend brought some more ducks down to where hunters at Lake Isabella could hope to shoot a few.

Mallards, pintails, teal, scaup, ruddies, red heads and canvasbacks all flapped in on their way south. They could be found at both the north and south fork areas, with a fair number being spotted in the pot holes at the south end of the lake.

A few geese were also reported, but not many.

As the weather north deteriorates and drives the birds south, hunting should improve.

Hunters who wanted to bring home a goose for Christmas dinner found that their best bet was to head north into the Owens Valley. Flocks of geese are now moving through and hunting is reported to range from good to very good.

Promotional opportunities

(Continued from Page 2) knowledge in more than a single trade. Elements: Ability to do the theoretical, precise, and/or artistic work of a trade; to read and use shop drawings; to use hand tools for machine shop; to measure and layout. Knowledge: of pertinent metals. Supplemental required.

No. 36-188, Equipment Specialist, DS-1670-3, Code 3668 — Incumbent will perform regular and preventive maintenance of equipment on loan from a manufacturer; collect reliability data on MTBF and MTBR; assist with start-up operations on loaned equipment; identify special handling devices required to prepare the loan equipment for demonstration purposes. Elements: Knowledge of proper equipment maintenance procedures. Abilities: to provide data on reliability; to design unique hardware evaluation schemes; to communicate orally and in writing with technical personnel.

No. 36-189, Equipment Specialist (Missile), DS-1670-3, Code 3661 — Responsible for reviewing Missile Systems Engineering Change Proposals; preparing impact reports in the areas of logistics, operational procedures, supply support and validation of incorporation into Harpoon Tech Publications; evaluates Quality Deficiency Reports and provides recommended solutions through the AWCAP system. Elements: Knowledge of military tactical missile and/or aircraft systems and associated ground support and test equipment; of missile/aircraft maintenance procedures; of training and data analysis of military organization and Chain-of-Command. Abilities: to communicate effectively both orally and in writing.

No. 36-190, Model Maker, WG-7114-4, Code 3646 — Responsible for projects in computer aided machining (CAM) including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Elements: Abilities: to do the work of the position without more than normal supervision; to do the theoretical, precise, and/or artistic work of a trade; to use shop drawings; to use hand tools for machine shop; to measure and layout. Knowledge: of pertinent metals. Supplemental required.

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No. 39-096, Clerk-Typist, GS-322-4/5, Code 3907 — Incumbent provides clerical support to the Cruise Missile Program Office. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and processes and NWC procedures and policies in these areas; ability to operate IBM Displaywriter is highly desirable.

California license fees for fishing go up slightly in 1985

Sport fishing license fees in California will rise slightly next year in accordance with a formula that ties fees to an inflationary index factor, according to an announcement by the Department of Fish and Game.

Beginning Jan. 1, 1985, the resident sport fishing license will cost \$13.75, and the one-day Pacific Ocean license will cost \$3.25, while the resident ocean-only license will cost \$8.

The non-resident fishing license will be increased to \$37 and the non-resident five-day ocean-only license will cost \$8.

Unchanged from this year will be the ocean enhancement stamp (for use south of Point Arguello only), \$1; the striped bass stamp, \$3.50; the Colorado River special use stamp, \$3; and the reduced-fee license for disabled veterans and eligible senior citizens, \$2.

The amount of money senior citizens may earn and still qualify for the \$2 license will increase in 1985 to \$504 a month for a single person and \$936 for a married couple.

Free basic fishing licenses will continue to be made available to certified blind persons, indigent resident native Americans, persons who are certified as wards of the state and residents in state institutions, certified developmentally disabled persons and specified disabled residents.

Applications for free and reduced-fee licenses are available from Department of Fish and Game offices.

Trapping season is open owners of dogs reminded

Trapping season is once more in full swing; a sideline of this is that often dogs belonging to hikers, hunters, or fishermen get caught in the traps that are set for other animals.

Department of Fish and Game personnel advise that those out in the mountains or other "boondocks" keep a very close eye on their dogs. If a dog does get caught in a trap, not panicking is vital or the animal will become more excited, making its removal from the trap more difficult.

DFG personnel also suggest that anyone who finds a trap and wonders if it's a legal trap leave that trap in place and call the closest DFG warden to check on it.

Removing a legally set trap is illegal.

The Rocketeer

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Naval Weapons Center
China Lake

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Phones



Recreation roundup

Elks Lodge sponsors free throw shooting contest for children

A basketball free-throw contest, sponsored by the Ridgcrest Elks Lodge, for boys and girls, 8 through 13 years of age, has been scheduled on Saturday, Dec. 15, at Monroe Junior High School in Ridgcrest.

Winners of the local "Hoop Shoot" contest will advance to the district, state, regional, or national competition. National level winners will have their names enshrined in the Basketball Hall of Fame, in Indianapolis, Ind.

