



WOW! — Earl Stephenson shows off his muscles to an impressed Jan Arisman in a scene from "Slimmin' and Trimmin'," the annual Sweet Adelines and SPEBSQSA show due to go on the boards on Saturday evening Sept. 26, at the Burroughs High School lecture center.

Annual musical show by Sweet Adelines scheduled Sept. 26

"Slimmin' and Trimmin'," a musical spoof that fitness buffs — and those who are irritated by fitness buffs — will enjoy will be presented on Saturday, Sept. 26, at 7:59 p.m. at the Burroughs High School lecture center.

This musical treat for the whole family is the annual production of the Sweet Adelines and the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America (SPEBSQSA).

"The Tonic Explosion," a show quartet from Fresno will be highlighted in the production as well. This group has proven to be a local favorite when it appeared here before.

Setting for the show is Gina's Gym, with each song kicked off by dialogue. As the house lights dim, fantasy players step forth from a large picture frame on stage to enact a silent skit appropriate to the words being sung. These fantasy players are members of either the China Lake Players or the Community Light Opera and Theater Association, who have volunteered their time to round out the musical comedy production.

All attendees at the performance also will be invited to attend the Afterglow where they can meet the performers and where additional music will be the order of the evening. Refreshments at a nominal cost will be served at the Afterglow, whose location will be announced later.

This show was written and directed by Vinnie Goss.

Tickets are \$4 for general admission, and \$2 for students, enlisted military personnel, and senior citizens. Tickets may be purchased from cast members or at the door on the night of the performance.

MOVIES section listing films like 'JAWS II', 'COAL MINER'S DAUGHTER', 'NOTHING PERSONAL', 'FLASH GORDON', and 'THE FUNHOUSE' with showtimes and ratings.

Toyland open; NEX officer announces hours of operation

Hours of operation at the Navy Exchange Toyland, which opened this past Wednesday, were announced this week by Lt. Rick Feauto, Navy Exchange officer.

Toyland, located in a building next door to the NEX service station on Richmond Road, is now open for business on Tuesdays and Fridays, from 10 a.m. to 5 p.m., and on Saturdays, from 9 a.m. to 5 p.m.

Also announced by the Navy Exchange officer was an indoor plant sale that will be held tomorrow and on Tuesday in the Personalized Services Shop at the NEX retail store.

Savings of up to \$5 are being offered on the price of indoor plants being sold in pots ranging from 6 to 14 inches in size.

International folk dancing class for beginners offered

The China Lake Desert Dancers are sponsoring beginning lessons in international folk dancing. The classes will begin next Thursday, Sept. 24, and will be held on Thursday evenings from 7 to 8 o'clock at the Community Center.

Cost for the lessons is \$1 per person. The instructor is Ruth Dietrich. No partner is needed.

Those who would like further information may telephone 375-5982 or 375-7361, or are welcome to stop by on Sept. 24 and join the fun.

Social group for single adults now being formed

An adult social activity group for single persons living in the Indian Wells Valley is now being organized.

Individuals interested in receiving a bulletin listing activities that are planned by this group, known as the "Singles Connection," can get on the mailing list by calling 446-6362 after working hours.

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Form with fields for 'From:', 'To:', and a box labeled 'PLACE STAMP HERE'.

Entry forms due Saturday for '81 Desert Empire Fair parade

The deadline date is fast approaching for those wishing to participate in the 31st annual Desert Empire Fair (DEF) parade to submit completed entry forms.

This gala event, one of the major attractions of the upcoming valleywide celebration, will be held on Saturday, Oct. 3, starting at 10 a.m.

Roberta Leighton, chairman of the committee in charge of the parade, reports that the entry deadline is Saturday, Sept. 19, and she and her co-workers are anxious to receive completed entry forms in order that the work which goes into deciding upon the order of march can begin.

Parade entry forms can be mailed to the Desert Empire Fair, P.O. Box 1176, Ridgecrest, or delivered in person to the DEF office on the fairgrounds in Ridgecrest.

Entry forms are available at the DEF office as well as the following locations: China Lake Community Center, Ridgecrest City Hall, Kern County Building in Ridgecrest, Ridgecrest Library, Ridgecrest and Inyokern Chamber of Commerce offices, Continental Telephone Co., Sierra Valley Insurance, Mayfair Flower Shop, Rancho Bajada Stables, Western English Emporium, the Country Feed Barn in Inyokern, the Daily Independent newspaper office and the Fairgrounds office.

"The Trail to Desert Fun" is the theme of the 1981 DEF parade. Participants will assemble near the intersection of the Burroughs High School access road (French Ave. and N. China Lake Blvd.) and the procession will make its way north on China Lake Blvd. to the triangle near Inyokern Rd. where it will disband.

Marching bands, color guards, drill teams, and novelty entries will be judged by members of the All American Association of Contest Judges. The equestrian entries will be judged by the California State Horsemen's Association.

The procedure for selecting those who will have a place of honor as marshals of the various divisions of the parade will be the

same as last year.

The Naval Weapons Center's Bluejacket of the Year will be so honored, as will an outstanding teacher from the Sierra Sands Unified School District. Two of the remaining three division marshalls will be picked by drawing from names of local residents whom those submitting nominations feel should be honored for some good deed or involvement in community affairs. Finally, the parade committee will select one of the division marshalls.

Additional information on the parade can be obtained by calling the parade chairman on work days after 5 p.m., or on weekends at 375-8832.

Astronomy group to host star party at Sandquist Spa

A free public star party, sponsored by the China Lake Astronomical Society, will be held tonight at 8 o'clock at the Sandquist Spa recreational area.

Weather permitting, telescopes will be set up for visitors to view such celestial objects as star clusters and gaseous nebulae within the Milky Way and the great spiral galaxy in the constellation Andromeda.

The turn-off to Sandquist Spa is located on Inyokern Road five miles west of the main gate of the Naval Weapons Center. A two-mile road north connects the spa to the highway.

Weekend Roundup

This evening, at the Chief Petty Officers' Club, to help bring in Bosses Night with a roar, "Sunlight," a local combo will play for the listening and dancing pleasure of everyone in attendance from 8:30 p.m. to 12:30 a.m.

Preceding the entertainment, from 6 to 9 o'clock, the CPO Club chef will offer a choice of prime rib of beef or Icelandic cod to those who wish to dine out at the club.

Those whose taste buds have a yen for little creatures from the sea will want to make it over to the Enlisted Mess, where from 6 to 9 o'clock this evening the main item on the menu will be a seafood plate.

Then from 9 p.m. until 1:30 a.m. they can stay and enjoy the rock-music performance of the "AC Flyers," a 5-piece band from the local area, whose members will be playing for the listening and dancing pleasure of EM patrons.

Tonight is Membership Night at the Commissioned Officers' Mess. For those members and guests who have made reservations, dancing to the "Walls of Fire," a 5 piece musical group from the Los Angeles area, and a buffet dinner will be the highlights of the evening.

Dinner will be served from 6:30 to 9:30 p.m. and "Walls of Fire" will perform from 8 p.m. until midnight.

