* Events College instruct college instructor

> College, will be the guest speaker at individuals: Brett Borden, NWC ext. the Fall dinner meeting of the Sigma 1417; Don Decker, NWC ext. 3247;

> Girardot will speak about "South man, NWC ext. 3124 or Dr. Richard America - Land of Confusion." The Dodge, 375-5001 at Cerro Coso.

> presentation will describe South Tickets may also be obtained from the

anthropologic heritage and colonial dent, NWC ext. 1576; Frank Wu,

impact. South America remains an vice-president, NWC ext. 3632; Brett

enigma to most in the U.S. What Borden, secretary, NWC ext. 1417;

makes South America run and why Carey Schwartz, Treasurer, NWC

the road to the future is going to be ext. 1442 and Josephine Covino, past-

difficult will be the subject of the talk. president, NWC ext. 3381.

Randsburg Players are holding auditions for the new season's melodrama Lilly, The Felon's Daughter on Sunday, Nov. 20. The auditions are set for the Randsburg Opera House, 140 Butte Ave., at 4 p.m. Anyone interested in community theater is invited to tryout. ****

Still one more Christmas Craft Festival is scheduled for Burroughs High Xi. The meeting will be held at the Gary Hewer, NWC ext. 3219; Mike School today through Sunday in the school's Multi-Use Room. Sponsored by the FBLA, the festival is open to local non-profit organizations and local

Antique clock buffs are expected to attend Saturday Adventure at Maturango Museum tomorrow with the exhibit from 10 a.m. to 5 p.m. and the program from 3 to 4 p.m. The exhibit will be prepared by the High Desert Chapter 73, National Association of Watch and Clock Collectors.

Members of the China Lake Chapter, Federal Managers Association (FMA), will host the Zone 10 FMA Conference tomorrow (Saturday) at the Naval Weapons Center's Commissioned Officer's Mess. ****

Christmas Shopper Alert! St. Michael's Christmas Bazaar and Bake Sale is scheduled at 200 Drummond Ave. for Friday, November 18 from 9 a.m. to 7 p.m. Featuring a sandwich lunch from 11 a.m. to 1 p.m., and a chili supper from 5 to 7 p.m., the bazaar will offer a white elephant sale and handmade crafts.

"Young American's Christmas" will be the theme for this year's Christmas parade on Sat., Dec. 3 at 10 a.m. Ridgecrest groups are invited to enter floats in the parade by picking up an entry form at the Chamber of Commerce office

As a holiday treat, music students of the High Desert Music Teachers will collaborate with dance students of Sierra Academy of Dance to present "The Nutcracker and the Mouse King" at Burroughs High School Lecture Center on Sat., Dec. 4. Curtain time is 2 p.m. and tickets are \$4 for adults and \$2 for senior citizens and students under 12.



Professor Leo Girardot, professor

of History at Cerro Coso Community

Officers' Mess on Wednesday, Nov.

America's cultural heritage of both

30 at 6 p.m.

	Max	Min	Gusts
Thurs.	80	52	26 knots
Fri.	n/a	n/a	10 knots
Sat.	74	41	21 knots
Sun.	77	40	28 knots
Mon.	63	46	29 knots
Tues.	66	30	9 knots
Wed.	68	30	31 knots

Capt. Valovich guest speaker Capt. Paul Valovich, NWC Vice

Dinner tickets may be obtained for

\$10 per person from the following

Stringham, NWC ext, 1033: Dave

White, NWC ext. 3089; Warren Will-

chapter officers Harry Hurt, presi-

Commander, will be the guest speaker at tonight's meeting of the Reserve Officers Association. The meeting will begin at 6:30 at the Officers'

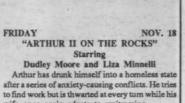
Valovich will address "The China Lake Way."

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(L-R) Doug Butler, Tim Freer, Rudy Guzman FINEST SALES STAFF ANYWHERE - BAR NONE AWARD WINNING SERVICE DEPT. SERVICE AFTER THE SALE!



Movies

o find work but is thwartee a wife once again adapts to waitressing. (Comedy, rated PG, 113 min.) NOV. 19, 20

"FUNNY FARM"

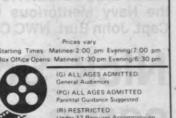
"FUNNY FARM" Starring Chevy Chase and Madolyn Smith Chase and Smith are a pair of urbanites who move to an isolated farming community called Redbud. Chase, a newspaper sports columnist, needs isolation to write a novel and finds Redbud to be anything but what he was looking for. (Cornedy, rated PG, 102 min.) WEDNESDAY NOV. 23

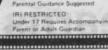
"NO MERCY" Starring Richard Gere and Kim Basinger

A Chicago undercover cop trails a killer to New rleans and tracks down the motivation: a youn who is "owned" by the kille rama, rated R, 109 min.) NOV. 2

"BLOOD SPORT"

Starring Jean Claude Van Damme and Donald Gibb An American Ninja becomes the first westerner to win the Kumite, a martial arts contest staged every five years. (Action, rated R, 92 min.)





November 18, 1988

bergasted as he was presented the



Schnieder's contributions saluted

Nick Schnieder said he was flab- has to be the biggest surprise ever." Now the associate department Navy Meritorious Civilian Service head for the Aircraft Weapons Integ-Award by Capt. John Burt, Naval ration Department, Schnieder was Weapons Center Commander at recognized for 34 years of federal Monday morning's commander's service, including 30 with the Navy meeting . Schnieder added, "This at China Lake, for his efforts as act-

a year and his contributions to establishment of NWC's Weapons Systems Support Activity (WSSA) product line.

In his letter of commendation, Capt. Burt said, "Your in-depth

ing head of the department for nearly technical knowledge of aircraft weapons systems engineering support requirements and managerial skills in working effectively with the Naval Air Systems Command and Office of the Chief of Naval Operation sponsors have resulted in the Cen-

ter's DOD-wide reputation as a technical center of excellence for WSSAs.

Bill Porter, NWC's laboratory director nominated Schnieder for the

(Continued on Page 19)

Six earn Air Medal for testing

Six test parachutists from the Naval Weapons Center's Aerosystems Department were awarded the Air Medal for their efforts in support of the space shuttle crew escape system.

Led by PRCM Robert Hudson and PRC Billy Bowers, the parachutists, all members of the Parachute Test Operations Branch, performed essential live jumps from a modified aircraft leading to certification of the crew escape system on all space shuttles.

Joining Master Chief Hudson and Chief Bowers in this rugged undertaking were PR1 Stephen C. Sotaski, PR2 Craig D. Melotte, PR3 Ben D. Crabtree and PR3 Richard Perry.

Capt. Robert Dropp, NWC's commanding officer of enlisted personnel, made the presentations. The certificates were signed by Admiral C.A.H. Trost, Chief of Naval Operations for the President of the United States.

The citation to accompany the medal for the six test parachutists

(Continued on Page 3)

TD Award presented

Complete surprise registered on the faces of David Reade and Earle Johnson when they each received a Technical Director's Award last week.

Gerry Schiefer, Naval Weapons Center technical director, presented the awards to recognize the two for their contributions to Ship Classification Technology Development.

"These two individuals used a great deal of entrepreneurial spirit to accomplish their project objectives," said Schiefer.

"Reade and Johnson used initia-(Continued on Page 14)

1

cake at the Marine Corps Birthday Ball last week. oldest Marines present. Photo by PHAA Cary Brady

MARINES CELEBRATE-Col. Barry V, Banks, CO, Retired Maj. Gen. Hal Vincent, USMC, the guest speak-China Lake Marine Aviation Detachment, samples the er at the bithday ball looks on as do the youngest and

'Problem Busters' strike

lem Busters," a Quality Circle division. formed by workers in the Engineering and Production Processes Division, Engineering Department, found a way to do just that.

The Problem Busters circulated a survey to division personnel to gather data on perceived problems. After sorting through the survey results, the group concluded that obtaining set-up hardware, eg., clamps, risers, etc., in a timely man-

Saving more than \$3,000 per ner was a wide-spread problem the machine to insure a good cut, week is no easy task. But the "Prob- affecting the majority of the etc.).

> The quality circle members brainstormed solutions to the identified problem and concluded that total set-up time consisted of: 41 percent looking for tooling; 14 percent looking for alternative tooling; and 45 percent doing the actual set-up (calculating the proper measurements for drilling holes in the material, positioning the material properly on per year.

Since approximately \$6,500 per week is spent doing set-up (this includes set-up preparatory time finding the right tools for the job, studying the blue print, etc.), the Problem Busters reasoned that if the tradesmen had their own set-up tools, half the set-up time could be eliminated. This change could help save the code approximately \$152,000 in wasted manpower hours

The Problem Busters, consisting of Dave Leighton, Greg Tamcke, Satik Martinsen, Bob Martin, John Knie, Floyd Shoaf and Bob Anderson, presented their findings to the Steering Committee, which includes Dale Randle, head of Code 364; Sterling Haaland, head of the Engineering Department; Roy Dyarman, associate head of Code 364: Steven Newman, head of Ouality Control Branch; Bob Briley, head of Production Engineering Branch; and the (Continued on Page 4)

Marines join birthday celebration

Marine Ball

ing ceremony in the morning by the Corps Guard

of the future.

The 300 guests were attending this special event in honor of the "Soldiers of the Sea" and, in so doing, joined comrades in this nation and around

Three hundred guests joined in the world. Since 1921, Marines have recalled the accomplishment of the birthday message, now 67 years old, worthy successors to the long line of celebrating the U.S. Marine Corps carried out the directive of General Naval Weapons Center (NWC) and was written by General Lejune and illustrious men who have served as birthday last Thursday at the annual John A. Lejune, 13th Commandant of the Marine Corps, to observe the This special day at the Naval Wea- Corps' birthday in a manner befitting pons Center began with the flag rais- the long and glorious tradition of the

manding officer, noted the identical The birthday ball is a celebration of ceremony was being conducted by the founding of the Corps and a look Marines throughout the world as he with pride into the past and promise welcomed guests to the first Marine Corps Ball since the MAD become an independent command.

Guest of honor for the event was Maj. Gen. Hal Vincent, USMC (Ret.) time-honored ritual cake cutting and During his remarks, General Vincent reading of the birthday message. The

Five (VX-5) during his tour here since the birth of our Corps, Marines ing of the Corps." (1960-62). He called his time at Chi- have acquitted themselves with disna Lake the highlight of a 39-year tinction, winning new honors on each military career that included service occasion until the term 'Marine' has Marine Aviation Detachment Color Col. Barry V. Banks, MAD com- as a test pilot, a combat tour in come to signify all that is the highest Vietnam and command of Fleet Mar- in military efficiency and soldierly ine squadron, group and wing. He virtue. So long as the spirit which

& Mrs. John Burt of NWC and Capt.

retired from active duty in 1981. Marines today received from those Following the birthday ceremony, and our nation will regard us as Corps Logistics Base, Barstow.

Air Test and Evaluation Squadron reads, "In every battle and skirmish 'Soldiers of the Sea' since the found-

Colonel Banks cut the ceremonial first piece of cake for Maj. Gen. Vincent. The youngest and oldest Marines present received the next pieces of cake

Other special guests included Capt. preceeding us in the Corps. . .con- the guests enjoyed dinner, followed tinues to flourish, Marines will be by dancing to the music of the Navy & Mrs. Eric Vanderpoel III of VX-5. found equal to every emergency in Band from San Diego. The color Highlighting the evening was the the future as they have in the past. . guard was provided by the Marine

NWC's Wellness Corner Surgeon General says cut fat

For the next few weeks, the Wellness Program will be reporting the major findings and recommendations of the Surgeon General's Report on Nutrition and Health.

"Fats and cholesterol: Reduce consumption of fat (especially saturated fat) and cholesterol. Choose foods relatively low in these substances, such as vegetables, fruits, whole grain foods, fish, poultry, lean meats and low-fat dairy products. Use food preparation methods that add little or no fat.

"High intake of total dietary fat is associated with increased risk for obesity, some types of cancers, and possibly gallbladder disease. Epidemiologic, clinical and animal studies provide strong and consistent evidence for the relationship between saturated fat intake, high blood cholesterol and increased risk for coronary heart disease. Conversely, reducing blood cholesterol reduces the risk for death from coronary heart disease. Excessive saturated fat consumption is the major diestary contributor to total blood cholesterol levels. Dietary cholesterol raises blood cholesterol levels, but the effect is less pronounced than that of saturated fat. While polyunsaturated fatty acid consumption. and probably monounsaturated fatty acid consumption, lowers total blood cholesterol, the precise effects of specific fatty acids are not well

defined. "Dietary fat contributes more than twice as many calories as equal quantities (by weight) of either pro-

USA, Monday and Tuesday.

fat are associated with higher obesity rates. In addition, there is substantial, although not yet conclusive, epidemiologic and animal evidence in support of an association between dietary fat intake and increased risk for cancer, especially breast and colon cancer. Similarly, epidemiologic studies suggest an association between gallbladder disease, excess caloric intake, high dietary fat and obesity. More precise conclusions about the role of dietary fat await the development of improved methods to distinguish among the contributions of the high-calorie, high-fat, and low-fiber components of current American dietary patterns.

"At present, dietary fat accounts for about 37 percent of the total energy intake of Americans - well above the upper limit of 30 percent recommended by the American Heart Association and the American Cancer Society, and above the percent consumed by many societies, such as Mediterranean countries, Japan and China, for example, where coronary heart disease rates are much lower than those observed in the United States. Consumption of saturated fat and cholesterol is also substantially higher among many Americans than levels recommended by several expert groups.

"The major dietary sources of fat in the American diet are meat, poultry, fish, dairy products and fats and oils. Animal products tend to be higher in both total and saturated fats

Former JCS chairman passes

tribute accorded to deceased patriots. headquarters building at the Naval

Flying the U.S. flag at half-staff is a In addition to the flag in front of the and its territories and posessions.

Such an honor was bestowed upon the Weapons Center, flags were flown at tribute was extended throughout all

former chairman of the Joint Chiefs half-staff on all buildings, grounds military facilities and naval vessels

of Staff General Lyman L. Lemnitzer, and naval vessels of the federal gov- and stations until sunset of the day of

ernment throughout the United States Lemnitzer's interment, Tuesday.

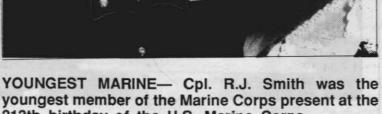
tein or carbohydrate, and some stu- than most plant sources. Although dies indicate that diets high in total some plant fats such as coconut and palm kernel oils also contain high proportions of saturated fatty acids, these make minor contributions to total intake of saturated fats in the United States. Dietary cholesterol is found only in foods of animal origin, such as eggs, meat, poultry, fish and dairy products. To help reduce consumption of total fat, especially saturated fat and cholesterol, food choices should emphasize intake of fruits, vegetables, and whole grain products and cereals. They should also emphasize consumption of fish, poultry prepared without skin, lean meats and low-fat dairy products. Among vegetable fats, those that are more unsaturated are better choices."