Young people participating in the contest will be placed in groups according to their age as of April 1, 1985.

For more information, interested boys and girls should contact Dave Vander Houwen, local contest director, by phoning 375-8551 or 375-1695 before Dec. 15.

BASKETBALL OFFICIALS SOUGHT The Youth Activities Branch of the NWC Recreational Services Department's Community Recreation Division is in need of qualified individuals to work as officials during the coming Youth Basketball League season.

League play will begin on Friday, Jan. 11, and end on Monday, March 18. Games are scheduled on Friday and Monday evenings, as well as on Saturday mornings, and the pay for officials is \$6 per game.

Interested persons can obtain additional information by calling NWC ext. 2010 on weekdays between the hours of 8 a.m. and 4 p.m.

Lead held by Cal-Gas in Premier League trimmed to 9 points

A slim nine points now separates the first and second place teams in the Premier (scratch) League, following Monday night's action at Hall Memorial Lanes.

The Cal-Gas keglers, outscored 14-11 by Joseph's Italian Gardens, are being challenged for the league lead by the Elks Lodge team, which knocked off the cellar-dwelling Hideaway squad on Monday night by a score of 17-8.

Third place was snagged this week by the Thrifty Wash Laundromat team by virtue of its 18-7 win over the Raytheon Sidewinders, who, a week earlier, had what appeared to be a comfortable hold on third place in the Premier League.

High team game for the night was the 1,031 rolled by the Elks Lodge squad. The high team series score (2,866) was posted by Thrifty Wash Laundromat.

Individual honors went to Jack Brown, who fired a 640 series, and to Johnny Johnson, who put together a triple 200 series of 618 that was built on single game totals of 205, 208, and 205. One other Premier League bowler, Art Karrer, topped the 600 series mark with a score of 605.

Those with single game totals of more than 220 were Brown (235), Allen Smith and Ted Zissos (233), Tracy Brandt (224), Ed Donohue and Hub Zimmerman (221).

Current standings in the Premier League are:

Table with 3 columns: Team, Won, Lost. Lists teams like Cal-Gas, Elks Lodge, Thrifty Wash Laundromat, etc.

Women's team takes 2nd in basketball tourney

Fresh from a second place finish in an eight-team tournament at El Toro Marine Air Station last week, where they received a team trophy and individual trophies for their efforts, the China Lake Roadrunners, military women's basketball team, will host a series of round robin games this weekend at the NWC gym.

Action in this round robin competition will get underway at 12 noon on Saturday at the Center gym with a game between women's teams representing El Toro and George Air Force Base.

Other games slated tomorrow, and the times they are due to start, are: NWC Roadrunners vs. Norton AFB, 1:30 p.m.; NWC Roadrunners vs. George AFB, 3:30

p.m.; and El Toro vs. Norton AFB, 5 p.m.

The women's basketball competition will resume at 2 p.m. Sunday with a game between the NWC Roadrunners and El Toro. Other games, not yet determined at press time for the Rocketeer, will follow.

In their first tourney tilt Saturday morning at El Toro, the Roadrunners ran into a bunch of hot-shooting players from Fort Irwin, who built up a 42-32 halftime lead over the China Lakers.

A halftime conference was effective in forging a determined effort by the Roadrunners to win the game, and they came out in the second half of play and proceeded to do just that by outscoring their counterparts from Fort Irwin by the

lopsided margin of 40 to 10.

At the final buzzer, the military women from NWC had redeemed themselves for their lackluster first half performance — winning the game by a score of 63 to 58.

Charlene Scarbrough, a forward, led the Roadrunners' comeback with 16 points in the second half and finished with a team-high total of 24. Other members of the NWC military women's team who made it into the double-figure scoring column in the Fort Irwin game were guards Cathy Mahan and Patty Barnes, who tallied 17 and 10 points, respectively. Top rebounders for the China Lakers were Scarbrough and Mahan with 12 each.

The Fort Irwin team was led in the scoring department by Donna Clark, who banked in 18; Stewart with 16; and Smith and Frelis, who contributed 10 points each.

A strong performance from the opening tip-off was turned in on Saturday evening by the Roadrunners, who edged the host team from El Toro 79-76 in an overtime contest.

Scarbrough set the pace for the China Lakers in the first half with 16 points (including 10 free throws) as the local team got off to a lead of 36-24 at the midway point in the game.

The women Marines were able to take advantage of the lack of depth on the part of the Roadrunners, who had just eight players available, and kept chipping away at the China Lakers' lead.

At the end of regulation playing time (40 min.), the score was tied at 66-66, and the two teams continued to trade baskets during the 5-min. overtime.

The breakthrough favoring the Roadrunners came after each team had tallied 8 points in the overtime and the score was knotted at 74-74.