On Sunday, the Maturango Museum will sponsor two field trips — one to the Little Petroglyph Canyon, and one to Coso Hot Springs.

Anyone interested in joining either of these tours can make reservations by phoning the museum at 446-6900.

Dr. Bill McEwan, local artist, who headed the Chemistry Division of the NWC Research Department before his retirement, has scheduled his second annual art exhibition tomorrow and Sunday, from noon to 7 p.m.

The Desert Counseling Clinic, 814 No. Norma St., Ridgecrest will be the setting for this exhibit, which will feature new sculptures in wood, metal and stone.



CONGRATULATIONS — On behalf of all personnel of the Center, Capt. Jude Lahr receives the congratulations of Capt. David F. Parrish who presented the Center with a certificate from the Secretary of the Navy for superior achievement in energy conservation. — Photo by PH2 Benita Tetreault

For 2nd year in row, NWC among finalists in energy conservation program

For the second year in a row, the Naval Weapons Center has been a finalist in the Secretary of the Navy Energy Conservation Award Program, Capt. David F. Parrish, Assistant Deputy Chief of Naval Material for Laboratory Management, announced at Monday morning's Commander's meeting.

Capt. Parrish presented Capt. Jude Lahr with a certificate signed by Secretary of the Navy John Lehman recognizing NWC's superior achievement in energy conservation for fiscal year 1980.

The certificate reads, in part, "Through development and execution of sound energy management programs, energy consumption was reduced significantly without adversely affecting readiness.

"Highly innovative approaches to energy conservation as well as effective training and public affairs programs produced energy-efficient operations."

It notes that the Center's achievement "establishes an example for other Commands and activities to follow in helping the Nation conserve critical energy resources."

For both fiscal year 1979 and 1980, the Center has been selected as the Naval Material Command representative for the award. Last year the Center won the Navy-wide competition, and this year it was again a finalist.

A Navy Energy Office selection committee examines all the submissions representing the various Commands, rating each on its standing with regard to others in the same category, and with regard to training related to energy and energy awareness activities.

The winner receives the flag (which has been flown on-Center during this past year due to NWC's receiving the top spot in last year's competition), and all other finalists receive certificates of appreciation from SECNAV.

All Navy activities were mandated to cut their energy consumption by 20 percent during the 1975 through 1985 decade. By a combination of conservation and use of alternate energy, the Center has cut its use 25 percent in just half the allotted time, and hopes to achieve energy self reliance for its physical plant and motor vehicles by 1990. Since the success or failure of any program is largely dependent on the ad-

(Continued on Page 4)

Selectee for high SECNAV post given briefings

In further preparation for a position he has been chosen to fill as Assistant Secretary of the Navy for Research, Engineering, and Systems, M. R. (Mel) Paisley was at China Lake last week for a broadscale orientation on current developments in a variety of programs in which the Naval Weapons Center is involved.

In addition, he told about foreign sales of the Sidewinder missile and the co-production agreement of the AIM-9L with West Germany.

Bernie Wenzl, head of the NWC Weapons Department's Electronics Systems Branch, followed this up with information about the Charge Coupled Device (CCD) seeker — a technology program that is a leading candidate for inclusion in the AIM-9M product improvement program.

Wenzl's presentation included vu-graphs on the CCD seeker program, a technical description of the work, and a hardware-in-the-loop simulation demonstration during which the CCD seeker was mounted on a Sidewinder frame and put through its paces on a 3-axis flight table that simulated both missile and target motion.

At Echo Range, where Paisley's host was

Robert Corzine, acting head of the NWC Electronic Warfare Department, the man designated to serve as the Ass't SECNAV of Research, Engineering, and Systems witnessed the simulated attack of an A-7E aircraft against enemy threat systems on the ground, and had the opportunity to observe various attack aircraft tactics and maneuvers.

During a presentation made by Tom Hamilton, Paisley was briefed on the Advanced Intercept Air-to-Air Missile, a weapon now in the early concept formulation phase that is proposed for development to meet needs foreseeable in the 1990 time frame.

Hamilton, who heads the Advanced Medium and Long Range Anti-Air Program Office in the NWC Weapons Department (Code 3905), discussed the concept of the Advanced Intercept Air-to-Air Missile and how it was formulated, as well as the

(Continued on Page 4)



FLIGHT SIMULATION DEMONSTRATED — A Charge Coupled Device (CCD) seeker, mounted on a Sidewinder missile frame, was put through its paces on a 3-axis flight table that simulated both missile and target motion during an orientation on weapons systems and programs that was provided here last week for M. R. (Mel) Paisley. As this photo was taken, Paisley, the Ass't SEC-

Congress works on military pay bill compromise

The U.S. Senate and the House of Representatives have, since last Friday, passed separate legislation on 1981 pay increases for military personnel that are scheduled to become effective on Oct. 1.

Following action on Tuesday by the House of Representatives, the two versions of the Military Pay Bill have been referred to a Senate and House conference committee that is tasked with the assignment of resolving the differences in the proposed Military Pay Bill before presenting it to President Ronald Reagan for his signature.

On Sept. 11, the Senate unanimously (81-0) voted pay raises for the Armed Forces averaging over 14 percent. The proposed pay increases range from 7 to 22 percent for the two million men and women in the Armed Forces.

The U.S. Senate's Military Pay Bill is designed to encourage experienced officers and enlisted personnel to remain in the military service. It sets up a sliding scale of increases. For example, recruits, now paid \$501 a month, would get a 7 percent pay boost, while some senior sergeants and petty officers would get as much as 22 percent. Raises for commissioned officers would vary from 9 to 17 percent.

The Military Pay Bill voted upon by the U.S. Senate also would increase allowance for quarters and subsistence, hazardous-duty pay, flight pay, and includes enlistment bonuses and special pay for diving duty.

Tuesday's vote by the House of Representatives on its approach to the Military Pay Bill question called for a 14.5

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PATENT AWARD PACE SETTER — Jon T. Matsuo (at left), a supervisory aerospace engineer in the Parachute Systems Department, recently received his 13th parachute-related patent award...

Four external degree courses planned here by CSB this fall

Cal State Bakersfield has scheduled four external degree courses at the Naval Weapons Center during the fall quarter. "Managerial and Organizational Performance" is an examination of major concepts and theories as they affect behavior and performance in organizations.

University, Chico, and is applicable to an external degree in Computer Science. It will be held on Wednesdays from Sept. 23 through Dec. 2. "Public Administration and the Political Process" examines the function of public administration in a democratic political system.

Parachute System Technology course slated Enrollment applications are now being taken for a three-day course on Parachute System Technology that will be held Oct. 6 through 8 from 12:30 to 4:30 p.m. at the Training Center.

Topics to be covered include parachute materials, parachute strength analysis, parachute vehicle systems, recovery system components, parachute design, and testing of parachutes and recovery systems.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 24. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only.

Announcement No. 99-24-81.1, Police Officer, GS-493-2/3/4, Code 2413 — Temporary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) police officer positions.