Upcoming leactures:

Handling Holiday Stress - Dec. 6, 10 to 11 a.m. in Room 1000D, Michelson Laboratory. Dr. Rita McCullough Stanley will explore factors contributing to holiday stress, and offer practical suggestions for reducing holiday stress and enhancing holiday joys.

Food Labels and Wellness Wisdom - Dec. 8, 3 to 4 p.m. in Room 1000D, Michelson Laboratory by Lorraine Baty, registered dietitian The interpretation of food label information following principles of nutrition will be presented. Participants will practice label interpretation techniques using given guidelines. The application of label information will be made to daily food choices.

By presidential proclamation, the



youngest member of the Marine Corps present at the 213th birthday of the U.S. Marine Corps.

NWC Fellows sought this year

pons Center (NWC) Fellow Program is Dec. 6. was established as a means of formal peer recognition for those scientists, engineers, mathematicians and other technologists who make continued and outstanding contributions to the technical success of NWC. The new bers of the selection committee: program is outlined in NAVWEP-CEN Instruction 12400.1

The NWC Fellow Selection Committee is currently seeking nominations for the first class of distinguished fellows, senior fellows and fellows. Selection will be announced

Earlier this year the Naval Wea- in February. Deadline for nomination

The procedure for nomination is contained in the instruction. For additional information on this

new means of recognition for outstanding technical work call mem-

•Richard Smith Huges- NWC ext. 2654

•Herb Richter- ext. 2261 •Rich Perrine- ext. 2327 •Oran McNiel- ext. 3531 or •Ray Caruso- ext. 3616

November 18, 1988

Rocketeer



MERITORIOUS SERVICE— Nick Schnieder receives the Navy Meritorious Civilian Service Medal from Capt. John Burt, NWC Commander. Photo by PHAA Cary Brady

Nick Schnieder earns recognition

(Continued from Page 1)

award. The nomination letter for the highest honor the Center's commander can bestow on a civilian employee at China Lake, based, in part, on the "valuable service to both the Navy and Marine Corps by sustaining support for the AH-1, AV-8B, A-6G and F/A-18 in an environment where providing continuing inhouse support across all the WSSAs was seriously jeopardized. Major software upgrades were met through the resourceful use of in-house and contractor manpower."

Porter also noted Schnieder, as acting department head, was a "significant contributor to the Center's reoganization process and through his insight and knowledge about the aircraft weapons integration function, maintained the WSSA product line as one of the Center's primary future thrusts."

The commendation letter from Capt. Burt concluded by noting Schnieder's impact on development of NWC's involvement in WSSAs has positive long-term financial and operational benefits to the fleet.





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November 18, 1988

Washington (NES)... It's 7:40 on a Tuesday morning in Room 1046 AA at the Navy Annex in Arlington, Va., and AVCM(AW) Duane R. Bushey, the new master chief petty officer of the Navy, is well into the third hour of his workday. Bushey, 44, has just returned from the Pentagon, an eight minute drive in his four-wheeler, and his regular 7 a.m. meeting with Chief of Naval Operations Adm. Carlisle A.H. Trost. Back in his own domain, AVCM(AW) Duane R. flare-ups have been sighted on the enlisted person gets set to attack the ers a message on the an "unhesitating willingness to act as worldwide horizon, the Navy's top issues that he'll face daily for the next leadership. three years

Sept. 9.

Based on CalTrans experience and his own test results, Dunn submitted a DOD installations. request to GSA in mid-1984 to waive the requirement to obtain pavement marking paint from GSA stock, right. replacing it with the paint used by CalTrans. The original waiver NWC's MIP Office

On Dec. 6 and 7, Apollo Computer, lops personal super computer; 68030

half mile of NWC's most heavily

travelled road, Dunn found test

results exceeding his expectations.

Surfaces that had required coating

four times a year would require paint-

ing once every two years using the

new paint. He could save the Center

approximately \$195,000 a year in

material and labor costs.

and paint source.

demonstrations and presentations on and MAC environments: the DN10000 100 MIPs, 36 megaf-

Inc. will host an Apollo Computer - based desktop workstations; case seminar, featuring "One Stop Work- tools; EDA from Mentor Graphics; station Solutions," at the Enlisted MCAD/CAE from SDRC; UNIX running Versacad; network comput From 9 a.m. to 6 p.m. on each day, ing; Apollo benefits in your VAX, PC

(Continued from Page 5) no loss of color pigment. To check this he visited the CalTrans office in Bishop, learning their frequency of bishop, learning their frequency of bishop, learning their frequency of the resubmitted this request with a complete cost comparison of the two types of paint. The request was denied by GSA in February 1986. request got lost in the system. In 1985 NWC's; the CalTrans paint lasts lon- There followed a frustrating period

ger under a much greater volume of of time for Dunn, when he was knew traffic. CalTrans staff also provided what the new paint could mean to the Dunn with the paint specifications Naval Weapons Center, but he was not allowed by the system to take Dunn believed he could cut road advantage of it. He wrote letters of maintenance costs drastically, so he justification and placed many phone obtained approval to purchase calls attempting to get around the enough paint for road testing at China GSA requirement, but with no Lake. After a six-month test on one- success.

> Dunn was not a quitter. After learning about the Model Installation Program in May 1986, he submitted his proposal again, this time as a MIPI

His determination finally met with success; on Jan. 21, 1986, Dunn was notified his road striping initiative was approved by the secretary of defense for implementation at all

The important thing for Glenn Dunn is that now he can do his job



Kutchma, head, Aircraft Weapons Integration Department, on a recent Center visit.



Suppliers of These Fine Products. McMaster-Carr Grainger Milwaukee Sears Snap-On Tools & Many More! (619) 375-4335 VISA " Mon. - Fri. 7:30 a.m. - 4:30 p.m ALL YOU CAN EAT BREAKFAST BUFFET \$**3**⁹⁹* + Our Full Menu Saturday & Sunday, 5:30 a.m. - 1 p.m. What Does It Include? · Eggs - fixed the way you like! · Country Fries · Biscuits & Gravy Sausage · French Toast *\$2.50 Children 7 & Under Come Join Us For Breakfast! 122 Balsam St. 375-3611

Apollo computer seminar

NWC

Your Purchase Problem Solvers

USAF likes NWC MIPI

November 18, 1988

Rocketeer 3

Bushey named to **MCPON** station

chief by virtue of being named the to the meeting at 8:20. Navy's 1988 Shore Sailor of the Year. Ouside the inner sanctum of Novatney, a reservist on temporary active duty and YN2(SS) Richard Chabot hold down the fort.

Officially, this is the new of the system." By way of introduction, Bushey chaired the CNO's Master Chief Petty Officer Advisory Panel, Sept. 1-6, getting an in-depth

will participate in the Family Support Conference, Nov. 28-30, in Norfolk. Bushey emphasizes the importance CNO. of the panel comprising a representative demographic mix - males, females, whites and minorities. "And I want good quality people on the board," he says. "They're going to be and are going to have a big impact on Indeed "

Program; a ceremonial guard cere- (Continued on Page 8)



bolstered by the news that no serious Bushey, master chief petty officer of the Navy, deliv- Department members noted each had vast armada of people and policy importance of caring and a test subject under totally arduous conditions." It also credited their

Bushey gathers his small staff for mony the MCPON is slated to attend the morning meeting: PNCM Karl Friday; travel schedules; name tags Braley, administrative assistant to for the staff (the MCPON will not MCPON, the man Bushey calls "the wear one); goals and objectives of the real master chief of the Navy, the one office; stamps and envelopes for non- friends and family members who's here all the time, keeping official use in the office; and various assembled for the awards ceremony everything flowing;" JOC Anita M. other tidbits and loose ends of the that he was pleased and honored to Westervelt, special assistant for publ- never-completed business of the make the presentations. ic affairs; and AMSC(AW) Beth Ble- MCPON. Bushey phones his wife, vins, assigned to MCPON as a special Sue, to firm up plans to attend a assistant for a year and promoted to reception that night and calls an end

Bushey is asked when it first occurred to him that he might be MCPON's personal office, JOC Jack selected to be the seventh MCPON. "About a half-hour after the Chief of Naval Operations announced that I was master chief of the Navy," he says, adding that he never really MCPON's seventh day on the job, thought he had a shot at the premier although Bushey reported three position in the enlisted community. "I weeks early at the behest of his pre- say that - maybe it's because I didn't decessor, RMCM(SW) William H. want to. I'll be very honest with you. I Plackett, "to learn the inner workings was in the interview and Admiral Trost looked at me and he said, 'Why do you want to be master chief of the Navy?

"I said, 'Admiral, I don't want to be overview of the major issues affect- master chief of the Navy. I've got the ing the enlisted community Navy- best job in the United States Navy wide before he became MCPON on right now - command master chief of the world's largest nuclear aircraft The staff meeting begins with talk carrier, and we're getting ready to make a cruise, and I put a lot into it, members to study issues affecting and I want to see that finished,' He single people in the Navy. The group kind of grinned at me. He said, 'I know the feeling,' and told me how he felt when he was selected as the

"When I looked at (the other three finalists) I said 'Gosh, I'm the young guy on the block, I've got less than 26 years in the Navy.' The remaining finalists I knew well. I just had an up on a stage in front of a lot of people awful lot of respect for the

the future of Navy Family Service drives and defines Bushey. His lean, The meeting evolves into a quick- trim frame and easy, friendly manner resonate with an electric energy that hitting series of issues, updates, prog-ress reports and plans: the Sailor of the Year program; a problem at a recruit command; a trip report from Blevins; selection board results; the PAC Fleet Command Master Chief Program: a coremonial events a burning desire to reach, even surpass, the limits of his capabil-ities. From this strength flow the ideas and attitudes that will shape the MCPON's policies and programs

Valiance earns Air Medals

(Continued from Page 1)

read, in part, As volunteer subjects for the National Aeronautics and Space Administration's Crew Escape Sys-tem, designed to provide astronauts a capability to escape from a stricken orbiter, the jumpers, "contributed immeasurably toward verifying this completely new and untried escape concept. Even though many unknown risks were involved, they attached themselves by means of a tethered attachment to a pole extending 12 feet outside a specially modified hatch on a USAF C-141B aircraft to complete a total of 11 parachute jumps from an ltitude of 10,000 feet at airspeeds up to 200 knots."

The citations for the Aerosystems efforts for making it possible to install this escape system on all future space shuttle missions.

Capt. Dropp told the co-workers,



AIR MEDALS-Capt. Robert Dropp presents Air Medals to (from left) PR2 Craig D. Melotte, PR3 Ben D. Crabtree and PR3 Richard Perry.



WELL DONE—Receiving Air Medals from Capt. Robert Dropp were (from left) PRCM Robert J. Hudson, PRC Billy S. Bowers and PR1 Stepen C. Sotaski. Photos by Te

'A' Schools available

WASHINGTON (NNS)-Enlisted personnel who are on their first enlistment and have been additional obligated service, so conat their present command for at least tact your local command career 18 months may be eligible for counselor for more information.

advanced skill training at one of 95 Navy "A" schools.

Training at "A" school may incur

Navy News airs

Look for Navy News This Week, the Navy's weekly broadcast of Navy news around the world, on Channel 3 (Desert Cable TV) Friday evenings at 7 p.m

November 18, 1988

Accreditation needed for computer security

Computer security is reaching an all-time high of user awareness according to Judy Yates, NWC computer security officer (CSO).

"And much of that awareness is documented when computers on board the Center are accredited," said Yates. "Accreditation is a simple process to ensure computer security. The process acknowledges responsibility and enhances user awareness of com puter security.

"Accreditation can significantly help us as we face increasingly sophisticated computer security threats, such as the computer viruses now spreading throughout the country," she said. "It also gives us a corporate overview of the impact of computers at NWC."

In addition to these two rationales for the accreditation process, the Center's authorizing body, Space and Naval Warfare Systems Command, mandates the accreditation of all computers and computer networks.

"All computers and networks must be accredited," said Yates. "The CSSO's have been instrumental in making the accreditation process understandable to users. With the Center's level of classified and proprietary information processing, computer security has become a critical issue."

standardized during the past year by members of the Computer Security "More than two-thirds of the compu-Working Group and now requires ters are accredited," said Yates. "We only two forms, a cover sheet and a feel good that the accreditation profact sheet. Part of the process is cess has been streamlined and is more reviewing a two-page listing of com- user-friendly. I encourage all China puter standard operating procedures. Lakers to learn more about the critical Some departments have additional issue of computer security." procedures, too. A two-page mini- For more information on the comrooms or buildings.

COMPUTE

These completed forms are then submitted to the CSO office for review. The review process ranges from a cursory overview of the documents to a site survey by Kay Blackston, the TEMPEST control officer.

Each code has a computer systems security officer (CSSO) who is the department focal point on all computer security issues including the coordination of accreditations. The Computer Security Office provides monthly meetings to discuss current problems and solutions, including guest speakers on relevant issues

As China Lakers transfer within the Center or leave the Center, new The process was streamlined and signatures are needed on the cover



NWC HOSTS SDI OPTICS BRIEFING-Capt. John Burt, far right, discusses Tuesday's agenda with, I to r, Dr. David Bartine, director, SDI program, Oakridge National Laboratory; Dr. Jim Carlson, representing Brigadier General Garry Schnelzer, deputy for Program and Systems, Space Defense Initiative; and Dr. Harold Bennett, NWC associate division head, Physics Division, and briefing host. Over 100 people representing government, universities and industry attended the full-day Optics Modil Industrial Briefing. The group received technical briefs from China Lakers during a tour of Lauritsen Lab and received updates on the SDI project.



PROBLEM BUSTERS—Members of the "Problem Busters" Quality Circle (from left) Bob Anderson, Satik Martinsen, Greg Tamacke, Floyd Shoaf, Bob Martin and Dave Leighton, show off the special setup tool sets they will be using to save time and money in the Engineering Department's Machine Shop. Photo by PHAA Cary Brady

Solutions found by group

(Continued from Page 1) Quality Circle facilitator. The management agreed with the circle's findings and ordered the tooling sets -a standard size set for each tradesman, and individual sets for specialized machines. The tools were recently handed out to the appropriate people in the Engineering and Production Processes Division.

Quality Circles are small groups of workers who meet on a regular basis (often on their own time) to identify, analyze and propose solutions for problems they encounter in their jobs. While the size of the group varies, members are generally from the same work locations, so,

they are familiar with the problems that the group identifies. Each member goes through 16 hours of training to learn how the Quality Circle process works. During training, members are shown problem solving techniques and how to really "listen" to the other members.

According to Doug Hinkley, Code 364's Quality Circle's facilitator, the Quality Circle process is based on the assumption that, (1) people take more pride and interest in their work when allowed to make contributions which influence decisions about their work, and; (2) the people closest to a problem are in the

decisions about that problem, and to take the necessary action or recommend solutions for corrective action.