The Roadrunners hit another basket to put the pressure on the El Toro team, which drew a blank on its next trip up the court. The China Lakers then succeeded in holding the Marine women to one more field goal that was matched by the locals, and Janet Pande cashed in on one of two charity tosses with 5 sec. left to play to insure the win for the NWC women.

Scarbrough was the top scorer with 26 points on 8 field goals and 10 free throws.

(Continued on Page 7)



BURRO DRAWS A CROWD — Jimmy Hill, starting forward for the Burroughs High School boys' varsity basketball team, draws a crowd of Bakersfield High defenders as he makes a move toward the basket during Tuesday night's season opener between the Burros and Drillers. Closing in on Hill are Lawrence Moore (No. 34) and Lawrence Steele (No. 11). The Burros won an exciting game 79-70. —Photos by Glenn Hibberts

Burros boys defeat Drillers in exciting cage season opener

An exciting opening of the 1984-85 basketball season was staged Tuesday night at the Burroughs High School gym, where the Burros boys' team came from behind in the fourth quarter to knock off the Bakersfield High Drillers by a final score of 79-70.

The Burros, who are on the road today for a tournament in San Luis Obispo, had their hands full coping with the speed merchants from Bakersfield, who also were adept at putting the ball through the hoop.

The Burros got burned early and often by the fast hands and (at times) quicker feet of the visitors from Bakersfield, but showed the caliber of team they are by turning in a fine early season performance to pull away from the Drillers and win the game in the closing minutes of the fourth quarter.

The game was tied six times in the first period before the Drillers began to dominate and pulled away to a 24-16 lead at the end of the first 8 minutes of action.

The Burros, who trailed throughout most of the first half, got as close as two points (30-32) to overhauling their big city foes with a little more than 2 minutes left to play in the half. The two teams then traded baskets (getting four each) before the midgame break, which found the Ridgcrest team very much in the game — having cut the Drillers' lead to 40-38.

A lay-up by Mike Bailey tied the score at 38-38 seconds before the buzzer sounded to end the first half, but there was still time enough for a hoop by Reggie Gaines that sent the Drillers into the dressing room at the half with a 2-point lead.

The Burros came out strong in the third quarter with a run of 10 unanswered points in the first three minutes that gave them a 48-40 lead. This streak was paced by two baskets each by Steve Barkley and Jimmy Hill, and a hoop by Rob Berghorn.

A time out was called by the Bakerfield coach in hope of cooling down the hot-shooting Burros, and the two teams went back to trading baskets, while the Burros clung to a lead that ranged from 4 to 10 points.

The momentum switched to the Drillers with just under 1 1/2 minutes left to play in the third period. The Bakersfield team (trailing 58-51) not only shut down the Burros in the scoring department, but cashed in on four of six free throws and hit two field goals to move ahead 59-58 as the fourth quarter began.

With the game's final outcome on the line, the Burros tied the score at 62-62 on a shot by Allen Celestine with the fourth quarter only a minute old, and then went ahead 64-62 a minute later on another hoop by Celestine.

Although the explosive Drillers were a constant threat, the Burros led for the final six minutes of play and pulled away to a 9-point win of 79-70.

Mike Bailey, sidelined due to foul trouble early in the fourth quarter, returned to play and used his height to advantage in helping to control the area under the basket, in addition to contributing a field goal in the last two minutes of play.

Both teams had well-balanced scoring attacks. All five of the Burroughs High starters made it into the double figure scoring column. Hill led with 19 points, Bailey and Berghorn hit 15 and 14, respectively, and Celestine and Steve Barkley contributed 12 and 10 points.

The game's high point man was Lawrence Moore of Bakersfield with 20. Others in double figures for the Drillers, and the number of points they scored, were Everitt Sutton, 14; Terence Strong, 13; and Lawrence Steele, 12.



ACE DEFENDER — Richard Wesson (No. 22) makes it tough on Allen Celestine, a starting forward for the Burroughs High varsity boys' basketball team, as the latter tries to get off a shot at the hoop during Tuesday night's game at the local high school gym. Celestine was in double figures with 12 points for the night.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian Employee — I wonder why, two weeks in a row, Public Works was mentioned in the Skipper Sez column about complaints in housing but when it comes time to mention the contractor everything goes way around them. You don't even call them by their real name, Pan American World Services, which has the contract for housing and should be notified.

On two occasions, Public Works was mentioned regarding a problem of not responding to calls, but the contractor, whose employees do this work, was not referred to by name. Public Works did a good job when we took care of housing and now you should mention the contractor's name. Are we afraid that Pan Am has the contract? Thank you.

ANSWER

You are absolutely right that Pan Am (Pan American World Services) has the contract for housing maintenance! Any housing maintenance problems should be referred to their 24-hour service number, 446-4583.