Announcement No. 26-231, Automotive Mechanic, WG-5821-10, JD No. 1726, Code 28773 — Position is located in the Automotive Section, Transportation Division of the Public Works Department.

Announcement No. 90-012, Secretary (Typing), GS-318-4/5, PD No. 800022, Code 022 — This position is part-time. It provides clerical, typing, and other administrative support to the Staff Judge Advocate.

Announcement No. 25-232, Mail/File Clerk, GS-305-4, PD No. 812629N, Code 2402 — Position is located in the Department Staff Office of the Public Works Department.

Announcement No. 25-069, Supervisory Supply Technician, GS-200-7, PD No. 792589N, Code 2314 — This position is head, Quality Assurance Branch, Planning and Administration Division, Supply Department.

Announcement No. 31-027, Supervisory Physicist/Electronics Engineer, DP-3/4, PAC No. 8031561, Code 3151 — This position is the head of the Laser Systems

Announcement No. 26-230, Pipeliter Foreman, WS-4202-10, JD No. 717003SE, Code 26414 — Temporary promotion NTE one year, but may become permanent at a later date.

Training class

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 094 before the deadline listed.

- ME 240 — Convective Heat Transfer, Oct. 6-Dec. 15, 9 to 11:30 a.m., deadline Sept. 23. ME 201 — Advanced Dynamics, Oct. 20-Dec. 17, Tuesday and Thursday, 4:30 to 6 p.m., deadline, Oct. 6.



DIVINE SERVICES

- PROTESTANT 1000 Sunday Worship Service 0830 Sunday School — All Ages 0830 Thursday Men's Prayer Breakfast 0630 ROMAN CATHOLIC MASS 0830-1130 Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135 Blessed Sacrament Chapel

Another season of Premier League bowling underway

The fall-winter season of competition in the Premier (scratch) League began on Monday night at Hall Memorial Lanes. The Premier League has gone to a 20-point system of scoring the weekly team matches.

Vitro started off the season by piling up a total of 16 1/2 out of 20 points in its match with Partlow Construction to move into first place. Trailing by just a half-point in second are the Cockey Bull keglers, who had the high team game (1026) and high team series (2969) scores for the evening.

Individual bowlers who topped the 600 series mark, and their scores, were: Chuck Rouland (655), Chuck Albright (635), Dave Vander Houwen (613), Ron Williams (607), and Hub Zimmerman (606).

Premier League keglers with single game scores of better than 220 were Bob Wallace (255), Albright (243 and 221), Rouland (236 and 227), Jim Dillon (236), Zimmerman (235), Will Levy (229), Gene Lish (225), and Art Karrer (224).

Current league standings are: Team, Vitro, Cockey Bull, Raytheon Sidewinders, Turner's Real Estate, Elks Lodge, ERI Hustlers, Sonnenberg Enterprises, Buggy Bath, Hideaway, Partlow Construction. Columns: Won, Lost.

Burros win . . .

after the touchdown to make the score Burroughs 10, Barstow 8.

Time was now the ally of the Burros, who took the ensuing kickoff with a little more than 3 1/2 min. left to play in the game and used up 2 1/2 min. before a fourth down punt by Fulton that carried 51 yds. put the Aztecs deep in their own territory at their own 12-yd. line.

Earstow, a team that was unable to complete a pass all night, wasn't geared for any kind of a last-minute comeback needed to win the game, and had to settle for 10-8 defeat by the Burros.

Players singled out for praise by John Higdon, head coach of the Burroughs varsity after the game at Barstow, were Bryan Manley, a guard on offense and linebacker on defense; Scott Fulton, tight end on offense and linebacker on defense; Jeeter McAlpin, who also went both ways as a ball carrier on offense and defensive back when Barstow had the ball; and Andrew Byrd, who handled the free safety position for the Burros.

Rec. Roundup . . .

(Continued from Page 6) to be decided upon during Monday afternoon's meeting. The NWC varsity basketball team is to be coached by Ens. Dorrell. He can be contacted for additional information by calling 3411 ext. 243.

GOLFERS DO WELL Two local golfers qualified this past Monday to play in the Southern California Golf Association's partner's best ball tournament that will be held at La Quinta (in the Palm Springs area) next Thursday and Friday, Sept. 24-25.

The golfers are Cdr. Jim Kincheloe, head of the NWC Aircraft Department's Ordnance Division, and Alan Batchelder, a local resident and graduate of Burroughs High School, who is now attending school and working in Long Beach.

Cdr. Kincheloe and Batchelder teamed up to turn in a score of 68 (including handicap) during a preliminary round played Monday at the Calabasas Country Club. Of the 120 teams entered on Monday, 20 qualified for the SCGA tournament at La Quinta.

employee in the spotlight

By Mickey Strang

"And not only would I start here again, but I'd advise any young scientist to try it for awhile."

David Livingston



When David Livingston came to the Naval Ordnance Test Station — now NWC — following graduation from college in March 1948, he planned to stay just a few months until a job for which he had qualified back east became available.

Now, after 33 years, he plans to finally leave the Center but for retirement rather than a job elsewhere. This retirement may include consulting as well as tending to "fixing up around the house" that's nearly always a part of retirement planning, and it will be done in Ridgecrest because Dave and Pat, his wife, are going to remain in the area.

"And not only would I start here again," says Dave, "but I'd advise any young scientist to try it for a while. The Center still gives everyone the broadest possible freedom to develop himself as a scientist or manager, and the work is challenging. Here a young man or woman can take responsibility much more quickly than is possible in industry."

Responsibility and growth are two catchwords for Dave's career at China Lake. He began working with range instrumentation before switching into gun and rocket fire control.

"Accuracy is vital in weapons systems and when the fire control and bombing systems could no longer be improved, we put the guidance on the bombs and rockets to create today's 'smart' weapons," Dave says.

Dave's head and hands were involved with the Mark 16 gun and rocket fire control, and then the Mark 9 bomb director, both of which got into the Fleet, the latter as the Shrike envelope and bomb director. This interest in guidance systems led to his being one of the developers of Walleye, the TV-guided glide weapon that scored such outstanding successes wherever it has been deployed.

The work on Walleye as program manager earned him the Center's highest award, the L.T.E. Thompson Award, which he

received in 1967. Part of the letter of nomination for that award states that "The quantity of work handled by Mr. Livingston has been extraordinarily great and the amount of flexibility and adaptability required and demonstrated has been similarly staggering."

This flexibility and adaptability was also tested during the time that Dave spent as Science Advisor for the Seventh Fleet in Japan. "An interesting operation," he says, noting that he was the second person in a row from the Center in that position since he replaced Jack Russell, who is now head of the Engineering Department, in that job. Since his return from Yokosuka, he's been head of the Electro-Optics Division in the Weapons Department.

A lot of changes have occurred at China Lake since he first arrived. Some have been definitely pleasant ones such as the improved living conditions. He and Pat spent the first few months of their married life aboard "house-sitting" and then ended up in a married couples' dormitory before they finally got a place of their own.