The Problem Busters are now assisting Code 364's second Quality Circle, "Solutions Unlimited." According to this group, there is a problem with the tooling and disbursement system which affects the entire code. According to members of both circles, Solutions Unlimited is close to presenting a solution to management with the goal of saving time and money.

So, when Code 364 has a problem in the working area, who are they going to call? The Problem Busters best position to recognize and make and Solutions Unlimited.

mum risk assessment is no longer puter accreditation process or other required for every PC. It can now be computer security issues, contact the completed for logical areas, eg., appropriate Code CSSO or the Computer Security Office, NWC ext. 2745. Rockelee

Published by Chalfant Press 450 East Line Street Bishop, CA 93514 (619) 873-3535

This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or Chalfant Press. The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake, Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SEF::Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week. NWC Con:mander — CAPT. JOHN BURT Technical Director - GERALD SCHIEFER Public Affairs Officer — DENNY KLINE Editorial Assistant — PEGGY SHOAF

Staff Photographer - PHAA CARY K. BRADY

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Award.

Porcelain doll classes starting

MOWC sets Parade theme set duled a Bazaar and Bake Sale today next meeting

in Inyokem.

November 18, 1988

Lab Award winners to be honored

Winners of the Michelson Laboratory Awards for 1988 will be announced at a luncheon in honor of the recipients at 11:30 a.m. on Dec. 9 at the Naval Weapons Center's Commissioned Officers' Mess.

Reservations for the awards lunch can be made by calling NWC ext. cost includes the buffet lunch.

local award, the L.T.E. Thompson house for rehabilitation.

Porcelain doll classes are now scheduled for Nov. 19, 22 and 29. Two classes will also be held on Dec. hours and start at 5 p.m.

Fees are \$10 (active duty and 3252 for more information.

Do you know the worth of your antiques? Joyce of Joyce's Collectibles and Antiques can help answer this question at the November 29 meeting of the Military Officers' Wives Club at Two Sisters Restaurant

A social hour begins at 6:30 p.m. The dinner, a Mexican buffet, will be



Housing sets vacate rules

HOUSING SAYS ... Center resi-2018 or 2592 no later than 4 p.m. on dents leaving government quarters Monday, Dec. 5. The \$6 per person are required to file an Intent to Vacate Notice with the Housing Office 30 The award recognizes technical days prior to vacate date. At this time excellence based on outstanding per- a predetermination and final inspecformance in individual duties. The tion will be scheduled allowing award, established in 1966, is com- enough time between appointments plementary to the Center's highest for the Contractor to write-up the

Tenants will be given a Minimum Cleaning Standard list stating the requirements for cleaning. Personnel transferring or terminating on short notice will advise the Housing Office immediately upon receiving orders or termination notice.

Occupants may elect to clean the quarters themselves or employ a government-approved custodial 1 and 6. Sponsored by the Morale, cleaner. A list of cleaners is available Welfare & Recreation, Craft/Hobby at the Housing Office. At the conclu-Center, the classes will each last three sion of the clearance inspection, the occupant will return all keys to the Housing Division Office and will retired military), \$12 (DOD), and \$16 receive the appropriate clearance (others). Students are responsible for documents. Your cooperation in this beginning! The Burroughs High their own supplies. Call NWC ext. matter will enable us to help make School is hosting a festival in the

> Christmas parade on Sat., Dec. 3 at 10 Desserts and coffee will be served all Commerce office.



hanksgiving is a time when we surround ourselves with family and friends and acknowledge God's blessings upon us and upon our Nation in the year past. It is a truly American holiday, rooted in our earliest history and founded on our national sense of dependence on the guidance of divine providence.

Our ancestors have faced Thanksgiving Day in times of danger and want-in the harsh winters and rough conditions of our early eastern settlements, amidst the privations of wartime, in the grip of economic depression. Whatever the challenge, these Americans welcomed without fail the coming of the day-for on it they joined together as communities and as a people to pay tribute to the generous God Who is the Father of our freedoms and the Hope of our future.

This spirit of thanksgiving has always had special meaning for the members of our Armed Forces. For you, sacrifice and separation from loved ones are routine facts of life. You give up many daily comforts, and face many daily dangers, so that your fellow citizens and citizens of allied nations can live with peace and without fear. As you spend another holiday guarding our freedoms, the thoughts of all Americans are with you. Our thanks, among the nany we offer today, go with you for everything you have done and will do to keep this Nation strong and at peace.

Nancy and I wish you and your families a bountiful and joyous Thanksgiving. God bless you.

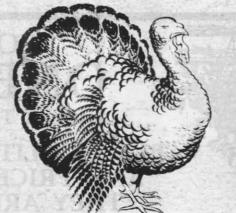
Ronald Region

Ronald Reagan President

37 days left

Christmas Craft Festivals are your move as effortless as possible. school's multi use room beginning today through Sunday.

St. Michael's Church has schethrough 7 p.m. Enjoy a sandwich "Young American's Christmas" lunch from 11 a.m. to 1 p.m. and a will be the theme for this year's chili supper from 5 p.m. to 7 p.m. a.m. Ridgecrest groups are invited to day for browsers enjoying the white enter floats in the parade by picking elephant sale and the handmade up an entry form at the Chamber of crafts. The church is located at 200 Drummond St.



HAPPY TURKEY DAY!

WRAP UP THE HOLIDAYS WITH THE CREDIT UNION.

for the holidays.

120010002000

16 Rocketeer

Your Credit Union has services to help of your family. you greet the holiday season with cheer. loans, competitive savings rates and mem-

Tis the season to be visiting your Credit ber services that will be sure to please ev-Union for great ideas on financial services eryone. In fact, a Credit Union membership would make a great gift for every member

Stop by the Credit Union for services Complete your shopping list with low cost that are available year-round, but can help you have a merry holiday season.

NWC Community Federal Credit Union

Kernville 11305 Kernville Rd. 376-2251

Boron 27055 20 Mule Team Rd. 762-5650

Mojave 16910-1/2 St. Highway 14 824-2484

> Ridgecrest 1323 N. Norma 446-6521

Lake Isabella 7000 Lake Isabella 379-4671

China Lake 1115 King Avenue 446-6521

Technical Societies at China Lake

Acvention 19, 1988

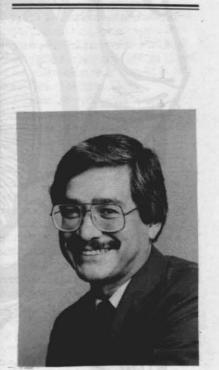
November 18, 1988

AOC meets Nov. 21

Capt. Paul Skopowski will be the November guest speaker for the Association of Old Crows.

Capt. Skopowski is the readiness officer on the staff of COMMATV-WINGPAC, Whidbey Island, Washington. Presented on Monday, Nov. 21 at 5 p.m. (refreshments will be served from 4:30 p.m. to 5 p.m.) in the Mich Lab Auditorium Room 1000D, this briefing is open to all personnel with a SECRET clearance.

The title of Capt. Skopowski's brief is "EA-6B ICAP II capabilities and Tactics." A discussion of EA-6B operations in the Persian Gulf, including ASQ-191, will be held. To attend, contact Gail Salter, 446-5561, or Lcdr. Dan Frame, NWC ext. 2951, x232



FRANK DEL OLMO ASPA

L.A. Times writer featured speaker at Dec. 2 meeting

Frank Del Olomo, a Los Angeles Times editorial writer, will be the guest speaker when the American Society for Public Administration's (ASPA) East Kern Chapter meets on Friday, Dec. 2 in El Charro Avitia at 11:30 a.m.

Del Olmo, a Times staffer since 1971, won the Pulitzer Prize Gold Medal for Meritorious Public Service based on a 1984 series "Southern California's Latino Community." He also received an Emmy Award for distinguished achievement in writing, for a 1976 KNBC-TV documentary "The Unwanted."

Lunch will be from the menu. For reservations please call Steve Boster at NWC ext. 3354 by close of business on Nov. 30.





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Call 446-404

November 18, 1988



Temporary Schedule for Protestants Sunday Worship Service (NWC Theater) 10:30 a.m. Sunday School (September thru June) 9:00 a.m. Bible Study (East Wing)

Wednesday 11:30 a.m. (September thru June) Thursday 6:15 a.m. Men's Prayer Breakfast 7:00 p.m. Officers' Christian Fellowship Christian Military Fellowship

Islami

Jumaa Prayer (Friday in Annex 4) 12:00 p.m.

Temporary Schedule for Roman Catholics Sunday Mass (NWC Theater) 9:00 a.m. Daily Mass (1008 Blandy)(Monday thru Friday) 11:35 a.m. Confession (Monday thru Friday) any time by appt. Confession (Sunday) (1008 Blandy) 8:15-8:45 a.m. Religious Education Classes (Sunday)(Chapel Annexes) 10:30 a.m. (September thru May)

Jewish

Weekly Services (Friday - Chapel Annex 4) 7:30 p.m Adult Hebrew Lessons (Saturday in Chapel Annex 4)9:00-10:00 a.m. Sabbath School (Saturday - Chapel Annex 4) 1:00-4:00 p.m.

> Chaplain S. A. Casimano, LCDR, CHC, USN Chaplain Claude R. Beede, LT, CHC, USNR Chaplain Gregory E. Williams, LT, CHC, USNR Hearing Impaired Equipment, Nursery Available Phone NWC ext. 2851, 3506



'Labeling'

When you read the words, "conserative," "liberal," "reactionary," and "radical," of what do you think? What do you think about when you hear the words "fundamentalist," "evangelical," "humanist," "religious left," "religious right?" Well, I often think about someone who disagrees with me. I think about the position of someone which I consider to be false. I think about a group of people which I have placed in a box, politically or religiously, so to speak.

The error to which we all can fall victim is called "labeling." Labeling others can sometimes prevent us from hearing the truth from those very people. When we hear on radio or television or read in the newspaper that a person is a ..., then we often conclude automatically (in our own minds) whether a person is absolutely correct or absolutely incorrect. And this depends upon how we label ourselves.

One of the mistakes we can make, greater mistake is to label ourselves as the truth. We conversely will label those who disagree with us as false We are not the whole truth. We do

Carriage Inn.

not possess the whole truth. Our pos tions are not completely true in all circumstances. God is the truth itself.

"For My thoughts are not your thoughts, neither are your ways My ways,' declares the Lord. 'As the heavens are higher than the earth, so are My ways higher than your ways and My thoughts than your thoughts." (Isaiah 55:8,9 NIV)

Those who disagree with us are not false and their positions are not completely false in all circumstances.

Labeling can hinder communicaunable to receive the truth from peo-management, such as the office of the ple. We need the truth for living. We deputy secretary of defense. need it for living morally and ethicalition. When we adopt an extreme pos-ition, we do so at the exclusion of the est that the Excellent Installations position.

I suggest that we see all people as about the NWC initiative. children of God. Every person has Glenn Dunn is responsible for some light to shed on the truth. And pavement inspection, work planning things which are false. We need to plan at the Naval Weapons Center. if we are not careful, is to label our look beyond labels and see the per- After an extensive review of old job positions as the truth, the whole truth sons behind them. People are more records for painting pavement markand nothing but the truth. An even than labels which categorize their ings, Dunn found that the frequency positions. So, the issue is the freedom of re-work road stripping for any which we receive from the truth given area was extremely high. Some regardless of its source.

St. Michael's Bazaar

St. Michael's Episcopal Church will be holding its annual bazaar, bake sale and white elephant sale today from 9 a.m. to 7 p.m. A sandwich lunc-

heon will be available for those shopping during the lunch hour. At 5 p.m.,

a chili supper with rolls and ice cream will be served at \$4 each. St. Michael's Church and Parish Hall is located at 200 Drummond, behind the

Rocketeer

Air Force likes one

To date the Naval Weapons Center (NWC) has submitted 100 Model Installation Program Initiatives to the assistant secretary of the navy requesting testing authority. Several of these initiatives have evolved into Labeling can hinder communica-tion. Without communication, we are the interest of high-level government

NWC's initiative on the subject of ly. Labeling is taking an extreme pos- "traffic paint" was one such effort. In ition, we do so at the exclusion of the truth which is contained in the other Assistance Office at Mather AFB wrote the following news article

that "light" functions to free us from and updating the annual maintenance sections of the Center's 312-miles of and their positions as wholly false. By Lt. G. E. Williams, CHC, USNR striped road were having to be Airfield Chaplain repainted three to four times a year.

Dunn contacted other military installations, both in and out of the state, and found other Public Works Departments were experiencing the same problem with the GSA paint product.

Because he traveled to and from work on a state highway, Dunn felt sure state road markings had not been repainted for over a year. The markings were still sharp and clear, with (Continued on Page 18)

EDAR	SPRING EARLY REGISTRATION CERRO COSO COMMUNITY COLLEGE	THE PICTURE PLACE	
RTGAGE Downs St. #B crest, CA 93555 MAXIMIZE r buying Power Loan Tailored to our Needs numerous programs e from. Come in for a	For early registration appointments call 375-5001 beginning November 28 Registration Continuing Students only: December 1, 5, 6 and 79 a.m. to 6:30 p.m. December 8 (walk-in registration)9 a.m. to 6 p.m. New Student Orientation: (An orientation informa- tion session is required for all new CCCC students who enroll in minimum proficiency	Your Full Service Lab 225 Balsam • 375-4707 KODAK FILM DEALERSHIP Same day quality processing. We are an active member of the Kodak Colorwatch System. SOME OF OUR SERVICES INCLUDE: • Copy Negatives - B&W or Color • Contact Sheets - B&W or Color	
Caroline Nilsen	cources or Associate Degree general educa- tion courses. December 6	B&W Services to 16x20. Warm Tone & Panalure Too! Color Enlargements to 20x24 24 hr. Kodak Slide Processing • Fresh Kodak Film	



SWEARING IN-Capt. John Burt, NWC Commander, installs new officers of the China Lake Chapter of the American Society of Military Comptrollers (ASMC) at its luncheon meeting on Monday. From left to right are Sybille Gehres, secretary, Isaac Duran, treasurer, and Lydia Moschkin, president. Not pictured is Theresa Thomason, vice president. ASMC, a national group, emphasizes the study of financial management, resource management and comptrollership including accounting, auditing, budgeting, program evaluation, systems analysis, computer science, economic analysis, cost and other related subjects. Photo by PHAA Cary Brady

CFC donors "Made a Difference'

While solicitations for Combined are still turning in collected pledge \$197,000 in pledges," he said. "This Federal Campaign funds is over for cards. According to Jim Stanford, represented a 32 percent rate of parti-The campaign officially ended on raised as last year.