While Pan Am has the contract, they are still under the direction and control of the Public Works Officer. Their pay checks may not be green, but we are all here for the same purpose — to support the mission of the Naval Weapons Center. We need to stress getting along with each other and put the problems of CA behind us. Thank you for your call and sorry for the delay in answering it.

Pearl Harbor anniversary

Events of Dec. 7, 1941, are reminder of need for strong defense

Editor's note: Forty-three years ago this day, the sneak attack by Japan on the ships of the U. S. Fleet at Pearl Harbor, as well as upon Army, Navy and Marine Corps aircraft sitting on airfields around the Island of Oahu, taught the U.S. a costly lesson on the need for military preparedness.

What was later to be called the "greatest military and naval disaster in our nation's history" by a Joint Congressional Committee that investigated the attack, brought home a lesson that has applications more than four decades later as America strives to remain strong enough to ensure that such an event will never occur again. Hopefully, this reminder of that "day of infamy" will help to serve that purpose.

WASHINGTON (NES). . . The onslaught lasted two hours. In its wake the Pacific battle fleet lay bloodied and impotent.

After the Dec. 7, 1941, attack on Pearl Harbor, four battleships were on the bottom and one had been severely damaged and had to be beached. But, as the smoke cleared, survivors of the attack realized that the real battle was just beginning — resurrecting the Fleet.

Before salvage efforts could begin, survivors had to be pulled from the wreckage. Men trapped inside ships tapped against the hull to indicate their positions. Rescue parties worked feverishly to free the entombed men. Toxic fumes, oil and water hampered rescue efforts, but many men were freed.

Rescue efforts continued until there was no sign of life in any of the stricken vessels. Divers worked in water thick with oil and debris to remove ammunition from flooded magazines and wrest guns from their shipboard mounts. Some of the guns were installed in defensive positions around the harbor and others were overhauled.

Formal salvage efforts began Dec. 14. First order of business: ready the least damaged ships for action. Fortunately, the enemy failed to knock out the Navy's industrial capacity; most Navy yard shops and dry docks remained operational.

The Pearl Harbor Navy Yard motto — "We keep them fit to fight" — became the rallying cry.

Sailors and shipyard workers toiled around the clock, and battleships Pennsylvania, Maryland and Tennessee were back on station within two weeks. They were later joined by cruisers Honolulu and Helena.

But the return of these ships couldn't offset the feelings of hopelessness. Even the most optimistic sailors thought the sunken battleships would never fight again.

The beached battleship Nevada was a sorry sight in the entrance channel. A

torpedo hit and five bomb explosions had devastated the battleship as it tried to escape the harbor. The ship was ordered run aground because of fear that it would sink and block the harbor entrance.

Yet, compared with some of the battleships in the harbor, Nevada was in good shape. Salvage teams refloated the vessel and dry-docked it at the Navy yard for temporary repairs. Within five months of the attack, Nevada was steaming under its own power.

California was damaged much more than Nevada. The ship was hit by two torpedoes and a bomb. An oil fire from Arizona swept down on the ship, thwarting efforts to stop the flooding. California went to the bottom.

Salvage teams worked to remove water from the ship as divers plugged holes. Ammunition, stores and oil were recovered for future use. To raise the ship, salvagers removed guns, the conning tower and the mainmast. Four months after the attack, California came afloat. The ship later steamed stateside for modernization.

"Weevie," as West Virginia was known to its crew, took a terrible beating in the attack. Seven torpedoes ripped open a 120-foot gash in the ship's port side and a bomb

Information Systems Group. . .

(Continued from Page 1)

charge. The office is responsible for exercising the automated data processing approval authority delegated to the NWC Commander. It is the single point of contact with the Naval Material Command and Naval Data Automation Command for such approvals.

Lou Giegerich heads the Information Systems Management Division, Code 141; this division is responsible for strategic planning for the acquisition and implementation of computing and information systems for NWC.

John LaMarr is the division head of the Communication Systems Division, Code 142. The division is responsible for life cycle management of communication systems, including specifying, procuring or designing, integrating, testing and operating the communication systems and their information networks. Personnel of this division will work closely with the Telephone Administration Office, because the future information systems will include voice as well as data and visual.

Keith Willis is acting head of the Computing Services Division, Code 143. This division is responsible for providing computer science technical development and

support, and consulting expertise, aimed at definition, acquisition, and implementation of NWC's corporate computing and information systems. It also provides computing and information system service to the Center's scientific, technical and administrative personnel, along with necessary support services to ensure effective and economical operation and maintenance of the system.

Ball expects that within the next two years the organization will encompass four to five divisions whose roles will be clear-cut. He is very enthusiastic about the quality of the personnel who were transferred into the Information Systems Group from other organizations, and about the quality of those who have been hired since it began.