"This is a good place to live," Dave says, "and one of the best things about it is its closeness to fishing waters and places to camp." Going fly fishing has been a delight of his life and he intends to spend a lot of the next few years beside the waters in the mountains north of Bishop.

Changes that are less good include more reviews and restrictions on work because this means that R&D people have less flexibility. "In the old days we were able to try high risk projects — which is where the great payoffs are achieved — and yet we were not penalized if they didn't come off. Now you have to prove that a concept can work before you're permitted to try it.

"But it's still an exciting place to be, and I'm very glad to have had the experience. And I think that anyone who has worked here can say the same," Dave adds.

Promotional opportunities

(Continued from Page 2)

Branch of the Targeting Division in the Aircraft Weapons Integration Department. The incumbent will manage programs in the field of lower power laser systems and automatic laser test equipment. The incumbent performs extensive liaison with aircraft program offices and with Navy and DoD sponsors. Job Relevant Criteria: Knowledge of power laser principles and operation, optical design principles, testing principles of lasers and optical systems, principles of electronic design and testing; ability to plan and budget programs, to prepare reporting documents and technical presentations and to maintain effective liaison with numerous sponsors; ability to supervise and manage a small organization; interest in and support of EEO objectives.

Announcement No. 31-028, F-18 Deputy Program Manager, Engineering/Supervisory General Engineer; Mechanical Engineer; Electrical Engineer; Electronics

Enrollment open in classes offered at Crafts Center

Cooler weather and getting the kids off to school may inspire a surge of energy that can be well channeled into classes held at the Recreational Service Department's Crafts Center.

Both beginning and advanced ceramics will be taught by Barbara Adams on Thursday evenings from 6 to 8 at the Craft Center, starting Sept. 24. The classes will be held for six consecutive Thursdays.

China painting will be taught by Mrs. Adams on six Wednesday evenings starting on Sept. 23. This class will also be held from 6 to 8 o'clock at the Craft Center.

Beginning and advanced macramé techniques will be taught by Sherri Noble for six Tuesdays starting on Sept. 22. Macramé classes will be held at the Craft Center from 5:30 to 7:30 p.m.

Registration fees for all classes will be \$10 for active duty or retired military and their dependents, and \$12 for civilians. Those who wish to take any of the classes must sign up at the Craft Center before the first class date, and students are responsible for their own supplies.

Engineer; Aerospace Engineer; Physicist, DP-4, PAC No. 8131582, Code 3107 — The Deputy Program Manager, Engineering, is responsible to the program manager for the technical activities of the F/A-18 WSSA Project. In this capacity he is responsible for all project technical activities. This includes the development of plans, schedules, budgets, and manpower estimates for tasks assigned to him or his supporting engineering staff and for tracking progress and expenditures in relation to the plans and schedules. Job Relevant Criteria: Knowledge of all hardware and software aspects of avionics systems and subsystems; understands the operational software development process; familiar with digital computer simulation; familiar with system engineering process; understands Center support functions; ability to deal effectively with all levels of personnel inside and outside the government; interest in and support of EEO objectives.

Announcement No. 32-023, Explosives Test Operator Foreman, WS-65-010, PD No. 772003, Code 2372 — This is a promotion not to exceed one year. This position is located in the Explosives and Propellants Branch, Propulsion Systems Division, Ordnance Systems Department. The incumbent is responsible for supervision of work performed by explosive workers and machinists assigned to the branch engaged in the processing, assembly and disassembly of experimental propellants and explosives, impulsion and explosive devices, and/or materials for a large variety of technical research and development programs.

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Announcement No. 94-008, Medical Technologist, GS-444-7/9, PD No. 8194003N, Code 94 — This position is that of medical technologist for the China Lake Branch Clinic of the Long Beach Naval Regional Medical Center. The incumbent performs complex tests and examinations of samples of fluids and body substances from patients. The position is responsible for supervision and training of laboratory staff. Job Relevant Criteria: Knowledge of hematology; ability to evaluate and interpret quality control data and knowledge of quality control programs; knowledge of the procedures and theory of basic chemical analysis; knowledge of urinalysis and semen analysis. Promotion potential to GS-9.

Announcement No. GY-853, Golf Pro Shop Manager, AS-1101-06, PD No. 810101N, \$4.91 per hour plus full benefits, permanent-full time, Recreational Services Department, Golf Course Pro Shop, Code 221 — This is not a Civil Service position. This position is located at the China Lake Golf Course Pro Shop, Recreational Services Department. The incumbent will supervise the play on the course, driving range and putting green. Will act as a starter on weekends and holidays and acts as a buffer for smooth crossover from one side to the other. The incumbent will determine the merchandise for stocking as to other good selections to all patrons. Is responsible for the cleanliness and policing of the club house facility. Will maintain records and reports as required. Job Relevant Criteria: Should know how to play the game of golf and understand the rules; must have tact, use common sense and accept criticism; be sensitive to the needs and interests of the golfing public; work well with others, and be a contributing part of the golf course team; must have developed managerial skills in the area of merchandising, planning, record keeping, and supervision. To apply for this non Civil Service position, submit a completed SF-171 to Rm. 100, 505 Blandy Ave., Personnel Department.

Announcement No. 3443, Engineering Data Management Specialist, GS-301-11, PD No. 8136022E, Code 3451 — This position is located in the Data Acquisition and Control Branch, Technical Data Division, Engineering Department. The incumbent will plan, program, implement and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. Job Relevant Criteria: Ability to program for new requirements; knowledge of configuration accounting and governing standards, directives and specifications; ability to read, comprehend and apply written materials and to learn new procedures; ability to plan, program, implement and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. Job Relevant Criteria: Ability to coordinate, ability to motivate other documentation team members and to persuade; ability to communicate orally; ability to communicate in writing;

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Recreation Roundup

Volleyball League team rosters due now at gym office

Team rosters from those interested in taking part in the winter season of volleyball competition at the Center gym will continue to be taken until 4:30 p.m. today at the gym office.

Starting date for the season (most likely some time next week) will be decided once all of the team rosters have been received.

There will be a Co-ed Division for six-player teams, and another division for two-member teams, each of which can have three players on its roster.

The winter volleyball season will continue from late September until the early part of November. Volleyball league participants must purchase a sports activity card, but this can be delayed until the date set for the start of season play.

The charge for volleyball sports activity cards is \$8 for Department of Defense civilians and \$10 for non-DoD civilians. There is no charge for military personnel.

SOFTBALL LEAGUE UNDERWAY
Play began Wednesday night at Schoeffel Field in the 1981 Winter Slow Pitch Softball Military League.

Three teams that have a combined total of 50 players are entered in this league. Games are being played on Mondays and Wednesdays, starting at 6:30 p.m., at Schoeffel Field.

The league opener was a game between the Tigers and NWC O's, and on next Monday night it will be NWC O's vs. Sierra Valley.

Managers of the three league entries are Larry Clawson, of Sierra Valley; Chris Long, for the Tigers, and Tom Mariner, of the NWC O's.