Tuesday, although some keyworkers "As of Tuesday, we had gathered figure."

another year, dollars raised by China coordinator of the campaign, the Cen- cipation. Dick Boyd, the CFC chair-Lakers will be helping to "Make A ter should reach the same high per- man, and I credit the vigor of the key-Difference" for some time to come. centage of participation and dollars workers and the generosity of the China Lakers for achieving this



Navy Award of Merit given to AV-8B team

By demonstrating what a lead laboratory can and should do for the fleet, the members of the AV-8B earned the Navy Award of Merit for Group Achievement.

Ninety members of the AV-8 team received special citations from Capt. John Burt, Commander, Naval Veapons Center last Wednesday,

This group was designated the lead laboratory for the AV-8B and developed the AV-8B Weapons System Support Activity (WSSA). The activity was responsible for system/software performance throughout its life cycle, including identifying and correcting problems. recommending enhancements, and integrating weapons and avionics.

Col. L.C. Watt, program manager, AV Weapon System, Naval Air Systems Command, wrote a commenda tion letter to Capt. Burt in March extolling the group's accommplishments. In it he said, "Their efforts are being executed efficiently and are meeting a very tight schedule. The AV-8B WSSA has demonstrated what a lead laboratory can and should do for the fleet, and is an outstanding example of professionalism and competence for other laboratories '

"I compliment you as a teamyour accomplishments have resulted in products being delivered to the Weapons System Support Activity fleet," said Capt. Burt. "Your team's contributions have measurably enhanced the role and impact of the WSSA concept at the Center and the Fleet's capability to conduct its air warfare mission."

The 90 members receiving the award were: Steve Underwood, Ellen Zurn, Carol Baker, Anita Rohloff, Don Iwamura, Brad Royer, Jim Artz, Bill Long, Wayne Giles, Bob Walters, Sandy Friedman, Jim Wojciehowski, Maurice McDonald, Mike Mentley, and Ed Winchester.

"Outstanding example of professionalism and competence for other laboratories."

Also receiving the award were: Tom Frazier, Marianna Lodas, Art Clayson, Dick Edman, Martin Burchett, Lt.jg. Ken Black, Dan Allen, Liam Casey, John Cravens, James Estes, Daniel Fagen, Russell Finke, Kelly Geier, Charles Jones, Lisa Lopez, Lorraine Mathis, Louis Shanteler, Douglas Driscoll, Susan Gehres and Douglas Shipman.

Other recipients were: Robyn Anders, Joan Blosser, Mike Courson, Mike Dao, Paul Guggenbuehl, Brett Halpin, Roland Isom, James King, Dennis LeBlanc, Diana Lemon, John Paull, Diane Pinney, Rex Ribultan, Luie Trudy, Mick Rindt, Lorraine Savoy, Gary Bartlett, Charles Motte, Brian Beatty, Ronald Page, Tom Lystrup, Steve Rainey and Samuel Schoenhals.

Hank Weaver, Janet Paisano, Larry Duckett, John Martin, Mallory Boyd, Wes Hensley, Barney Kinknnon, Scott McCubbin, James McManis, Robyn Anders, Walter Farmer, Ray DeCerchio, Gerald Stites, Amy Pruitt, Darcy Hawes, Landon Brewer, William Hall, Morlin Hastings, Cecilia Kim, Lahn Ngo, Steven Marcellino, Victor Saucedo, Kim Schwalb, Linda Shelton and Robert Berry also received the award.

The last five recipients were: Robert Berry, Albert DeSanti, Ronald Marvin, Dennis Winslow, and Susan Haney.

Officers' Club plans feast

Trotting out the trimmings for the Thanksgiving Day buffet is keeping the staff at the Commissioned Officers' Club busy. Served from 1:30 to 6 p.m., the feast will be \$8.95 for adults and \$4.75 for those under 12. Reservations are requested by Nov. 22. Call NWC ext. 3105 for more information

November 18, 1988



Rocketeer 15

November 18, 1988



ID PROGRAM EARNS AWARDS-Gerry Schiefer, Technical Director, far left, presents Technical Director's Awards to Earle Johnson, left, and David Reade, right, while Capt. John Burt, NWC Commander, far right, looks on.

MWR directory now available

STANLEY

16x7 Model 448

GARAGE DOOR

Other Size Doors Available

With Comparable Discounts

available at the Naval Weapons Cen- Auto Hobby Center. ter comprise a new guide for China It also discusses benefits at the Lakers.

GARAGE

Dec. 3rd

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Sat. 10 A.M. 'til 5 P.M. Sun. 10 A.M. 'til 4 P.M.

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14 Mockeleer

Center's Clubs, the Children's Center Published by the Morale, Welfare and Youth Activities.

VALUABLE COUPON

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Der Contraction (S)

11th Annual

RIDGECREST FAIRGROUNDS

C B R X R

Admission 50¢ (12 years and older)

Santa's Art Shop

many recreational opportunities covers sports, Leisure Travel, and the and ITT (Information, Ticket & Tour) are also covered.

Participation in the Center's activiand enjoy a health lifestyle. The be held at the Elks Lodge, located on office and its facilities.

BUY UNITED STATES SAVINGS BONDS



(Continued from Page 1) Department.

data gathering exercise, held at the results. Naval Ocean Systems Center (NOSC) this summer. The collection nical Information Department.

At the awards presentation, the two tive, vision, hard work, commitment, recipients declared the award creativity and leadership to accom- belonged to their whole group. plish the goals of the Antiship Target- "Many people put in long hours and ing test," read the nominating letter hard work to make this test a sucfrom Edward Kutchma, head, Air- cess," said Reade. He and Johnson craft Weapons Integration coordinated the test with several other Center departments and several con-The test was a major ship signature tractors to achieve the maximum

They were able to successfully of data was vital for the development obtain participation from three comof improved antiship targeting sys-tems and is documented in the NWC Navy. In all, the test participants were Technical Publication 6916, titled able to collect sensor data on 59 "Antiship Targeting Test." The paper cooperating ships, including aircraft was co-authored by Reade and Johnson and is available through the Tech- ship, a hospital ship and a commercial super tanker.

Code 36 schedules holiday celebration

Saturday, Dec. 10, is the date for Two packages will be available for Twelve pages summarizing the & Recreation Division, the guide The golf course, craft hobby shop Dance to the sounds of "Disc Werks" \$10. from 8 p.m. to midnight.

All attendees will be eligible for a guides are available at the MWR Church Street. Dressy attire is required

photographer at the party. He will be ext. 3411; and Nancy Means, Code photographing from 6:30 to 9 p.m. 368, NWC ext. 1767.

934 Heritage Dr.

School Hours: 8-1:30

Additional Care 7-5:30

Preschool Ages 3-5

446-7459

Short Program Available \$130/mo.

Heritage Montessori School

the Engineering Department's (Code purchase -1) Two 5x7s with folders 36) Christmas Party. Starting at 6:30 and eight wallet-size pictures for \$8; p.m., a no-host bar will be in effect, and 2) One 8x10, two 5x7s with folfollowed by a light buffet at 7 p.m. ders and eight wallet-size pictures for

To buy tickets for the party, contact one of the Recreation Committee's Participation in the Center's activi-ties is an excellent way to promote variety of door prizes. The party will be held at the Elke Lodge leasted on 360, NWC ext. 1244; Joann Battaglia, Code 362, NWC ext. 3616; Leta Darcey, Code 364, NWC ext. 2427; Torie Lilly, Code 365, NWC ext. For those interested, there will be a 1902; Betty Rogge, Code 366, NWC

Cable work underway Customers of Desert Cable Television on board the Naval Weapons Center may notice some brief service

interruptions in the next week or two because of improvements to the system In December the company plans to add superstations WOR and WGN

along with the Bravo channel as part of the service enhancement. The work being done on the Desert Cable TV system will allow expansion to more than 60 channels at a later date.



aboard. 2502/2358

November 18, 1988.

DCO opens season with Romanticism

ciation is beginning its annual sub- ism of Mascagni." scription campaign.

the Desert Community Orchestra will perform four regular season concerts. time enlisted military. The "Pops" concert last month was the orchestra's gift to the community and was co-sponsored by Cerro Coso Community College, with whom the orchestra affiliated at the beginning of this season, and by Local 47, American Federation of Musicians. The first regular concert of the season will be presented Sunday, Nov. 20 at 3 p.m. at the NWC Station Theater. Selections by Beethoven, Shumann, Mascagni and Wagner will be CA 93555. performed.

Conductor Ron Burdick described the romanticism of each of the composers represented as "The refined romanticism of Beethoven; the emo-

Opening its season with a "Roman- tional romanticism of Wagner; the tic Concert" on Sunday, Nov. 20, the well-crafted romanticism of Schu-Desert Community Orchestra Asso- mann; and the schmaltzy romantic-

Season subscriptions for the con-After a rousing pre-season "Pops" certs are available at \$20 for adults, concert performed on the Lanai at the with reduced season subscription NWC Commissioned Officers Mess, rates of \$35 for families, and \$10 for seniors over 65, students and full

The orchestra association also invites individuals to become members of the association at only \$5 per year-from Oct. 1 through Sept. 30.

Joe McKenzie, DCOA board president, would like the community to experience a "Celebration of Sound" with the Desert Community Orchestra. Checks for subscriptions or memberships may be mailed to DCOA, P.O. Box 1988, Ridgecrest,

Tickets are also available at the door at the time of the concert.

NWC HOTLINE

Integrity, efficiency program Call: NWC ext. 3636 (24 hrs.)

Rockereer

SURE SIGN OF FALL—Members of the China Lake pack of Tiger Cub Scouts are learning about "Helping Others" in November. By joining forces, they raked the yards of their neighbors on Intrepid Avenue last Thursday. The blustery day competed with the Scouts' raking efforts, but value of the lesson learned put the Scouts out ahead.

Auction to -----CLIP and SAVE----offer surplus Local Auction 41-9091 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Tues-

day, December 13. The auction will begin at 9:30 a.m. in Bldg. 1073, Warehouse 41, and the public is encouraged to bid. Among the 237 items to be offered

will be tent trailers, generator sets, pneumatic rivet guns, welders, Graflex camera, work benches, microfiche readers, PA system, fire extinguishers, cement mixer, hydraulic jacks, map files, pole trailer, house trailer, isopropyl alcohol, trichlorotrifluorethane, and pickup trucks. The items will be on display for inspection from 8 a.m. to 3 p.m. daily except weekends beginning Thursday, Dec. 8. A complete list as well as sale terms and conditions can be seen

at Bldg. 1073, Warehouse 41. Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money orders, traveler's checks, etc.). Purchasers will have until December 20 to pay and remove

Because the Defense Reutilization and Marketing Office is located within the Naval Weapons Center's interior security fence line, prospective bidders without an NWC pass must stop at the main gate visitor's center and obtain a pass before coming

For further details, contact Phyllis at Bldg. 1073, Code 97, or NWC ext.



Service Constant Color

8 Rocketeer

November 18, 1988

November 18, 1988

MCPON Bushey assumes command and sets goals

(Continued from Page 3) during his tour.

Course on Pier 2 at the Washington further from the truth. Navy Yard, the cameras roll and Getting involved is what his job is Bushey tells the officers he has a

did he give out his home phone num- and their dependents." ber, but also responded when a call After a lunch of yogurt, crackers

Later, back in his office, Bushey digs into his "in" basket, which is overflowing with correspondence and other paper work. A picture frame hanging conspicuously close to his desk bears a message that at once reveals the MCPON's wry sense of humor and belies his own philosophy: "A superior sailor is best defined as (requests for waivers will be consid-

shey delivers his message : all about. Bushey's mandate to help problem with the current policy of not "An airman recruit with a year and any way he can is clearly spelled out allowing an E-4 to remain in the Navy a half in the Navy already had two in the final paragraph of the MCPON more than 10 years, especially when captain's masts. No one wants this charter: "The MCPON acts at all the E-4 in question is a productive, sailor in their shop, but a first class times to maintain and promote the nard-working sailor. "My theory is petty officer steps in and volunteers to chain of command and its associated why don't we leave them alone," he that airman recruit is now a chief. The and practices which affect the utiliza- mobility at the top. chief said the difference was that tion, morale, retention, career somebody cared. The shop supervisor enhancement, organizational effec-- the first class petty officer who tiveness and general well-being of the took time to be concerned - not only enlisted men and women of the Navy

for help came out. A personal touch and grapefruit juice at, his desk saved the airman. By the way, that between phone calls and paper work, first class petty officer made senior the MCPON drives to Southwest authority. If we kick him out, what fleet." chief and was recently selected for Washington to speak to a conference have we done? He's got 10 years in of prospective commanding officers the Navy, we kick him in the pants at shore stations Navywide. During and out the door he goes. No severhis candid, 50-minute talk, Bushey shares his feelings and concerns on a these people are real dedicated, hardnumber of topics, including high-year working sailors." tenure and peer ranking for enlisted evaluations. Basically, high-year instruction policy lies in the problems say, 'Hey Admiral, captain so and so

Securities

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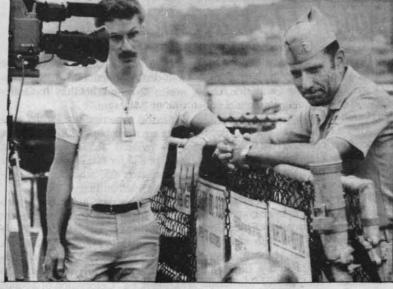
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one who uses his superior judgment ered), while peer ranking (NAVMIL-An hour later, at a videotaping for an introduction to the Leadership and use of his superior skills." For 2) requires reporting seniors to rank Management Education and Training Bushey, of course, nothing could be the top 50 percent of 4.0 performers in paygrades E-6 through E-8.

"You can't convince me that a third class petty officer is holding up the promotion system. If you, as CO, but they're not. The purpose of peer come to the bureau and say, 'This guy has earned his paycheck, he's a doggone good sailor; he can't pass the E-5 exam, but I want to keep him,' I think you, as CO, ought to have that ance pay, no nothing, and some of

tenure (OPNAVINST 1160.5B) calls that selection boards have encoun-



accept him. In six months this sailor chain of communications. Further, says, explaining that the reason for AVCM(AW) Duane R. Bushey, master chief petty officer became the sailor of the quarter. the MCPON is concerned with exist- high-year tenure is to unplug the of the Navy, takes a break during a recent taping of an "What made the difference? Well, ing or potential situations, procedures promotion system by creating more introduction to a Leadership course. Photo by PH2 Mark Therier

are the top performers, Bushey says. down there.' I'm not going to do that. "If evals were written fairly and prop-I'm not here trying to make a name erly, we wouldn't have that problem, ranking is to pick out the cream of the crop, so you can surface the top ones out. There are many confusions about peer ranking and NPMC and I are working to get the word out to the

Bushey winds up his visit to the shore command conference with a promise: "I will not, in my travels, come aboard your base, and if I see something wrong, hide that in my back pocket, come back to Washing-The root of the peer ranking ton, D.C., and run in to the CNO and for mandatory retirement ages tered in the past in determining who up. You ought to see what he's doing down at wherever has really messed

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LUNCH SPECIALS

for myself. I want to really, really seriously help the chain of command work. If I see something wrong at your base, I'm going to give you the courtesy of coming by and paying you a call."