"They are task-oriented, cooperative, responsive and focused on NWC's needs," he says. "Our assets are both equipment- and people-based, but people are the most important."

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

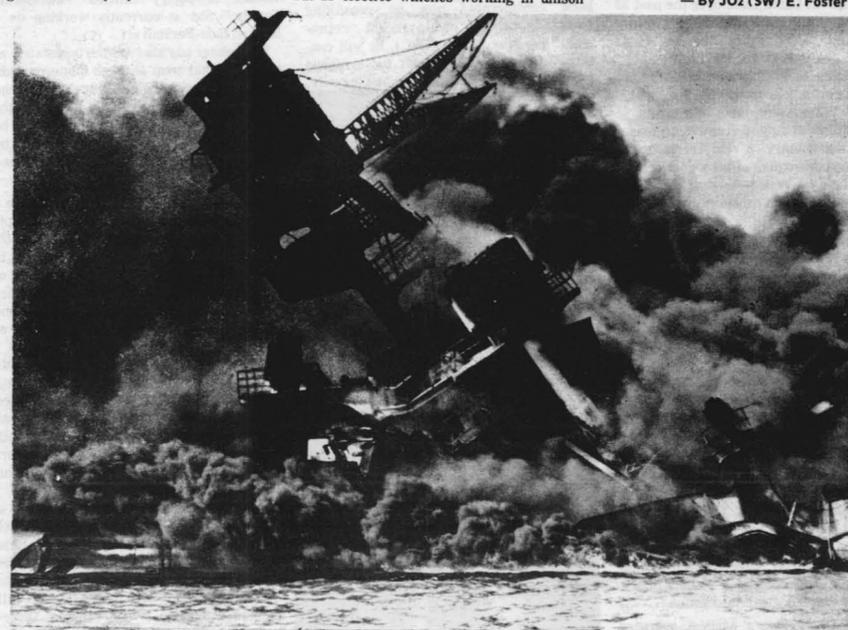


PHOTO FROM U.S. NAVY ARCHIVES

Mobile blood bank visit to Ridgecrest slated next Tuesday

Another of the regularly scheduled visits to Ridgecrest by the Houchin Community Blood Bank's mobile unit from Bakersfield is scheduled next Tuesday.

Pints of blood contributed to the Indian Wells Valley's Advanced Fund will be collected from 1 to 6 p.m. at the Ridgecrest Elks Lodge, 200 E. Church St.

According to Dorothy Jackson, chairman, individuals may designate the person to whom their blood is given, or contribute a pint of blood to the IWV Blood Bank's Advanced Fund for whoever may need it.

Those who give blood in a particular patient's name must follow up and contact Mrs. Jackson by calling 375-2059, since she is the only person in this part of Kern County who can arrange for the release of blood from the Houchin Blood Bank.

On Tuesday, prospective blood donors will be checked by a nurse at the blood bank. It has been determined that, in most cases, it is permissible to consume a small amount of food before donating blood. This will reduce the chance of feeling faint at the time that blood is being drawn.

Donors are still asked, however, to refrain from consuming fatty food or alcohol for a minimum of three hours before giving blood.

Class for volunteers planned by NRS in Jan.

A class for anyone who is interested in volunteering time to the Navy Relief Society will be held from 8:30 to 11:30 a.m. on Jan. 9, 10, 11, 14 and 15. The class will be taught in a conference room at Michelson Laboratory.

Child care services will be provided for anyone interested in attending the class.

Those who wish to take the course (or who wish to obtain more information about the course or about becoming a Navy Relief Society volunteer) should telephone the Navy Relief Society office at 446-4746 between the hours of 11 a.m. and 2 p.m. on Mondays, Wednesdays or Fridays.

Long-time teacher, consultant to NWC, retires

"Personnel here are still as highly concerned with getting the job done as they ever were," says Dr. George Lehner, "but they have become increasingly concerned with the people through whom the job gets done. I think it's a better balance."

This increasing concern with people is probably due, at least in part, to the role that Dr. Lehner has played as a consultant and teacher at China Lake over the past 33 years, especially to his workshops on interpersonal effectiveness and on team building.

"I've tried to help people identify and create opportunities for accomplishment," he says. "I see China Lake still as one of the most innovative and creative organizations in the country, a real credit to the tremendous dedication of personnel here to getting their job done — even if they have to engage in creative problem solving to interpret regulations."

Dr. Lehner has had much opportunity to compare NWC with many other organizations. He has served as a consultant and trainer for a wide range of industries, for the California State Government, universities and government agencies ranging from the Navy to the Departments of State and Agriculture.

His international experience has taken him from consulting with the Pakistani government to a year at the University of Vienna as a Fulbright Research Fellow.