The season is scheduled to end on Nov. 9.

NWC BASKETBALL TEAM

A meeting of all military personnel interested in playing on the NWC varsity basketball team will be held at 4:30 p.m. Monday at the Center gym.

At that time, plans will be discussed, and several printed sheets on the principles of basketball offense and defense will be distributed.

The team's first practice session will take place next Wednesday, Sept. 23, at a time to (Continued on Page 7)

Commander's Cup competition in flag football begins Tues.

Commander's Cup athletic competition in flag football is scheduled on Tuesday, Wednesday and Thursday, Sept. 22-24, at 3:30 p.m. at Schoeffel Field.

Teams representing NWC Gold and VX-5 will play on Tuesday afternoon, with contests to follow between NWC Blue and NWC Gold, and VX-5 vs. NWC Blue on Wednesday and Thursday, respectively.

Eight players on the field, plus reserves, are needed for each team. Military personnel interested in participating in the flag football competition are asked to contact their representative on the Military Athletic Committee.

Those to contact are: for NWC Blue (Code 61), AT2 Rob Ross, phone NWC ext. 5394; for NWC Gold (all NWC codes except Code 61), Ens. Ken Dorrell, 3411, ext. 243; and for VX-5 call either Lt. T. R. Ringle, ext. 5357, or YN3 Shelly Reifke, ext. 5244 or 5263.

At the present time, VX-5 is leading in the Commander's Cup standing with 8 points, followed by NWC Gold in second with 6, and NWC Blue trails with 4 points.

Burros nip Barstow 10-8 in grid season opener

Getting the 1981 varsity football season off on a winning note, the Burroughs High gridriders racked up a 10-8 win over their counterparts from Barstow High in a game played last Friday night in Barstow.

Burros grid fans unable to make the trip to Barstow for the season opener will have the chance to see the local team in action tonight when the BHS varsity hosts the North High School football squad from Bakersfield. Kick-off time will be 8 p.m.

The varsity contest will be preceded by freshman, and sophomore/junior varsity games that will get underway at 3:30 and 5:30 p.m. respectively.

Two teams, both lacking in experienced players, clashed last Friday in Barstow. Both had the same problem of being unable to jell consistently on offense, but when push came to shove, the Burros had the edge on defense in the crucial final quarter when the



GETTING TIMING DOWN — An intersquad scrimmage was held last week by the Vikings, of the Freshman (Peewee) Division, in preparation for the Tri-Valley Youth Football League's season opener tomorrow against the Chargers, another Indian Wells Valley team. As this photo was snapped, Troy Fenton, quarterback for the Vikings, turns to hand off the ball to Seth LaBorde, a halfback, on a running play. The other backfield man is David Ghormley. Throwing a block on an opposing lineman is William Graham No. 16, split end for the Vikings, who are coached by Les Robinson and Dick Page.

Youth Football League play starts Saturday

The Tri-Valley League's 1981 football season will begin her arrow at Kelly Field on the Murray Junior School campus.

There are eight Indian Wells Valley Youth Football League teams, composed of youngsters between 8 and 14 years of age, who will face off against one another.

It will be the Vikings vs. the Chargers at 9:30 a.m. in the Freshman Division; the Chiefs vs. the Bears at 12:30 p.m. in the

Trout fishing will be both more pleasant, more productive during cooler days of fall

Slightly cooler days mean that trout fishing will be more pleasant as well as more productive.

Bridgeport Lake is very low, and still fishing from a boat seems the best way to ensure a good catch. Fishermen using nightcrawlers are catching both brown and rainbow trout weighing from one to four pounds.

Fly fishermen are doing well in the East Walker River — brown trout averaging 14 inches are going for Hornsberg Special, black and white Maribou and Sierra Sculpin fly patterns, and Rapala, Kastmaster and Rooster Tail lures also are tempting them.

Upper Twin and Lower Twin Lakes are producing good pansized rainbow trout by both shore anglers and trollers. These are being caught on marshmallows, floating baits and salmon eggs. Levett Lake and Roosevelt Lake anglers are coming home with brookies of up to two pounds; use worms to lure them to bite.

Lee Vining Creek and Lundy Lake are both hot spots for pan-sized rainbow trout. Salmon eggs or worms are best in the creek, and lake anglers do best with flies, worms, salmon eggs, lures and marshmallows. Fish either very early morning or late in the day for best results.

All of the lakes in the June Lake area are

only touchdowns of the game were scored.

Repeated mistakes on offense kept both teams from putting any points on the board in the first half, and the players left the field at the half-time intermission locked in a scoreless tie.

With a little more than half of the third period played the Burros succeeded in retaining possession of the ball on a series of running plays that finally ran out of gas on the Barstow Aztecs' 17 yard line.

Scott Fulton, the Burros' 6 ft., 4 in., 220-lb. tight end, who also handles the punting, kickoffs and extra point tries, was then called on to attempt a field goal. With the ball spotted at around the 25 yd. line, Fulton booted a field goal that broke the scoring ice and gave the Burros varsity a 3-0 lead.

After taking the ensuing kickoff, the Aztecs gained 8 yds. on three plays and punted on fourth down to the Burroughs

High 26. Moments later, after recovering an errant pitchout by Danny Means, Burros' quarterback, at the Burroughs 19, the Barstow team had the field position it needed to move in for a score.

Thanks to a staunch defense by the Burroughs, however, the Aztecs were halted just inches short of a first down on a series of plays that began when Mike Garrett dumped Todd Edwards, the Barstow quarterback, for an 8-yd. loss.

Scott Greene, the Barstow fullback, got that 8 yards back plus five more on second down, but the Burros' defense stiffened and held on fourth down just inside its own 11 yd. line.

A fumble on first down turned the ball back over to Barstow, this time with first and goal to go on the Green and White 10 yd. line. Once again the Aztecs were unable to capitalize on a golden opportunity to score. An illegal procedure penalty nullified a short gain on a running play before the Aztecs tried and failed to complete three short passes.

With the defense having held once again for Burroughs, the offense came up with a game-breaking play. After a smash into the line gained 2 yds. out to the 16 and a pass fell incomplete, Quarterback Means dropped back on third down and 8 and spotted Troy Shull, the Burros' wide receiver, running in the clear at around midfield and fired the ball to him. Shull caught the ball on the dead run and sprinted the remaining distance to the end zone to complete what was an 84-yd. scoring play.

The PAT by Fulton increased the Burroughs High lead to 10-0 with almost nine minutes left to play in the fourth quarter.

Stung by this turn of events, the Barstow Aztecs received the kickoff and ground out a 63-yd. scoring drive of their own. Greene, the Aztecs' 6 ft., 1 in. 190 lb. fullback, was the principal ball carrier on this drive that consumed 5 min. of playing time. He also plowed over the 2-yd-line for 2 more points (Continued on Page 7)

Results reported of 1st invitational reunion golf tourney

Last weekend's first invitational reunion golf tournament, held at the China Lake golf course, drew a field of more than 120 entries who competed in the two 18-hole rounds of golf and joined with their guests in social events that included a cocktail party at the Commissioned Officers' Mess, a dinner-dance at the Chief Petty Officers Club, and a buffet-style lunch at the CPO Club during which awards were presented to the winners.