Back in his office a half-hour later, Bushey is visited by a chief who's an old friend, a captain deeply involved in policy-making and a representative from the Navy League. He makes time for them all, treats each as if they were the most important person he would see all day, and doesn't get back to his over-stuffed basket until well after 3. He won't get home from the NCOA reception until almost midnight.

"There's places I gotta be," he tells the Navy Leaguer, "and there's just not enough of me. If I stay on the road too long, I'm not really doing any good. You go out, shake a lot of hands, listen to a lot of people, and they say, 'Boy, the master chief of the Navy's great' and then three years later they say, 'Gee, what'd he ever do for us?'"

The answer to that question, more often than not, will be "everything he could, and it was plenty.





November 18, 1988

Presentation targets Soviet Navy

On December 1 & 2 the United States Navy's Soviet Seapower Education Program will be presented in the Naval Weapons Center's theater for military and civilian employees at China Lake.

The Soviet Seapower demonstration is designed to educate personnel about the Soviet Union and Soviet Naval doctrine, tactics and motivation. Developed by the Navy and Marine Corps Intelligence Training Center (NMTC), Dam Neck, Virginia, this program is an elaborately produced, multi-media professional presentation.

The six-hour classified version of the program will start at 8 a.m. on Dec. 1 and Dec. 2, ending at 3 p.m. There will be two breaks during the morning and afternoon sessions and a lunch break.

In the morning, the five-person team will present a look at the people, history, ideology and government of the Soviet Union. It traces the evolution of the Soviet Navy from its Russian origins through the world-wide operations of its most modern warships. It also provides a unique look at the personnel who man today's Soviet Navy.

The atternoon session concentrates on Soviet Naval wartime strategy, doctrine, tactics and capabilities.

On the evening of Dec. 1, the team will present a condensed two-hour unclassified version of this presentation. Families of China Lake employees and those employees unable to attend the classified presentations are encouraged to attend this evening program.

Members of this team include Cdr. Richard Papworth, LCdr. Woody Poole, Lt. Tim Duvall (AKA Kapitan-Levtenant Yuri Inovich Koroy), Lt. Matt Connelly and IS1 Andrew M. Williams (AKA Petty Officer Alexie Ianovich Menshikov)

Tickets to the classified sessions of this presentation will be distributed through the Center directorates. Since seating is limited, anyone receiving a ticket who cannot attend is urged to return the ticket to the person they got it from so someone will fill that seat.

No tickets are needed for the unclassifed showing on the night of Dec. 1. Seating in the Station Theater for this night will be on a firstcome, first-served basis,





NEX Values galore for shoppers

Good values abound at the Navy Exchange on board the Naval Weapons Center. The Exhange is offering

the following values: Double Couponing at the Navy Exchange is back. Every Monday, all coupons (except cigarette coupons), will be accepted at double their face value.

Appliance of the Month is the Oskar High Efficiency Food Processor for \$28,99. Easy to use and clean. the appliance has no complicated parts. It takes up less space than a toaster and includes a stainless steel slicer/shredder, a reversible disc, a processing bowl cover, storage lid and a side discharge attachment. Model #14081, White.

Camera of the Month Freedom Tele QD Camera Kit by Minolta for \$229. The kit includes the Freedom Tele 35 mm Autofocus Camera with quartz data back, lens cleaning kit, mini photo album, booklet entitled "How to Take Winning Pictures" and a durable camera bag.

NWC HOTLINE ntegrity, efficiency program Call: NWC ext. 3636 (24 hrs.) or call the inspector General at: (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 443 6743 (commercial)

November 18, 1988

Rockeheer

CLPD sets radar areas Motorists on board the Naval Wea- week are listed below.

that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggum, traffic manager, CLPD Operations radar traffic enforcement for next mentioned above.

pons Center (NWC) are reminded . Monday - Lauritsen Avenue. •Tuesday - Poleline Road. •Wednesday - Sandquist Road. •Thursday - Nimitz Avenue. •Friday - Knox Road (North). Branch, areas of concentration for as well as in areas other than the ones

sioned Officers' Mess, Bowling Cen- facilities for futher information. The closed for the day. ter and the China Lake Golf Course Bowling Center hours are 1 to 9 p.m. will be closed on Thanksgiving Day. The COM will be open for Thanks-Centers, Top-4 Club, Enlisted Mess, Friday. Violations may be cited at anytime will be closed on Thanksgiving Day.

All Morale, Welfare and Recrea- giving dinner while the golf course Craft Hobby Shop, Theater, Youth

MWR holiday schedule set

tion facilities other than Commis- will open for limited use. Call these Center and the NWC Gym will all be



Save on name brand items for women, men, children and the home.

WOMEN

Misses selected famous maker coordinates. (Petites available in selected stores). Sale 33% off.

Missy velour separates. Sizes S-M-L. Reg. \$32.-40. Sale 33% off.* Cathy Daniels knit separates. Sizes S-M-L. Reg. \$24.-41. Sale 33% off.*

Dee pleated skirts. Select from Short and Average lengths in assorted colors. Reg. \$15. Sale 25% off." Selected Fall dresses. Misses and Petites. Sale 33% off. Entire stock of Misses leather and suede jackets. Sale 33% off.

Selected active jackets. Orig. \$55.-60. Sale 40% off. Famous maker robes. Sizes S-M-L-XL. Orig. to \$42. Sale \$29.97.

Holiday peignoirs in pastel and holiday colors. Sizes S-M-L. Orig. to \$40. Sale \$24.97.

Entire stock of Warner's bras and Exquisite Form "Fully" bras. Sale 25% off.* Selected Junior tops. Choose from knit oversized tops.

fleece tops and selected shirts. Sizes S-M-L. Reg. \$20.-32. Sale 33% off.*

Selected Junior pants. Choose from basic to menswear belted styles. Sizes 3-13. Reg. \$26.-38. Sale 33% off.* Sarne vinyl handbags. Double handle and shoulder bags. Reg. \$24. Sale 33% off.

Bueno collage bags and clutches. Reg. \$15.-30. Sale 33% off.

Prince Gardner eel skin calculator clutch. Reg. \$39.99 Sale 40% off.*

Michael Stevens leather bags. Reg. \$38. Sale 25% off.*

Holiday kremitz bead necklaces and earrings in festive holiday colors. Sale 50% off.*

Selected faceted Bohemian glass necklaces and earrings in gem stone holiday colors. Sale 50% off.* MEN

Entire stock of London Fog sweaters. Choose from solids and fancies; crew-necks and cardigans. Reg. \$30 -55. Sale 33% off.*

Levi Dockers with pleated styling. Reg. \$32 -36. Sale 25% off.*

Entire stock of Men's outerwear. Choose from nylon poplins, and canvas in the latest styles. Reg. \$30.-50 Sale 33% off.*

Haggar pleated and wool blend dress slacks. Reg. \$38 Sale 25% off.*

Gallery by Haggar pleated dress slacks. Reg. \$34 Sale 25% off.*

Geoffrey Beene ties. Reg. \$14. Sale 40% off.* Arrow Dover and Bradstreet solid dress shirts.

Sale 25% off."

Entire stock of Vincente Nesi dress slacks for Young Men. Reg. \$23.-36. Sale 25% off.* Entire stock of Young Men's sweaters. Sizes S-M-L-XL. Reg. \$28.-35. Sale 33% off.*

CHILDREN

Boniour sweaters. Toddler and Girls' sizes 4-14. Reg. \$8.97-11.97. Sale 33% off.* Selected Girls' dresses. Infant, Toddler and Girls' sizes 4-14. Reg. \$24.-50. Sale 33% off.*

Girls' blouses. Long sleeve solid and plaid styles Sizes 4-14. Reg. \$10.97-13.97. Sale 33% off.*

Selected Buster Brown playwear. All children's sizes. Values \$10.-27. Everyday low price \$6.97-19.97 Take an additional 25% off the everyday low price.*

HOME

"Trivoli" lace tablecloths, Values \$30 -40 Sale \$15 97 Tuffed ruffled chair pads in assorted prints. Value \$10. Sale \$4.97.

Martex bath sheets. Values \$20.-48. Sale \$9.97-14.97. 18" glass turkey platters. Value \$20. Sale 50% off. Mikasa "Carmen" crystal servewear. Value \$25. Sale 50% off

WIN A \$100. **BOSTON STORE** SHOPPING SPREE

A drawing will be held on December 21, 1988 for a \$100. Boston Store gift certificate. Just in time for the holidays!

Fill out the entry blank below and drop it in the drawing box in the Ridgecrest Boston Store

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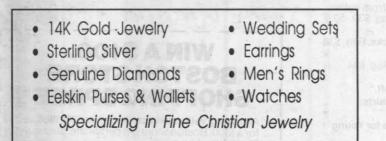
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Drop off at Jewelry To Go Drawing to be held Dec. 21 November 18, 1988

BUSINESS MACHINES

ary action, even dismissal? The use of Navy-owned or controlled motor vehicles is restricted to official purposes only. The term "official purpose" means that the travel must be performed by a person in an official capacity as an vehicles rented, leased or provided by a contractor are subject to the same restrictions as the pickup truck with USN numbers painted on the from one point to another.

announced in April.

Pentagon.

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LASTING IMPRESSION!

November 18, 1988

Rockeleer

Use of government vehicles restricted to official use only

by Public Works Department

day occurrence for many employees. Do you know that many times the seemingly correct or innocent use of these vehicles is actually prohibited and could lead to a serious disciplin-

Probably the most misunderstood and misused factor in government vehicle abuse is the domicile-towork provision in the law. Basically,

the law says domicile-to-work travel, and vice-versa, will not be

With over 1300 vehicles in the The exceptions are few, such as the Naval Weapons Center's fleet, use President of the United States. No of government vehicles is an every- one on the Center is eligible under current law, and it takes a secretary

of defense waiver to allow such use. Clearly, driving a government vehicle from home to the job site is prohibited, but similar activities, just as illegal, can occur under the temptation of convenience. Some examples: Engineer Ed lives in Invokern and on Tuesday afternoon is told he has to meet a visiting Israeli Major General at Inyokern Airport at 7:30 Wednesday morning, transport him officer or employee. There are two to the Range Control Center for a important points to remember here: briefing, and then drive him back to the airport that evening. A government van has been provided for this mission. Ed drives the van home Tuesday night to save overtime in side, and that drivers must be in the the morning. That evening Ed stops process of performing an official act at home after dropping his passenger of transporting an object or person off and drives the van to work Wednesday morning. Logical? Yes. Convenient? You bet. Illegal? For sure!! A more common example is the

vehicle operator who stops at the Credit Union, Snack Bar or PX during lunch hour while on the way allowed in government vehicles. from one official stop to another "On my own time," wails the offenfrom one official stop to another.

der to no avail. Another misconcep tion is that a government vehicle may be driven to and from home when a person is "on call" for a period of time or has to respond to emergency call-outs. This is not true and is specifically prohibited in the law. Primary offenders are military personnel assigned to on-call status. on weekends or holidays.

There are many opportunities today to innocently misuse commercial vehicles that are rented or leased directly, or provided by contract. Regardless of the method, if government funds ultimately pay for these vehicles, the same laws are in effect. An unofficial use of this kind of vehicle can quickly turn to trouble if the operator forgets this basic fact.

With the ever present critical view of alleged government waste and abuse of public funds, official use of vehicles will always be under close scrutiny. It is to everyone's advan tage to know and obey the laws concerning use of government vehicles. The next time it appears logical or convenient to operate a government vehicle in a certain way, ask yourself "is this legal, or is it just for my



FLOWER RETURNS TO VX-5-Capt. Eric Vanderpoel commanding officer, Air Test and Evaluation Squadron Five,left, points out work in progress in the VX-5 hangar to Capt. Roger Flower, past skipper of VX-5 and currently Inspector General, COMNAVAIRPAC, San Diego.

Choir offers holiday songs

offered by the Cerro Coso Communi- to lighter, fun songs. ty College Choir during its winter The program includes "Three Folk concert at 7:30 p.m. Fri., Dec. 2, at Songs," by Felix Mendelssohn; "This 201 W. Graaf St.

public.

Richard Mansfield, a professional "Fanfare for Christmas Day," by accompanist, will play the piano and Martin Shaw; a collection of carols, organ.

Ten holiday selections will be ange from very serious and romantic

Immanuel Baptist Church Sanctuary, Have I Done for My True Love," by Gustav Holst; "Magnificat," by The concert is free and open to the Chales T. Pachelbel; "Throw the Yule Log On, Uncle John," by P.D.Q. Bach; "All the Things You Are," by The choir, conducted by instructor Jerome Kern;"A Song of Hanukkah, Lois Sanders, is comprised of 30 stu- by Samuel Adler; "The Star Carol and dents between 18 and 70 years old. O Hearken Ye," by Alfred Burt; by various artists; and "Caribbean Sanders said the music selections Carol," arranged by Ringwald.



ond annual Navy/Marine Corps-wide photographic competition is under-way. The Naval Imaging Command has announced that all Navy and Marine Corps personnel, military, civilian, active duty and reservists are eligible to participate.

Selected photos, with by-line credit to the photographer, will become a part of the Navy's permanent photography collection, and eventually

Photos may become part of Navy's history.

publications around the world.

by Jan. 31. Contest rules are simple 1988 and must be unclassified.

Amateur photographers will com- major category winners.

surface, Staff and Support Activities, Special Forces (mine warfare and become a part of the National Arc- special operations), Marine Aviation, hives historical file. These libraries Marine Combat Arms and Marine regularly provide photography for Operations (combat support, staff and related activities). Photography must All eligible people are urged to have been taken during the period submit original photographic entries October 1, 1987 to December 31,

and do not require elaborate prepara- Professional photographers, (for that a copy of any photograph tion for submission. Results will be example, Photographers Mates, Journalists (NEC 8144, 8146, 8148) MOS Winners will receive plaques and 4300 and 4600 series, civilian job certificates, and their winning entries series 1060, 1071, 1984) will comwill be made available for publica- pete in one open category encompasstion. Plans are also underway for a ing the eight subject areas specified display of winning entries in the for amateurs. An overall best photo of the contest will be selected from the

pete for first, second and third place The Imaging Command coordinain eight categories: Surface, Air, Sub- tor, Barbara Proffitt, of the DoD Still ton, D.C., 20374-1681.

Media Records Center, emphasized that slides must be original, color and black and white prints must include the original negative, and a caption of about 25 words describing the photo graph must accompany each submis sion. She also explained that a copy of any photograph must accompany each submission. She also explained accepted into the Center files will be provided to the originator upon

A panel of Navy and Marine Corps audiovisual experts from a wide range of headquarters activities will judge the entries.