In addition, Dr. Lehner was on the faculty of the University of California at Los Angeles for 28 years before he retired to his current home in Tampa, Fla. During his years at UCLA, he earned National Diplomate status in Clinical Psychology and in Industrial and Organizational Psychology, and became a Fellow of the American Psychological Association.

One of Dr. Lehner's earliest overseas consulting assignments he still rates as



SUPPORT APPRECIATED — Elizabeth Babcock, secretary of the Society for Technical Communication, presents an STC sustaining member plaque to Steve Sanders, head of the Technical Information Department. The board of directors of the international organization granted NWC a sustaining membership during Ms. Babcock's tenure in recognition of the support that NWC has given to the organization, and to the pursuit of excellence in technical communication. — Photo by PHAN Greg Hogan

Earthquake data, potential for volcanic action to be discussed

A talk entitled "Shake and Bake: Earthquake and Volcanic Studies in the Indian Wells Valley" will highlight the December meeting of the Sierra Sands Section of the American Society for Quality Control (ASQC).

The speaker at this meeting, which is open to all interested persons, will be Dr. John Zellmer, a geologist in the NWC Research Department's Applied Geoscience Research Branch.

The meeting is scheduled Tuesday evening at the Golden Frog Supper Club in Ridgecrest. A social hour starting at 6 o'clock will precede dinner selected from the menu. The talk by Dr. Zellmer will begin shortly after 8 o'clock.

During his presentation, Dr. Zellmer will

focus primarily on earthquake studies in the Indian Wells Valley. Because of the geology of the local area, this story also includes information on the volcanic activity that has taken place here in centuries past.

The speaker has a Ph.D. in geology and a master's degree in geological engineering that he received from the University of Nevada at Reno. His work at the Naval Weapons Center involves him in earthquake, volcano, environmental geology and geotechnical studies.

For planning purposes, reservations are requested from those planning to attend Tuesday night's ASQC meeting. Reservations can be made by calling either Mort Kurotori, phone NWC ext. 3326; Bud Stiehl, NWC ext. 2274; or Tony Miller at 446-7671, ext. 200.

among the most interesting. He says that he was asked by the University of Frankfurt to help establish a less authoritarian way of teaching — and to help persuade the professors to let students ask questions in class and to speak in plain enough language so that students could understand the lecture.

He says that even though he is cutting back considerably now on consulting (which is why he had a recent "retirement" ceremony from NWC), he will continue to consult for overseas organizations because both he and his wife,



Dr. George Lehner

Eleanor, enjoy the trips. She does not accompany him on many of his consulting trips in this country, Dr. Lehner says, because she has been busily writing books, especially since their two daughters and one son are now grown and have left home.

Mrs. Lehner's published works include a volume of poetry entitled "Whispering Candle." She is currently working on a book on Indo-Persian art.

Dr. Lehner has also written books such as two texts that went through numerous editions. He says that he will probably spend more time writing now than he has in the past, to help share some of the ideas that he has used in his coaching of workshops on leadership, interpersonal relations and team building.

"A leader, I feel," he says, "should be a coach, not a judge, one who can help people 'get their opportunity's worth.'" While the same range of people and abilities exist in both industry and government, the role of the manager in government, Dr. Lehner feels, is much more difficult because the government manager has fewer degrees of freedom.

He notes that he particularly enjoys his work with team development (a team being two or more individuals who have shared goals and need each other to achieve those goals) because teamwork increases both organizational effectiveness and performance and personal satisfaction and morale.

Although he has formally "retired" as a consultant to NWC, Dr. Lehner does not rule out his return at some future time because he says that he has enjoyed the association since he was first invited to conduct workshops here by the late Dr. Bill McLean, long-time NWC Technical Director, who had attended such a workshop at UCLA.

New airfield road is now being paved; will open late Dec.

Work began this past week on black topping a new road that will provide entry to and egress from the parking lots, hangars and other buildings at Armitage Airfield.

The paving work began at the northern terminus of the new road and extended from there to a new guard shack at the airfield.

If the project proceeds according to plan, the contractor (Asphalt Construction Co. of Lancaster) will pave the segment between the guard shack and Sandquist Road next week before a sealant is applied.

Depending upon the weather, and the contractor's work schedule, the new road leading to Armitage Airfield will be ready for use by the end of December.

The rerouting of vehicle traffic at Armitage Airfield will be accompanied by barricading of the existing road which, in the future, will be for use by emergency vehicles only, as well as the installation of some two dozen new stop signs plus a number of directional signs denoting the location of hangars and other buildings at the airfield.

SAR helo crew looks for plane missing near Independence

The Naval Weapons Center's Search and Rescue helicopter and crew took part last weekend in a search for a twin-engine Piper Seneca aircraft that had been missing on a flight from Palm Springs to the San Jose area since about Nov. 20.