The overall winner was Don Zurn, whose score of 123.15 (including handicap) was 21 under par.

Zurn received a trophy for his efforts, as did the winners of each of the various divisions of the tourney. These golfers and their scores, including handicap, were Division A, Dick Davis, 123.7; Bob Glenn, Division B, 124.7; Ken Day, Division C, 125.7; and Don Puckett, Division D, who also fired a total of 124.7.

The players competed in foursomes composed of one player from each division in what is called a "scramble" type of tournament.

Cdr. Jim Kincheloe, a member of the tournament committee, presented the trophies and other awards at the buffet luncheon held following the tourney. Cash awards ranging from \$35 for first place to \$10 for sixth place were presented to the best golfers in each of the four divisions.

The senior military officer to return for this invitational reunion golf tournament was Capt. Larry Dewing, a former Commanding Officer at the Naval Air Facility, who now lives in Grass Valley, Calif.

The tourney entry list also included five former China Lake Men's Golf Club champions, one of whom (Dale Mead) is the golf pro at the Del Rio Country Club in Modesto. The other former champs who were turned out for this event were Leo Enriquez, Gus Mead, Max Smith, and Marv Rush.



UP TO DATE INFORMATION — Salvador Montenegro, speaker at the Hispanic Heritage Week luncheon held Monday, points out in Monday morning's newspaper the results of youth gang violence in Los Angeles. He discussed changes in youth gang actions during the past years and suggested ways to deal with these gangs.

Hispanic Heritage Week speaker discusses youth gang problems

Youth gangs are no longer just the problem of big cities, according to Salvador Montenegro, a retired police commissioner of the Los Angeles Police Department.

Montenegro, who spoke at a well-attended luncheon Monday in observance of National Hispanic Heritage Week, said that increasing numbers of the 52,400 youths in California involved in 765 youth gangs are now living in suburbs or in small towns, and that gang-related violence is moving into these areas as well.

According to Montenegro, the gangs of the 1940s used clubs, knives and chains against each other, and seldom did any victim die. The gang of today, whether it be Hispanic, black, oriental or white, is more apt to use shotguns and revolvers, and deaths regularly result. Not just gang members are killed in this way, he noted, but many innocent bystanders have also died.

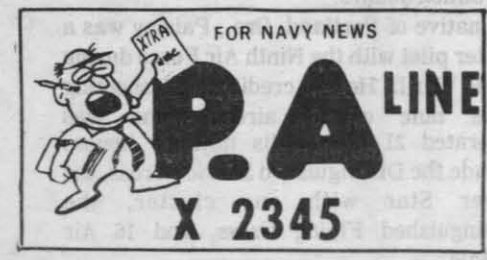
Gang members are even proud of killing, he said, feeling that they have destroyed their enemy. They believe themselves an elite, having a uniform style of dress, their own language, and their own point of view.

All youth gang members have three things in common: they come from the inner city, they are members of some minority group, and they have an emotional need to belong and to gain status by belonging.

City, county and law enforcement personnel are sponsoring a number of different programs to try to cope with the problems of youth gangs. Most such problems center on substituting a positive direction for the young people to enter rather than needing to gain recognition, protection or brotherhood from gang membership.

Jobs are essential, he says. These are hard to find for dropouts and for the untrained, and industry might need to have some special incentive to open its doors to train these young people in productive skills, the speaker said.

Montenegro noted also that workshops in prisons that could train jail or prison inmates in job skills don't seem to be used very heavily by the prisoners, and feels that



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. Jude Lahr. Please call NWC ext. 2727 with your question, and state whether you are a military member, civilian employee, or a dependent. No other identification is necessary. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian employee — I can't see why we can't have a new phone book every year or year and one half whether we need it or not. Why must so much time elapse from one edition to the next?

ANSWER

Your question concerning the Center's telephone directory is valid and one which many China Lakers have asked. The Head of the Communications Division assures me that a new and updated Center telephone directory will be published and distributed in early November. There were two significant reasons why the directory hadn't been updated since its last publication in March 1980. First, the printing process that previous editions were published under was at best cumbersome. It took about six months for the process to be completed. Second, since the last directory edition's publication, there have been significant organizational changes in various departments and divisions throughout the Center. The Communications Division felt that it would be best to publish a directory with all of the latest organizational changes in it. As a matter of information, the new telephone directories will be produced locally on the base, thereby reducing the publication time by several months and allowing for a quarterly update of the personnel section.

Enrollment now open in Pre-retirement Planning Seminar scheduled next month

Enrollments are now being accepted for a Pre-retirement Planning Seminar that will begin on Wednesday, Oct. 7, and continue one day a week through Nov. 18.

Most of the segments (except the one on "Planning for a Successful Retirement") will be 1½ to 2 hours in duration. The "Planning for a Successful Retirement" session will be an all-day workshop. The total amount of time required for the seven-week seminar is 16 hours.

Fiscal year end timecards due early on Sept. 25

To ensure that it will be a happy new fiscal year (beginning on Oct. 1), all employee timecards must be in by 8:15 a.m. next Friday, Sept. 25, so that deadlines for closing FY 1981 can be met.

If timecards are not submitted by that time next Friday, employees may not receive their pay on time, and incomplete data may result for the end of the year.

Departments will need to project or estimate what will occur on Friday, Sept. 25, in order to get the cards submitted on time. If changes occur, department representatives can come to the Payroll Office to make necessary corrections between 3 and 4:30 p.m. on Sept. 25.

Mistakes discovered after that time should be corrected by personally delivering a memorandum to the Payroll Office no later than 4 p.m. on Monday, Sept. 28.

Any overtime worked on Friday night or Saturday, Sept. 26, should be submitted on a supplemental timecard no later than 4 p.m. Monday, Sept. 28.

ENFN Kudo chosen as NWC Sailor of Month

Engineman Fireman Kent K. Kudo has been selected as Naval Weapons Center Sailor of the Month for August.

Fireman Kudo has an unusual duty for China Lake — he is attached to a boat crew, specifically to the crew that tends two 18-ft. boats and one 26-ft. boat at Baker Range. These boats are not kept on-center in case China Lake suddenly fills with water, but are used by the Parachute Systems Department for pulling parachutists out of the water at Lake Isabella when they make overwater drops.

Since such water operations are sporadic, ENFN Kudo has also helped with a variety of other tasks such as picking up and delivering mail, making visitor checks, and generally being of assistance wherever needed.

Ens. Cynthia Kurtz, who wrote the letter of nomination, notes that Fireman Kudo conducts himself in a professional manner in his day to day activities and is an all-around good sailor.

ENFN Kudo selected his rating because

he likes mechanics; he made the choice and came into the Navy through a delayed entry program that had him putting on his blues as soon as he finished Hilo High School.

The desert, he says, is quite a change to him from his home in Hawaii, but he likes it



ENFN Kent T. Kudo

considerably better than Great Lakes where he spent a good part of last winter.