Photos can be sent to Naval Imaging Command, ATTN 1988 Photo Contest, Bldg. 168, NDW, Washing-

Xerox Ventura Publisher FREE diskettes FREE \$25 gift Version 2.0 Xerox Ventura Publisher, the best in desktop publishing, has just gotten better: Version 2.0. Expanded printer, display, and font support, and new keyboard shortcuts mean this Ventura is easier to use than ever. New features include text rotation. vertical alignment, over 300 on-line help menus, and Word Perfect 5.0 & WordStar 5.0 interfaces. Introductory special: XEROX List \$895 Only \$559 Authorized **Computer Store** 249 Balsam 375-5744 next to the Music Man Register for Our Christmas Giveaway Drawin Address Telephone necessary. You don't have to be present to win. Complete co e Computer Store at 249 Balsam. Drawing will be held Dec bring it to the Compu





and water will be available on the half



2nd BIG WEEK – The Christmas list is getting longer! Drop your coupon off today at each and every participant. Remember, you MUST ENTER TO WIN. Now till December 16th, the Rocketeer will give a listing of all participants and their gifts to the Christmas Kick-Off Drawings. Just look for the ad, fill out coupon and turn in **at the store**. Look for Kick-Off coupon boxes in each store. All drawings will be held on Dec. 21 by each store. If you're not a winner, you still have a chance – **5 Chances**. The Chalfant Press, Inc./Rocketeer Advertising Dept. is drawing from all non-winning coupons to give away **5 \$100 Gift Certificates**. So Enter Today! PLEASE, ONE COUPON PER PERSON, PER DRAWING.

in al	This Week's Participating Stores:	Address	Gift
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	HI DESERT INTERIORS	1519 N. Norma	Microwave Oven
	TIRE MAN	517 Inyokern Rd.	Set of Tire Locks
	COMPUTER STORE	249 N. Balsam	\$25 Gift Certificate
	VISIBLE CHANGES	634 China Lake Bl., Ste. B	5 Tanning Sessions
	MR T'S JEWELRY	634 China Lake Bl., Ste. E	\$50 Gift Certificate
	CHINA SZECHWAN RESTAURANT	1635 N. China Lake Blvd.	Free Lunches
	BOSTON STORES	730 N. China Lake Bl.	\$100 Gift Certificate
	DESERT AUTO PARTS	500 Atkinson (on Norma, 2 blks. So. of Inyokern Rd.)	16-Foot Jumber Cables
	SHAYNA OF RIDGECREST	1539 N. China Lake Bl., No. 147	3 Mos. Free Rent & Installation (Over \$60 Value)
	JEWELRY TO GO	115 E. California	\$75 Gift Certificate
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November 18, 1988

Rocketeer > 3

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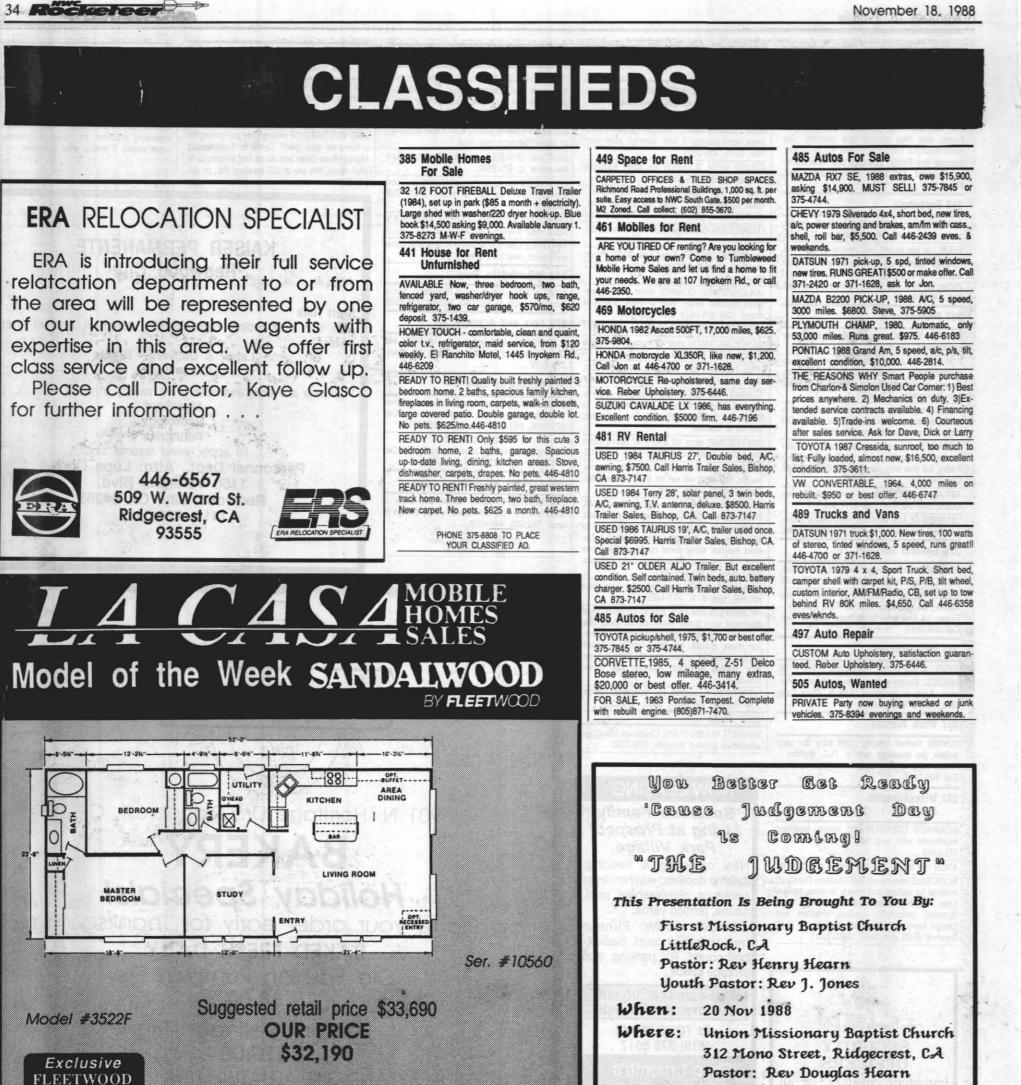


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THE JUDGMENT?

READU FOR

Lancers 3, Strikers 2 No Strikers scoresheet. Glenn Conrad and Daniel Hartley did the scoring for the Lancers. They also had a strong game from Luke Woydziak and Scott Tenzycki.

Division IV Whitecaps 3, Fury 2 John Keller in goal was joined by goal scorers Allan Paisans, Quannah Driver and Kevin Self as the Whitecaps edged the Fury. Tommy Fuller and Brett Wood did the scoring for the losing squad while the strong play



Earthquake 0, Sting 0 The scoreless tie was highlighted by the strong goalkeeping of the Sting and the futile scoring tries by Ian Lelis of the Eathquake. Leading the Sting were Jason Ford, Michael Koelsch, Christian Robertson, Tom Davis, Christy Davis and Cherish North. The Earthquake got a good game from Keith Parris, Jeffrey Bailey and Lelis. Goalbusters 3, Strikers 2

No Goalbusters score sheet. The Strikers were led by Reed Zaylen, Jessup Parsons, Philip Turnbull, Nick Pritchard and Stan Scofield.

of David Gartner kept it close.

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Dealer

November 18, 1988

Rocketeer

Bowlers help on Saturday

fund raising activity conducted by the foundation. This year's Bowl-a-thon will be held at Sierra Lanes, 634 S. China Lake Blvd., on Saturday, Nov. 19, from 1:30 to 5 p.m. Shoes and games are "FREE" with a sponsor sheet. Donations will be collected Dec. 3 at Sierra Lanes.

The basic concept of this event is to raise money through a pledge format based on the score of the participant. Participants pick up a sponsor form at Sierra Lanes, and bowlers secure pledges for every pin knocked down in the three-game series.

The grand prize is a trip for two to Hawaii, for the bowler collecting the most money from pledges and donations and turning it in by Dec. 3. The second prize is a trip for two to Puerto Vallarta. There are many other prizes for participants collecting \$50 or more. With the public's help, this year's Bowl-For-Breath will be a gigantic success.

Jan Leverett, Beta Sigma Phi Council president, is the Center chairman for Ridgecrest. Her spokespersons are Stephanie MacArthur, age 10 years and Shane Summers, age 11 years. Both are students at Ridgecrest Christian School.

Leverett, MacArthur and Summers invite company bowling leagues, youth leagues, senior leagues, clubs, organizations, church and civic groups, friends, family and coworkers to participate in this event to support the foundation's research, care and education programs.

Soccer

(Continued from Page 21)

CF research Turkey Trot race is scheduled

Foundation, and the largest single Nov. 24. The race will be about three fee is \$1.

name of the Bowl-a-thon fund raiser announces its annual Turkey Trot Sign-ups will begin at 9 a.m. and the race, so everyone has an equal chance For more information, contact the conducted by the Cystic Fibrosis race, to be held on Thanksgiving Day, race will begin at 10 a.m. The entry of winning, regardless of how fast race director, Mike Mumford, at

Get ready for the big Thanksgiving miles, starting from the Cerro Coso Prizes will be awarded by a blind from various sources, including local handicap drawing at the end of the merchants and the "club closet." they can run. Prizes will be donated 375-5876.

American Airlines Low Fares Make Taking Off For The Holidays Easy.

This Holiday Season, Plan Ahead And You'll'Really Go Places. If you need a lift this holiday season, we have just the ticket. American Eagle and American Airlines offer low fares and convenient flights to destinations all across the U.S. and Puerto Rico. And if you make your travel plans early, you can save even

more. So take off for the holidays. Call your SATO, your Travel Agent or American Airlines toll-free (800) 433-7300.

FROM INYOKERN/ **RIDGECREST, CA*:** Boston Buffalo Chicago Cleveland Dallas/Fort Worth Detroit Fresno* Honolulu Lake Tahoe, CA Long Beach Los Angeles Maui, HI Modesto, CA* Monterey, CA* Nashville Newark New York

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Washington, D.C.

*American Eagle city: American Eagle' is a registered service mark of American Airlines, Inc., and is American's regional airline associate. Schedules subject to change without notice.

American Eagle

Junior division rifle shoot Linksters benefit from fine weather

China Lake golfers took advantage of the holiday weekend to participate Men's Club Scramble set for Sunday, in tournaments last Friday, Saturday Nov. 27. Call the Golf Club for more and Sunday

On Friday, the golf club held a "Two Best Balls of Three" tourney. Placing first with a score of 129 was day, tee times will begin at 7 a.m. and the team of Bobby Keen, Roger Short tentatively close at 2 p.m. The driving and Jim Bradbury. John Shoaf, Dave range will remain open until dark, but Livingston and Mickey Sarad placed tokens will not be available after the second with a score of 129. Coming tentative closing time. in third was the team of Jane Necherd, Horace Bost and Dennis Vogt.

The Saturday play was a "Net Aggregate of Two" contest. First place was captured by Bill Guliani and Basil Legg with a score of 140. Close behind was the second place team of J.D. Ward and Gene MacGregor with 141. Also scoring 141 was the third place team of Dave Cornell and Frank O'Baker. Fourth place went to Bobby Keen and Walt Hicks with 144. Ralph Pinto and Bob Hill took fifth place with 144.

Sunday saw a "Best Ball of Two" tourney. Ed Nelson and Chuck Severson took first with a score of 63, while the second place team of Bob Hill and Bob Hooper also scored 63. Right behind in third place with a score of 64 was the duo of Keith Manley and Pobby Keen.

Plan now to participate in the information.

Because of the Thanksgiving holi-



7-1-1-1-

ing at 7 p.m., followed by a second one instruction in the proper shooting relay which starts at approximately procedures and can join at any time. It 7:30 p.m. Squading is on a first come, is not necessary to wait for the yearly 446-3455 after 7:30 p.m. or the club's first-to-shoot basis. Junior club mem- Marksmanship Class to join. All president, Charles Beach, at bers are provided with .22 caliber necessary equipment and materials, 375-2900 for more information

clubhouse located at the Naval Wea-

Every Tuesday evening the Sierra ammunition for 75 cents. Range fees including target quality .22 caliber rifles are provided by the club. Division smallbore rifle practice at its cents for non-members.

The Junior Division is open to boys Parents interested in having their pons Center. The range opens at 6:30 and girls between the ages of 11 and children learn better shooting through p.m. and the first relay begins shoot- 18 years. Members receive one-to- the safe, sane and effective employment of firearms in hunting and target shooting can call the clubhouse at

Gun club slates practice

every Wednesday evening. The range opens for preparation 7 p.m. with shooting beginning at 7:30.

The clubhouse is also open for both junior and senior small bore rifle practice every Saturday morning (except the fourth Saturday of the month, which is reserved for the The small bore range has lights for 446-3455 or the club's president, monthly small bore silhouette night shooting at both 50 feet and 50 Charles Beach, at 375-2900.

the Sierra Desert Gun Clubhouse with shooting starting at 9:30.

Range fees are 25 cents for juniors, 50 cents for adult members and \$1 for non-members. The clubhouse has .22 caliber target rifles and spotting scopes available for use by club members.

Small bore practice takes place at match). The range opens at 9 a.m. yards. An assortment of targets is stocked for firing at different ranges, as well as 50-foot small bore silhouette. The use of air rifles is welcome at the range during small bore practice.

> People wanting more information on the Sierra Desert Gun Club should call the clubhouse around 7:30 p.m. at

Elaine Arnell earns DOD honor

Elaine Arnell of Morale, Welfare tions in the area of morale, welfare (SPAWAR) recipients of this honor. Certificate."

Capt. John Burt, Naval Weapons here. Center Commander, made the presentation of the certificate. He said

Arnell, now head of the MWR Recre- secretary of defense (installations), Division in the Human Resources ation Branch, was recognized for her chose Arnell as one of the Space and Department, added his congratulacustomer oriented contribu- Naval Warfare Systems Command tions for a job well done.

and Recreation at the Naval Weapons and recreation. The certificate cited RAdm. John Weaver, SPAWAR Center, joined an elite group of feder- her efforts in heading community Commander, said in his letter endorsal employees recently when she recreation at NWC, her expansion of ing the award, "It is always satisfying received the Department of Defense the craft/hobby programs at the Cen- to learn that members of our Com-"Customer Service Honor Roll ter and her creation of youth center mand have performed exceptionally and summer recreation programs well and have given unselfishly of their time."

Robert A. Stone, deputy assistant Jim Bowen, head of the MWR

Lap swim schedule for winter

Enjoy lap swim at the Naval Weapons Center's indoor pool through the remainder of the fall/winter schedule.