The Civil Air Patrol had been searching for the aircraft. Based on the report of a transponder having been heard in the general area west of Independence, the SAR helo searched that region on Saturday.

On Sunday, the helo and its crew headed north once more carrying a Civil Air Patrol member who believed that he had spotted wreckage Saturday, but the chopper had to turn back after a short period of time in the search area because of combination of weather and a minor problem with the helicopter at the 12,000 ft. level.

Pilot of the SAR helo was Lt. Greg Friedrichsen. Aircrew members included AMHAA K. M. Conger, ATAN R. L. Johnston, HM2 W. L. Lewis, and AMHAN John Huffman.

Protestant choir to present Christmas cantata Sun. morning

A Christmas cantata, presented each holiday season as a gift to the community by members of the choir of the Protestant Congregation of the All Faith Chapel, has been scheduled on Sunday during the 10 a.m. worship service.

This all-musical service will be directed by Dovie Leonard during a presentation of "Love, Joy, Peace," a cantata that was written by Tom Fetteke.

The 30-member choir will be accompanied by Ray Blume, organist, and Shirley Helmick at the piano. Featured soloists will be Sandra Osman Raines, John Strommen and Paul DeRuiter.

Dec. 14 issue last Rocketeer for '84; next paper Jan. 4

The Rocketeer to be issued next Friday, Dec. 14, will be the final publication of the year. The Center newspaper will resume publication in 1985 with the issue dated Jan. 4.

In view of this, all clubs, organizations, and other groups interested in publicizing special holiday activities are reminded to submit their information to the Rocketeer office no later than Tuesday, Dec. 11, and earlier if possible.

Flood-damaged, other unusable equipment can be turned in now

The freeze on turning in equipment to the Defense Property Disposal Office (Code 97) has been lifted, and departments on the Naval Weapons Center are encouraged to begin turning in flood-damaged and other unusable equipment.

According to a memo prepared by E. A. Solberg, head of the Capital Equipment Resources Office, the freeze on turning in equipment and material was imposed to prevent abuses while the Department of Defense developed safeguards to prevent waste, fraud and abuse.

As controls and safeguards were put into effect, parts of the freeze were lifted that governed the disposal of scrap, hazardous materials, health sanitation items, and expired shelf-life items.

In addition, the freeze subsequently was lifted on the disposal of used furniture, material at Armitage Airfield, depot-condemned material, and Inventory Con-

Strategic issues of 1980s topic of talk scheduled Dec. 13

The strategic issues of the 1980s will be discussed by Robert Mayer Evans, a former CBS foreign correspondent and world traveler, in an open lecture next Thursday, Dec. 13, at 9:30 a.m. in the Michelson Laboratory auditorium (Rm. 1000D). All interested China Lake personnel are invited to attend.

Evans, who holds a law degree from Yale University as well as from Oxford University in England, began his news career under Edward R. Murrow.

He has spent years in the Middle East, in Russia and in China, where he was involved in reporting, writing, producing, directing, and filming for news broadcasts.

Among the world leaders he has met and interviewed are the current leader of China, Deng Shao-Ping; various Israeli Prime Ministers; Anwar Sadat of Egypt; King Hussein of Jordan; the late Shah of Iran; and Palestine Liberation Organization leaders in Beirut, Lebanon.

He has also met with and interviewed many of the peoples of each of the countries in which he has worked.

After leaving CBS News (for which his work included being Moscow Bureau Chief), he formed his own television production company, TelEvans Productions. This company pioneered a TV news series designed for classroom broadcasting.

TelEvans Productions has also covered stories in the United States for such foreign networks as BBC (England), CBC (Canada), ABC (Australia); RTF (France), and NHK (Japan).

His talk will cover the economic quandary of Western Europe; changing leadership in Russia and China; and energy, oil and power in the Middle East.

Fire Div. offers suggestions for fire-safe holiday

The Christmas holiday season is here. For the great majority of Americans it will be a time of joy. For some, however, it will be a time of tragedy because they fail to take the proper fire safety precautions when selecting and displaying Christmas tree and decorations, or handling gift wrappings and toy purchases.

Judging by past years, some will be killed, many will be injured and there will be a vast amount of property damage caused by holiday holocausts — all of which are preventable.

The NWC Fire Division recommends the following precautions for a safe Yuletide season. Follow them completely and help to make this the safest Christmas holiday on record.

Buy a fresh tree and store it in a cool place with its base in water. Cut off a portion of the base before setting up the tree, since this helps the tree to absorb water more rapidly. Place the tree in a stand capable of supporting it, and keep water in the stand above the level of the cut.

Make sure that a live Christmas tree is

not placed near sources of heat, such as heating ducts, television sets, and fireplaces, and be sure that it does not interfere with indoor traffic patterns or 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. In addition, don't rely on do-it-yourself flame-proofing treatments, since none of them are reliable.