He was not a complete stranger to snow — it does snow in Hawaii, Fireman Kudo says, to such a point that he has even tried his hand (or his feet) at skiing. According to him, the most unusual aspect of skiing down the slopes of snowy Hawaiian mountains is that old surfboards rather than skis are used, and skiers are more apt to be wearing bikinis than parkas.

Surfing is ENFN Kudo's preferred sport, but since he can't surf in the local area, he's been going to the Center gym to swim and to lift weights. His next duty station — back to Hawaii — will permit him to resume his favorite sport once more.

For being selected as the NWC Sailor of the Month, ENFN Kudo received a month free of duty, 96-hour special liberty, a parking place at the Enlisted Mess and two free dinners there, a letter of appreciation from the Command, and an NWC plaque with his name engraved on it.



MAJOR OPERATION — All the trees at the Administration Circle got a thorough pruning as part of the \$80,000 contract for trimming of healthy trees and removal of diseased or dead trees held by Richards Tree Service of Yuba City, Calif. A fringe benefit of the trimming will be that area residents will be safer from flying branches when winter winds start whistling. — Photo by Jeff Johnson

Transmitter problem at B Mt. cause of poor KNXT reception

The Indian Wells Valley TV Booster has been experiencing some difficulty with the transmitter for KNXT on Channel 2 at the B Mountain site. According to Ed Middlemiss, a volunteer worker for the IWV TV Booster, Inc., part of the problem is due to the failure of an air conditioner at the site. This has been compounded by an intermittent problem with the translator itself that has caused Channel 2 output to vary over the course of the day.

"Since most of the TV Booster people are at work during the day, we hadn't seen the problem. That is why it's important that our viewers keep us informed about problems with TV reception they might have," Middlemiss said.

The B Mountain problem is not related to a power outage of about two hours' duration that occurred during the downpour on Sept. 8. This heavy rainfall knocked out all booster stations (both TV and FM radio), and apparently also caused an outage at local radio station KZIQ-FM, leaving in operation only local radio stations and KIOQ and KTOT, both of which are operated by an independent organization from a different mountain-top site that is equipped with standby electrical power.

Those eager to watch KNXT TV while the TV Booster engineers wait for parts can still pick up a high-quality picture on UHF Channel 57 with an antenna pointed southwest toward Laurel Mountain, Middlemiss said.

Additional information about the IWV TV Booster can be obtained by writing to "TV Booster," P.O. Box 562, Ridgecrest, Calif. 93555.

Energy savings . . .

(Continued from Page 1)

administration of effort, at NWC the emphasis has been to include everyone at all levels in energy conservation programs.

The Center's outstanding achievement in cutting consumption more than the mandated amount in half the allotted time plus its strong alternate energy use programs also were recognized by its winning the Federal Executive Board Energy Achievement Award for both fiscal year 1979 and 1980.

\$ available to cut energy costs by modifying existing facilities

The Navy is proving its strong support of energy conservation by allocating significant funds to reduce energy consumption by retrofitting existing facilities.

Projects costing more than \$100,000 are funded through the Energy Conservation Improvement Program (ECIP); those costing less than that amount are funded under the Energy Technology Applications Program (ETAP).

To be considered for funding, a retrofit of an existing facility must have an economic analysis performed that shows that the dollar savings realized over the life of the project shall at least equal the project cost, and that the energy savings in millions of British Thermal Units for each \$1,000 of project cost meet the following ratios: ECIP, 20 in FY 1981, 19 in FY 82, 18 in FY 83, and 17 in FY 84; ETAP, a ratio greater than 20 each year.

ECIP and ETAP projects at NWC that

have already been completed include boiler plant consolidations at Armitage Airfield and in the FH areas, conversion of exterior floodlights at Hangars 1, 2, and 3, and the replacement of lighting at the athletic field.

Projects underway or proposed include energy monitoring and control systems for Michelson Laboratory, Solid State Laboratory, boiler plants and the water system; replacement of steam condensate lines to the Administration Building and the Public Works area; and conversion of hangar bay and Michelson Laboratory machine shop lighting and exterior floodlighting to a more efficient energy type.

Any recommendations for possible projects of this nature should be forwarded to the Energy Program Office for follow-up action.

Selectee for high post in Office of SECNAV receives briefings . . .

(Continued from Page 1)

technology base undergirding it. In addition, he reported on the weapon's expected operational utility (what aircraft it will be fitted on), and how it will be used.

Terry Haven, an operations research analyst in the Weapons Planning Group, provided the distinguished visitor with information on the Weapons Tactics Analysis Center (WEPTAC), where assigned personnel have the task of evaluating a weapon in the context of its use with all other weapons in a Fleet or task force.

Looked at specifically during the visit by Paisley were evaluations of air-to-ground tactics being conducted by Air Test and Evaluation Squadron Five. He also was interested in the tools used in evaluating the

latest versions of the Sidewinder missile.

Input on the Sparrow AIM-7F missile and the AIM/RIM-7M, a ship-launched version of Sparrow, was provided for Paisley by Mark Stenger, head of the Weapons Department's Sparrow Program Office (Code 3908).

Paisley had the opportunity to look around the Sparrow lab and inspect hardware illustrative of the evolution of the Sparrow missile. The AIM-7F model is now in production, while the AIM/RIM-7M is in the development test phase.

Leroy Marquardt, acting head of the Aircraft Weapons Integration Department, talked about weapons integration in general, and specifically about how to go about integrating Harpoon and the Medium

Range Air-to-Surface Missile into the arsenal of aircraft-delivered weapons.

In addition, Marquardt outlined the kind of work that goes into verifying whether or not the design of a weapon or missile is suitable for aircraft delivery and, once that question is settled, then setting up the steps that must follow to stay in touch with Fleet personnel and be responsive to their needs as they relate to the introduction and operation of new aircraft weapons.

Paisley joined the Boeing Co. immediately after completing graduate school at the Massachusetts Institute of Technology in 1954. His education is in electrical engineering.

His 27 years with Boeing have provided Paisley with a wide variety of experience related to the development and production

Police reports . . .

Theft of a wallet from her purse was reported last Thursday afternoon to China Lake police by an employee who works at the Community Center. The purse had been left on top of a file cabinet in the Recreation Office.

Contents of the missing wallet included a ring valued at \$180 and approximately \$20 in cash.

BICYCLE STOLEN

A burglary that resulted in the loss of a bicycle valued at \$250 was reported Sunday to China Lake police.

Instead of locking the bicycle, its owner had stored it inside one of the offices at the Center gym. It disappeared sometime between Sept. 8 and 13, when the owner was unable to find it and filed a report with China Lake police.

VANDALISM AT TRAILER

Vandalism of a painting contractor's storage trailer, which had been left in a parking area on Rowe Street, was reported Tuesday morning to China Lake police.

Eight cans of paint were opened and their contents spilled on the trailer and the ground around it. Damage was estimated at \$60.