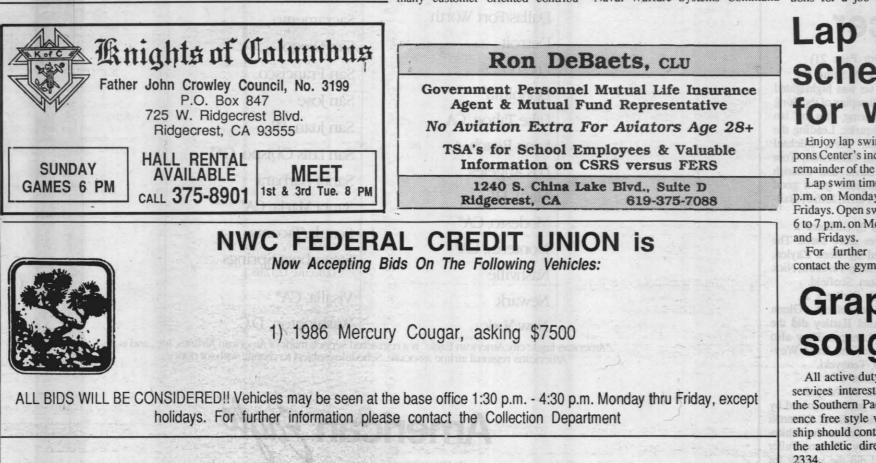
Lap swim times are from 4:30 to 6 p.m. on Mondays, Wednesdays and Fridays. Open swim will remain from 6 to 7 p.m. on Mondays, Wednesdays and Fridays.

For further information, please contact the gym at NWC ext. 2334.

Grapplers sought

All active duty personnel from all services interested in competing in the Southern Pacific Sports Conference free style wrestling championship should contact Mike Slobodnik, the athletic director, at NWC ext.

Competitions, in all weight classes, will be held in San Diego on Sunday, Dec. 4.



November 18, 1988

305 Business

PRINTER & typewriter ribbons, quick delivery high quality, Mastercard accepted. B & L Office Products, 318 W, Ridgecrest Blvd, 375-8422, WAI K-LIPS CLISTOM LIPHOL STERY. We offer free estimates with samples brought to your home, also free pick-up and deliv Ou workmanship is 100% guaranteed. 8 a.m. - 5 p.m. Monday thru Friday. Evenings and Saturday by appointment 446-3929, 721 Inyokern Rd.

313 Personals

AVAILABLE for bookings "Hands Tied", dances partys, receptions. Call 375-6826 or 377-4185. AVON - to buy or sell, call Debbie at 375-1138. LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday Friday, full time only, family home care certified Call 446-2242.

317 Professional

CUSTOM SEWING and alterations, call for an appointment, 446-5983,

FOR CUSTOM Auto Upholstering and motorcycl re-upholstering come to Reber Up Serving the Ridgecrest area since 1976. Satisfaction Guaranteed. 375-6446.

LIONS Song offers quality piano tuning at a quality price, only \$35 for a normal tuning. Call today for an appointment. 371-1671. LOVING Mother offering child care for your

toddler, no spanking, lots of TLC, Monday Friday, full time only, family home care certified Call 446-2242.

REPAIR WASHERS, dryers & major appliances Guaranteed Service. Call 371-1599 STAINED GLASS windows. Reasonable prices,

financing available. 446-4640/377-5536 Patrick 325 General Services

AVAILABLE for bookings "Hands Tied", dances, partys, receptions. Call 375-6826 or 377-4185. LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday Friday, full time only, family home care certified Call 446-2242.

333 Help Wanted

AVON - to buy or sell, call Debbie at 375-1138. NEEDED: Busboys, Hostesses & Delivery Persons. Apply in person at 1635 N. China Lake Blvd., China Szechwan.

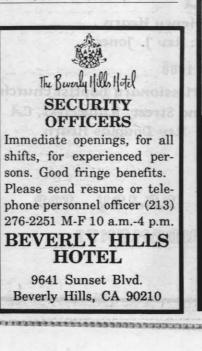
337 Work Wanted

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday -Friday, full time only, family home care certifie Call 446-2242.

353 Miscellaneous For Sale

9-DRAWER DRESSER with mirror, matching adboard with king bed and linens. \$250. 375-2469

AVON - to buy or sell, call Debbie at 375-1138. BOOK SALE from recent NWC Auction. Research material for authors and private libraries, various fields including mathematics, psychology, management, philosophy, medical, childrens and foreign. Many pamplets. Saturday only 201 C N. Sanders (8:00 a.m. until 12:00 p.m.)



353 Miscellaneous For Sale

CALIFORNIA KING WATERBED, large ornate dboard must see. \$300. 446-6747

COMPUTER, Commodore 64 monitor, printer, e, documentation, Mirage (software-data base, word process & adv. reports), used very little, \$475. 446-2205.

COUCH WITH SLEEPER for sale. Excellent ndition \$200, 446-3368

DINETTE SET, glass top & four wood chairs. Good condition, \$100. Sofa, beige/brown plaid, good condition, \$75. Call 446-7044 after 5 p.m. FRIDGEDARE GAS Dryer. Good condition. \$100. 446-6747

GE REFRIGERATOR, Frost Free \$100. Tandy omputer model 3, \$400 or best offer. 446-3277 leave message

HOLIDAYS ARE COMING order your home made tamalies today. Beef or Pork. \$10.00 a dozen. Call 375-0943 after 5:30 p.m.

NEED TRI CHEM? Call Shirley at 372-5252 NEW PORLCIAN for sale, 19" color Lv. w/remote

control, \$300. 446-2639. PEE HERMAN doll, cost \$35, selling for \$30, ever used! Baseball cards. 446-2639.

repaired. Singer & Kirby our specialty, 20 yrs. in Ridgecrest. Call Butler 375-6075. Free estimates,

SKATEBOARD ramp, 10' x 16' x 36' Sports Oasis demo ramp, used 1 day! Make Offer. 446-4700. SOFA BED & Love Seat, 2 yrs. old, looks like new,

oth beds. Big wheel bike, \$10. Apple II 1 disc cord, Z80 joysticks, 50 software disks & books \$400 takes it all. 446-4821

WILHORN & SON firewood sale. Now have

WOMEN'S DENIM jeans, size 40-42; shirts, small bedroom size) green velour stuffed chair, new polyester yardage (various prints), small Coleman ice chest, drapes, blankets, telephone, boots (rubber w/leather uppers, size 8). Deluxe queen size padded waterbed. Railings dark brown. 375-9528

BASSETT HOUND PUPS. Champion bloodline windblown Bassett Kennels. 375-7780

NOW LEASING

Spacious Family

Living at Prospect

Park Village

New carpeting & flooring.

swamp coolers, washer/drye

hook-ups, dishwashers, pool

COMING SOON: Fitness

trail, volleyball court, basket-

ball courts, RV parking, and

2 Bdrm.\$460.00/mo.

3 Bdrm.\$495.00/mo.

401 TORO DRIVE

(619) 375 8617

Save 1 month's

rent with a

6 month lease

Dinner for 2

at Golden Corral

with a 6 month

lease

sauna, fenced yards.

storage space.



357 Pets

6 MONTH OLD and 1 month old cocktiels, also

after 5:30 p.m. or leave message any time.

BIRDS, BIRDS, and more birds! Baby cocktiels

ove birds and diamond doves. Call 375-7475

SEWING MACHINES and vacuums expe

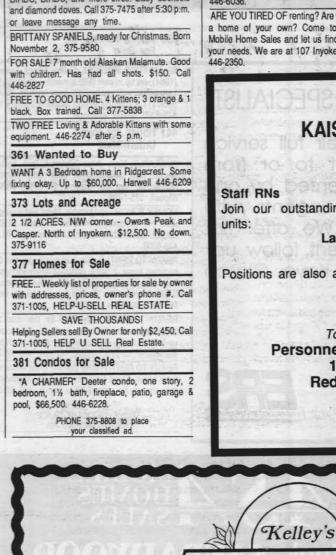
pick-up & delivery.

bought new \$895 will sell for \$575 or best offer. Call 375-3185, keep trying.

TRACTION CABLE 15 inch tires used once, \$40 New never worn black rabbit coat size small, \$40. Two twin beds, 1 has trundle, \$10 & \$20 or \$25 for drive monitor, super serial cord, parallel printe

mond, pine & fir. 377-4465.

ZENITH 25 in, console t.v., dark pine, remote 78 channels, excellent, \$495. 446-2205. 357 Pets



385 Mobile Homes For Sale

1973 GRANDVILLE mobile home. Nice two droom, 1 bath, \$9,000 or best offer. See a China Lake Trailer Park F-20. Call Jerry/Teri 446-6036.

ARE YOU TIRED OF renting? Are you looking for a home of your own? Come to Tumbleweed Mobile Home Sales and let us find a home to fit your needs. We are at 107 Inyokern Rd., or call

385 Mobile Homes For Sale

60'S VINIAGE MOBILE HOME 10 x 57, 2 bedroom, 1 bath, pop-out living room "AS IS" asking \$3,000 make offer. Call 377-3132 for ment, be prepared to leave message on answering machine. Purchaser responsible to ove mobile 2 weeks after purchase.

KAISER PERMANENTE Redwood City

Join our outstanding night nursing team in one of these

Labor & Delivery - Nights ICII - Nights

Positions are also available on a variety of shifts for:

Med/Surg Neurology

Pediatrics To apply, send resume to: Personnel Dept., Attn: Lupe Cortes 1150 Veterans Blvd. Redwood City, CA 94063 (415) 780-3111



Place your order early for Thanksgiving BAKED FRESH DAILY

Ole Fashion Pumpkin Pie \$8.00

Lemon Meringue Pie \$10.00

STOP BY AND SEE ALL OUR OTHER DELICACIES WHICH ARE BAKED FRESH DAILY COUPON

MONDAY-FRIDAY 6:30 a.m. - 5 p.m. Address SATURDAY7 a.m. - 5 p.m. Phone #_ SUNDAY

Closed for Brunch Drop off at Kelley's Greenhouse Cafe Drawing to be held Dec. 21

Christmas Kick-Off Drawing



Rocketeer 33

IT'S HERE! All New 1989 Ford Probe

1989 PROBE GL 2-dr, hatchback, 2.2 Liter engine, auto., overdrive trans., speed control, air conditioning, premium elect. cassette, with premium sound system, power door locks.

WENES WESSING THE WESS

32 Rocketeer

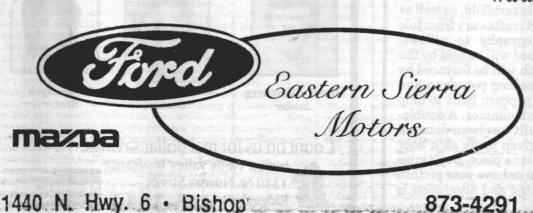


New 1989 Ford Taurus GL 4-Door Sedan ONLY

3.0 Liter V-6, auto. overdrive trans., AM-FM cassette with case, speed control, tilt steering, power door locks, power drivers seat, power windows.

NEW 1988 FORD RANGER 4x4 STX NEW 1988 LINCOLN TOWN CAR #73766 SIGNATURE SERIES #61040 Regular Retail \$15,741 Regular Retail \$28,584 Now Save \$1,500 \$3,500 Save Now OFF STICKER

> PLUS MANY MORE USED CAR VALUES TO CHOOSE FROM prices expire 11-30-88



CSUN slate

EE 480N: Fundamentals of Control Systems (3 units) Formerly EE 468)

January 31 - May 23, Tuesdays and Thursdays; 1610-1740; Training Center. By Mr. Donald Quist, NWC ext. 6275.

Prerequisite: EE 350N: Linear Systems I (formerly EE 360A) or quivalent, or consent of instructor. Scope: A review of the relations etween transient responses, systems transfer functions and methods

specifying system performance, Analysis and synthesis of feedback control systems by means of rootlocus methods. Nyquist diagrams, phase-gain-frequency diagrams. The use of compensating networks to optimize control system performance

#81424

Text: Linear Control System: Analysis and Design. John J. D'Azzo and Constantine Houpis. McGraw-Hill, second edition.

the BS EE program through Cal-State Northridge

Math 477: Differential Equations (5 quarter units) January 6 - March 10, Fridays;

November 18, 1988

1610-2110; Training Center. By Professor El-Ansary, CSB, (805) 664-2130.

Prerequisite: Calculus III or consent of the instructor.

Scope: First-order differential equations; linear differential equations; linear systems; Laplace tranform and its application to solutions of linear differential equations and systems; series solutions of secondorder linear equations and/or numerical solutions of differential equations; topics in nonlinear differential equations and systems; applications.

Note: Either this course or Math 6d: Calculus IV at Cerro Coso is required for the BS EE program through Cal-State Northridge.

For more information about any of these programs or classes, contact Note: This is a senior elective in Cecil Webb at NWC ext. 2648.

Systems engineering data available on December 13

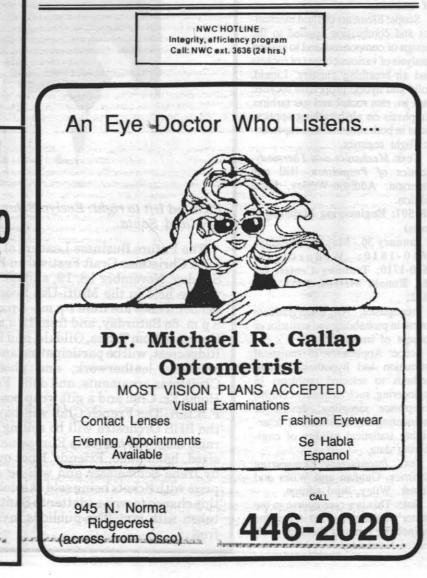
held on Dec. 13 at the Training Center tems engineering. Individual for those individuals interested in the counseling by a CSUN adviser will be on-Center master's degree program available at a later date. in systems engineering offered

through California State University, Northridge (CSUN).

information and answer questions on schedule their attendance.