Never put lighted candles on a Christmas tree, or near any evergreen decorations.

Artificial trees should be clearly marked "non-combustible." Look for the UL label on trees with built-in electrical systems. Only indirect lighting should be used on metal trees to avoid the possibility of electric shocks.

Check lighting sets closely for worn insulation, broken plugs, and loose bulb sockets. Use only lighting sets that show UL or CSA labels.

Don't substitute indoor lights in outdoor decorative lighting arrangements. Use only

Control Point designated obsolete material.

The Commander, Naval Supply Systems Command issued a memo that lifted the freeze, effective Dec. 1, on all equipment and material possessing National Stock Numbers and completely lifted the freeze on disposal of nonstock numbered items.

Solberg's advice to all departments at the Naval Weapons Center was to "actively pursue the disposition of flood-damaged equipment and other old unusable or unused equipment" — recognizing that this will cause an upsurge in the work of plant account personnel, as well as employees of the Defense Property Disposal Office.

A word of caution was added by Solberg, who noted that "the intent of the freeze was to allow time to put in controls enforcing good business practices. While we desire to modernize the equipment inventory by disposing of old equipment, please keep a watchful eye on the process to avoid the disposition of new or needed equipment."

For answers to questions concerning whether or not equipment can be disposed of, plant account personnel (Code 08613) should be contacted.

Additional information or assistance concerning the disposition of equipment can be obtained by calling either Carol Schwartz, at NWC ext. 3700, or Ernie Solberg, phone NWC ext. 2024.

Workshop on stress, depression slated at Training Ctr. Dec. 18

A workshop on stress and depression will be conducted by Dr. Jeff Besser of the Organizational Development staff of the Personnel Department on Tuesday, Dec. 18, in Rm. 107 of the Training Center.

The workshop will run from 11:30 a.m. until 1:30 p.m. No training form is required, but personnel who plan to attend should arrange with their supervisors for the 12:30 to 1:30 p.m. part of the workshop. Brown bag lunches can be brought.

Besser's doctoral dissertation was on stress and coronary heart disease.

Health benefit plan open season to end today for employees

Today is the last day that federal employees who wish to make changes in their health benefit program this year can do so.

The changes can be instituted by going to the Personnel Building, Rm. 100, before the close of business; no appointment is necessary.

Anyone who has any question about the Open Season should contact Sue Swett, Cheri Neil, or Eileen Baird by telephoning NWC ext. 2018 or 2592.



HARD WORK — Marvin Logan, an employee of Document Reprocessors of San Francisco, moves a load of icy document boxes into the back of the vacuum chamber where they will be thawed and steamed dry. — Photo by PH3 Rick Moore

Damaged documents restored...

(Continued from Page 1)

papers were stored, and the restoration work was begun under the watchful eyes of Ms. Pastorious and site manager Jim Lawler.

A crew of 10 temporary employees was hired, trained in the use of respirators, and checked for interim security clearances. They then began loading document boxes into the vacuum tanks for processing.

The boxes are loaded from the freezer units onto pallets, 40 boxes to the pallet. A 1-in. rubber hose is wound around and through the boxes to circulate hot water, and 10 to 11 pallets at a time are loaded into each of the vacuum tanks.

Once the door on the vacuum tank is secured, a 25-in. vacuum is attained and held for a period of two weeks. Water heated to 150 degrees is pumped through the rubber hoses continuously; this causes the documents to thaw and drives the water out in the form of steam, which is removed from the vacuum chamber.

After two weeks, the chamber is opened and the boxes are removed to a cleaning and sorting area. When the boxes are opened, the documents are removed one at a time, and each is brushed to remove the caked-on dirt and silt.

(The cleaning crew wears respirators during this part of the operation because the silt is very fine and is of unknown origin.)

UL-approved lights outdoors since they are intended for heavy duty, have heavier wiring, and also have waterproof sockets.

Plug tree and decorative lighting into house circuits having at least 15-amp fuse capacity. Use extension cords sparingly.

Turn off indoor and outdoor lighting sets before leaving the house or retiring for the night.

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

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

Select holiday masks, whiskers, and other costume items carefully. Unless "flameproofed," they can change tradition into tragedy.

Check electric toys for the UL or CSA safety label, which shows 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 and put them in a covered trash container. Do not burn them in the fireplace, since they may flare up uncontrolled.

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 youngsters from beneath the tree.

Finally, the Fire Division emphasizes, it is especially important during this busy season that children never be left alone or without 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 toward safety. Those who follow the simple precaution necessary to prevent fire will live to enjoy another Christmas.

The Fire Division wishes everyone a merry and safe Christmas and a joyous New Year.

— By NWC Fire Division