Change announced in procedure for turning on heaters

The Utilities Division of the Public Works Department is in the process of turning on heating systems for family housing units at China Lake.

Residents who are not home when the serviceman calls can make an appointment for this service by calling the family housing office at 3411, ext. 327. The serviceman will leave a reminder on the door.

Previous articles on this subject printed in the Plan of the Day and the Rocketeer were in error. The serviceman will not enter anyone's quarters unless the resident is home and or gives permission to enter quarters.

of major defense weapons systems, as well as detailed familiarity with the U.S. government's weapon development and acquisition process.

In addition, his steadily increasing responsibilities with the Boeing Co. have provided him the opportunity to establish relationships with military procurement management personnel in both the systems and laboratory communities within the United States, as well as with those in similar positions in nations allied to the U.S.

While on special assignment to the Defense Science Board in 1978, Paisley led the industry team that was instrumental in developing the Memoranda of Understanding for the Family of Weapons Concept in that year. His appointment to this assignment was based on his understanding of NATO military requirements, and his established relationship with the NATO military community, industrialists, and law makers.

Just prior to taking his present position with Boeing, he was the company's director of planning. In this position, Paisley was responsible for the operations planning for military and space systems involving 20,000 people and an annual expenditure exceeding one billion dollars.

A native of Portland, Ore., Paisley was a fighter pilot with the Ninth Air Force during World War II. He was credited with shooting down nine enemy aircraft and was decorated 21 times. His military honors include the Distinguished Service Cross, the Silver Star with one cluster, the Distinguished Flying Cross, and 16 Air Medals.

Skipper to present views about NWC at FMA meeting

Everyone is welcome to attend a meeting of the Federal Managers Association (FMA) next Tuesday at 11:30 a.m. at the Enlisted Mess when Capt. Jude Lahr will be the featured speaker.

Capt. Lahr will give his perspective on the Center as he has perceived it since he became the Commander on June 30, and also discuss his plans for the future.

Those planning to attend are asked to call Cathy Bosma at 446-6929 to make reservations in order to assure that adequate seating will be available.

Menu selections for the day include beef tips and noodles and liver and onions as the two hot selections, a chef salad, or any of numerous sandwiches.

Family Housing Self Help store now open longer

Starting tomorrow, the Family Housing Self Help store will, as a convenience to tenants of Navy housing, increase its hours of operation.

The schedule of operation is as follows: Mondays, Wednesdays and Fridays from 4 to 6 p.m.; Tuesdays and Thursdays from 10:30 a.m. to 1 p.m.; and Saturdays from 8 a.m. until noon.

The store, which is located at 1805 Harpoon (formerly 77 Bard), has home and yard care items for issue to family housing and civilian BOQ residents.



INFORMATION NEEDED — Help is being sought by the Maturango Museum in identifying some old, inert missiles that have been placed on display outside the local museum. According to Gordon Scallin, special projects coordinator for the Technical Information Department, who has the responsibility for the NWC exhibits' program, the missiles previously were stored near Stran Steel Building 1041, just west of Michelson Laboratory. There are five of them that are awaiting painting and identification. Shown examining one of the missiles are Bob Tuck, museum director (kneeling, at left), Scallin, and Edna Laytart (at right), administrative assistant at the museum. Anyone who can provide information on the names of the missiles and where they came from is asked to call the Maturango Museum, phone 446-6900, or Scallin at NWC ext. 2716.

Speaker at AIAA meeting to review parachute technology

David Gold will tell why "Parachutes Are Here to Stay" when he addresses a lunch meeting of the China Lake Section of the American Institute of Aeronautics and Astronautics (AIAA) on Tuesday.

The meeting will be held in the Chart Room of the Commissioned Officers' Mess starting at 11:30 a.m., and is open to all interested persons.

He will review the history of parachute development from Leonardo da Vinci to the present. The parachute technology discussed will cover parachute design, the variety of types of parachutes, and present day applications of parachutes.

Gold, who is now employed in the Parachute Systems Department, has been involved with parachutes since he was 13 when he became a stooge to professional parachutists, working at everything from servicing 'chutes to "passing the hat," a common way for collecting the exhibition jumper's fee. He has been professionally involved with parachutes since 1938.

Anyone seeking additional information or wishing to make a reservation can call Frank Wu, NWC ext. 3551; Steve Carter, NWC ext. 2627; or George Menard, NWC ext. 2943.

Small animal clinic scheduled for pets owned by military

The first small animal clinic for dogs and cats owned by active duty and retired military personnel and their dependents will be held at the Girl Scout Hut by the traffic circle on Thursday, Sept. 24, from 11 a.m. until 3 p.m.

The clinic will be conducted by Dr. Blakley, an Army veterinarian who is stationed at Port Huene. (The Army conducts all food service inspections and animal veterinary services required by the Department of Defense.)

Prime purpose of this initial clinic is to administer shots required by dogs and cats. Rabies shots for both dogs and cats will cost the animals' owners \$1.50; distemper shots are \$2.

Standard items used in small animal care such as animal vitamins, flea powder and shampoo will be offered for sale at minimal cost.

Currently, small animal clinics are planned at least quarterly. If the demand exists, these clinics may be set up on a monthly basis and additional care such as worming may be offered.

The Animal Control Officer will also be present to sell dog licenses at \$4 for each animal.

Military pay . . .

(Continued from Page 1)

percent pay increase to be applied across-the-board for all U.S. military personnel.

Taken together with an 11.7 percent pay increase authorized for military personnel last fall and a 6 percent increase in military housing allowances that was approved at the same time, the across-the-board increase of 14.5 percent voted favorably upon by the House of Representatives would result in a 32 percent pay increase for members of the Armed Forces within a year.

The Military Pay Bill passed 396 to 1 by the House of Representatives also would provide for doubling (from \$5,000 to \$10,000) the bonus paid to military personnel with crucial skills when they enlist or re-enlist for four years.

The House and Senate Bills represent a philosophical conflict over what is the military's most pressing manpower problem. The Reagan Administration argues it must be able to offer competitive salaries to young persons leaving high school in order to attract recruits. Advocates of the sliding scale approach to military pay increases contend it is more important for the Armed Forces to retain skilled personnel already in uniform.

Proposed pay increases for GS employees

Table with columns for GS levels (1-15) and corresponding pay amounts for steps 1 through 10. Includes a note: *GS-14, steps 9 and 10; GS-15, steps 4-10; GS-16, GS-17 and GS-18 are capped at \$50,112.50.

Demonstration Project proposed pay schedule

Table with columns for DP Levels (1-30) and DT Levels (1-30) showing proposed pay increments and levels.

Proposed salary rates for NWC personnel who are in the Civil Service Reform Act Demonstration Project following the 4.8 percent pay raise proposed by President Reagan are listed above. The DP levels cover scientists and engineers who are in the Demonstration Project, and the DA levels apply to administrative and managerial personnel at GS-12 or above. Salaries for technicians who are just entering the program are listed in the DT level table. Instead of step levels within each grade, employees now involved in the Demonstration Project are listed at increment levels.