An information session will be the master's degree program in sys-

Those interested in attending the information session are asked to call Professor Mel Lifson will provide Helen Benes, NWC ext. 2648, to



November 18, 1988





Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career con-ditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employ-ees with Sch.(A) continuing appointments. Also included are spouses, with competitive sta-tus, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications ors hired by a DOD activity within NWC's commuting area. Applica tus, of civilian spons from other groups will be accepted when specified in an advertisement. Vacancies are subjec to restrictions imposed by the DOD Priority Placement Program. Applicants must meet al legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual perforssment rating and narrative, education, training, performance assessment ar

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive considera-tion for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annua performance narrative description does not clearly state the tasks/duties performed); and a ompleted Background Survey Ouestionnaire. A supplemental narrative which relates you tions to each knowledge, skill or ability (KSA's) as cited in the advertises ment i always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to sub mitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civi-lian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promo-tion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 22-009, Clerk-Typist/ Relations Clerk/Employee Relations Assistant, DG-322-1/DG-203-1/2/3, Code 221 - This position is responsible for the day to day operation is responsible Awards and Beneficial Suggestions Programs. The awards program includes all monetary, honorary and performance awards for Center employees. The incumbent is responsible for maintaining awards and beneficial suggestions information on the VAX, for coordinating requests for award nominations, for consolidating nomination packages from the various departments, and for coordinating awards programs such as the Michelson Laboratory award luncheons, etc. With the Beneficial Suggestions Program, the incumbent is responsible for tracking suggestions and coordinating evaluation both on Center and in cooperation with other activities. Job Relevant Criteria: Ability and interest in working with computer-based information systems; ability to coordinate activities with all organizational levels; ability to communicate writing; and ability to con orally. Promotion potential to DG-203-3. but not guaranteed. No. 28-010, Administrative

Officer, DA-341-2/3, Code 28302 This position is the Administrative Officer for the Budget and Resource Analysis Division, Code 283. The incumbent performs the full range of administrative functions within the division. Principle duties include fiscal (preparation of budgets, monitoring, and analysis), personnel, procurement, and facilities support. The nbent is also involved in special studies for the division, branches, and/or department. The ability to be discreet is desirable because of sensitive issues in which the incumbent is nvolved. Incumbent should have good nterpersonal skills. Job Relevant Criteria: Knowledge of NWC budgeting and accounting processes; knowledge of personnel policies and procedures; knowledge

of procurement procedures; knowledge of facilities procedures; knowledge of principles in conducting a study and producing findings and recommendations is desirable; ability to communicate both orally and in writing. Promotion potential to DA-

No. 36-169, Supervisory Mechanical Engineering Technician, DT-802-3, Code 36443 - This position is located in the NAF Model Shop Section, Central Model Shop Branch, Engineering & Production Processes Division, Engineering Department. The incumbent is the Section Head and supervises an organizational unit which is predominantly technical in nature. The section head will direct and actively participate in the technical tasks of the personnel being supervised. Incumbent is responsible for the administration and technical management of a small group of model makers and/or technicians who perform machining and manufacturing related design development of complex hardware Job Relevant Criteria: Knowledge of fabrication and manufacturing tech knowledge of safety practices; knowledge of and willingness to support NWC EEO program goals and objectives; ability to supervise both wage grade and demonstration project personnel. The incumbent may be required to serve a one-year supervisory probational period

No. 36-170, Clerk Typist, DG-322-A/1, Code 3682 - This position is located in the Quality Assurance Branch. The duties consist of receiving and screening visitors and incoming phone calls; receiving, screening and distributing mail; typing official letters, memoranda, travel orders travel vouchers and reports; maintaining office files: performing timekeeping duties etc. Job Relevant Criteria: Knowledge of preparation of travel orders, travel vouchers, trip reports and memoranda;

perform receptionist and telephone duties: ability to type correspondence from rough drafts. Promotion potential to DG -1.

drafts. Promotion porcessory Status eligibles may apply. No. 36-171, Supervisory Specifications Writer/Editor, DP-1083-3, Code 3656 - This position is Undef the Specifications Branch, Technical Department. Head of the Specifications Branch, Technica Data Division, Engineering Department. The incumbent manages and supervises Specifications Writers/Editors and Editorial Assistants who support all Center programs. Job Relevant Criteria: Knowledge of personnel policies, procedures and NWC EEO goals; knowledge of specifications writing/editing; knowledge of the DoD acquisition process including R&D and production; ability to communicate both orally and in writing to all levels of the organization. Incumbent may have to serve one-year supervisory probation period. cement run for several series, one Annound selection will be made. No. 36-172, Supervisory

Engineering Technician, DP-802-3, Code 3656 - This position is Head of the Specifications Branch, Technical Data Division, Engineering Department. The incumbent manages and supervises Specifications Writers/Editors and Editorial Assistants who support all Center programs. Job Relevant Criteria: Knowledge of personnel policies, procedures and NWC EEO goals; knowledge of specifications writing/editing; knowledge of the DoD acquisition process including R&D and production; ability to communicate both orally and in writing to all levels of the organization. Incumbent may have to serve one-year supervisory probation period Announcement run for several series, one selection will be made.

No. 36-173, Supervisory Engineer (General/ Mechanical/ Electronics), DP-801/830/855-3, Code 3656- This position is Head of the Specifications Branch, Technical Data Division, Engineering Department. The incumber manages and supervises Specifications Writers/Editors and Editorial Assistants who Relevant Criteria: Knowledge of personnel policies, procedures and NWC EEO goals; knowledge of specifications writing/editing; knowledge of the DoD acquisition process including R&D and production; ability to communicate both orally and in writing to all levels of the organization. Incumbent may have to serve one-year supervisory probation period. Announcement run for several series, one selection will be made.

No. 36-174, Supervisory Engineering Data Management Specialist, DP-301-3, Code 3656 -This position is Head of the Specification Branch, Technical Data Division, Engineering Department. The incumbent manages and supervises Specifications Writers/Editors and Editorial Assistants who support all Center programs. Job Relevant Criteria: Knowledge of personnel policies, procedures and NWC EEO goals; knowledge of specifications writing/editing; knowledge of the DoD acquisition process including R&D and production; ability to communicate be orally and in writing to all levels of the organization. Incumbent may have to serve a one-year supervisory probation period. nent run for several series, one selection will be made.

No. 39-034, Clerk/Typist, DG-322-1/2, Code 39B11 - This position is located in the Standard Missile Project Office, Intercept Weapons Department. This position is part-time permanent (20-32 hours per week). Duties include typing, filing, receiving visitors, etc. Knowledge of IBM PC or Macintosh is desirable. Promotion potential to DG-2. Status eligibles may apply. No. 39-035, Supervisory

Interdisciplinary (General Electronics/ Electrical Engineer/ knowledge of the filing system; knowledge of preparation of time cards; ability to operate MAC II personal computer; ability - - 3/4, Code 3931 - This-position is that of

Head, Advanced Proximity Sensors Branch, located in the Fuze Sensor Systems Division, Intercept Weapons Department. This branch performs advanced development, engineering development, and production support of proximity sensor systems and related test equipment for air and surface launched guided missiles. The incumbent is launched guided missiles. The incumbent is responsible for providing technical and managerial leadership to a team of scientists, engineers, and technicians and reports directly to the Division Head. In addition, the incumbent is responsible for interfacing with all levels of NWC management program offices, SYSCOM sponsors, other government agencies and services, and development contractors. Previous experience in full-scale development is desirable. Job Relevant Criteria Knowledge of electronic design principles and radio frequency/microwave and/or electrooptical sensor systems; abilty to communicate in writing; ability to communicate orally; ability and willingness o support NWC EEO goals and policies. Incumbent may have to serve a one-year supervisory probationary period. Promotion potential to DP-4.

Technician, DT-802-A/1, Code 62123 - This position is located in the be obtained from Personnel Dept, Environmental Engineering and Evaluation Branch of the Ordnance Test and Evaluation Bldg.

Division. The incumbent will work as a member of a team to perform environmental and safety testing of ordnance and ordnance related items. The incumbent will be required to comply with strict procedures in the performance of tests under the guidance o senior technicians and engineers. Job Relevant Criteria: Knowledge of explosive safety and operations; knowledge of safety testing, ability to work as a team member; ability to communicate both orally and in writing. Promotion potential to DT-

No. 62-042. Ordnance Equipmant Mechanic (Helper), WG-6641-5, Code 62123 - This position is located in the Environmental Engineering and Evaluation Branch of the Ordnance Test and Evaluation Division. The incumbent will work as a member of a team to perform environmental and safety testing of ordnance and ordnance related items. The incumbent will be required to comply with strict procedures in the performance of tests under the guidance of senior technic engineers. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as No. 62-040, Engineering a member of a team. Promotion potential to

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant riteria are generally similar. Secretaries serve as the principal clerical and administrative suport in the designated organization by coordinating and carrying out such activities. Secreta ies perform numerous tasks which may be dissimilar. Positions at lower grades consist pri-narily of clerical and procedural duties and, as positions increase in grades, administrative manity of ciencal and procedural duties and, as positions increase in grades, administrative funcitons become predominant. At the higher levels, secretaries apply a considerable know-ledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below. Applicants will be rated against four or more of the following job relevant criteria: (1) abili-

ty to perform receptionist and telephone duties; (2) ability to review, track, screen and distrisute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose co respondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train cleri-cal personnel and organize workload of clerical staff processes; (8) ability to plan and coordi-nate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to rrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated or Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/7/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 39-038, Secretary (Typing), DG-318-2/3, Code 39B8 - This position is that of the lead secretary for the Sparrow Project Office, Intercept Weapons Dept. As the lead secretary, the incumbent is responsible for organizing and prioritizing the workload from the Project

Manager and staff; delegating tasks to the other secretary; receiving and

screening visitors; answering and screening phone calls; preparing travel plans and iteneraries; making arrangements for neetings; receiving, opening, and screening mail; typing official letters, memoranda and reports; maintaining office files and performing time keeping duties. Promotion ential to DG-3.

otential to DG-3. No. 61-006, Secretary (Typing), Code 6101 - This DG-318-2/3, Code 6101

position is located in the Target Systems Program Office of the Aircraft Department Incumbent provides secretarial and administrative support to the Head, Target Systems Program Office. Knowledge and working skill of the Apple Macintosh is ble. Promotion potential to DG-3.

No. 64-008, Secretary (Typing), DG-318-1/2, Code 64401A -This osition is located in the Simulator Development Program Office, The incumbent provides secretarial support to the program office and the Threat Engineering Branch, Code 6442. Incumbent should be familiar with processing all travel related forms Working knowledge of Macintosh desirable, but not required. Work schedule is first forty. Promotion potential to DG-2.

Early deadline next week

to the next issue of the in the Rocketeer office by Rocketeer.Because of the the close of business on Thanksgiving holiday on Monday, Nov. 21. For addi-Thursday, Nov. 24, all arti- tional information, call NWC cles and photos for the ext. 3354.

Early deadlines will apply November 25 Issue must be

26 Rockereer

Information session set for people interested in CSUN

held on Dec. 13 at the Training Center tems engineering. Individual for those individuals interested in the counseling by a CSUN adviser will be on-Center master's degree program available at a later date. in systems engineering offered through California State University, Northridge (CSUN).

An information session will be the master's degree program in sys-

Those interested in attending the information session are asked to call Professor Mel Lifson will provide Helen Benes, NWC ext. 2648, to information and answer questions on schedule their attendance.



142 Designer Decorated Rooms AAA Approved. FREE Local Calls 24 Hour Restaurant and Lounge Near Major Shopping Malls Entertainment, Dancing, Slots Ample FREP Parking FREE SHUTTLE CASINO-AIRPORT *Limited availability, some convention special event, holiday periods excluded. Must present coupon at check-in Ample FREE Parking

3800 South Virginia, Reno, 89502 • 702/825-4700

direct to hotel 800/762-5190 nationwide

Reassignment opportunities

This column is used to fill position gh reassignment only. For this reason the Reassignment Opportunity Announce ments are separate from the Promotio opportunities column in the Rocketer lications will be accepted until the dat ated in the announcement. Employee whose work history has not been b vinose work nistory has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Infor-mation concerning the recruitment and placement process and the evaluation placement program and the evaluation methods used in these reassignment oppor-tunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person ose name is listed in the announce The Naval Weapons Center is an Equa Opportunity Employer.

No. 31-071, Computer Scientist, DP-1520-1/2/3, Code 3159 - This position is located in the Sensor Systems integration Branch, Targeting Division, Aircraft Weapons Integration Department. Incumbent will perform programming, software prototyping, software testing and software engineering related to the development and operational support of airborne infrared systems. Responsibilities will also include establishing and performing independent software testing functions within the branch. To apply, send a current SF-171 to D. B. Billings, Code 3159, NWC ext.

No. 31-072, Electronics Engineer, DP-855-1/2/3, Code 3159 - This osition is located in the Sensor Systems ntegration Branch, Targeting Division, Aircraft Weapons Integration Department. Incumbent will design, develop and test digital hardware and software related to airborne infrared sensors and the signal processing hardware and software imbedded in the sensor. To apply, send a current SF-171 to D. B. Billings, Code 3159, NWC ext.

No. 39-029. Interdisciplinary (Electronics Engineer/ Computer Scientist/Mathematician/Physicist). DP-855/1310/1520/1550-3, Code 3922 - This position is located in the background signatures, design of both sile Software Branch, Intercept Weapons

Department. The incumbent will serve as the task leader and lead software engineer developing software for the Multispectrum Guidance (MSG) seeker. The incun will be responsible for the overall design, ent, testing, and documentation of the MSG test software; and will be required o become familiar with the overall MSG seeker to ensure correctness of the software. The incumbent will direct and be supported by a small team and will be responsible for defining the required support from the team. Responsibilities will include defining requirements for specialized software tools. The incumbent will conduct structured walkthroughs and design reviews as an integral part of the understanding, design, and coding tasks. To apply, send a current SF-171 to Suzanne Barry, Code 392, NWC ext. 2922. Previous applicants need not re-

No. 39-036, Interdisciplinary (Electronics/Aerospace Engineer/ Physicist), DP-855/861/1310-3, Code 3933 - This position is located in the Medium Range Missile Fuze Branch, and associated with the design and development tasks for developing RF and Electro-Optical proximity fuzes for a variety of fleet missiles, both ship and air launched. Incumbent will perform as project leader for the Sparrow Product Improvement Program and NATO Anti-Air Weapon fuze development efforts. These efforts involve technically leading a team of approximately 3-5 engineers and technicians in the design and development tasks necessary to support these projects. Tasks routinely involve digital and analog circuitry design, lab and field testing and contract management activities. This position is critical to project needs, and for advancing the state of the art in proximity fuze engineering; therefore, a sound background in RF, digital, and analog circuit design is necessary. To apply, send a current SF-171 to Bill Vechione, Code 3933, NWC ext. 1211.

No. 39-037, Interdisciplinary (Electronics Engineer/Physicist). DP-855/1310-1/2/3, Code 3926 (Multiple Vacancies) - These positions are in the Optical Fuze Technology Branch. This branch is engaged in exploratory development of technology applicable to active and passive optical proximity fuzes New additions to our staff will be involved in such efforts as: concept formulation and breadboard design of new optical systems, fabrication and test of optical systems, collection and analysis of infrared target and hardware and software sin

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signatures, formulation of signal proce methods, algorithms, and the design and testing of signal processing electronics. Guidance-integrated fuze technology (GIFT) is being emphasized. Staff members are is being emphasized. Stall members are encouraged to prepare and defend own proposals for new projects that advance optical fuze technology. To apply, send a current SF-171 to Suzanne Barry, Code 392, NWC ext. 2922.

No. 62-041, Mechanical Engineer, DP-830-1/2, Code 6212 This position is located in the Environn Engineering and Evaluation Branch of the Ordnance Test and Evaluation Division. The incumbent will provide technical services to projects and programs in the areas of environmental testing, weapon system environmental profiles, test management, and compiling reports, test plaus and test procedures. The incumbent will work as a member of a team to plan, schedule, provide cost estimates, and monitor tests directed to weapon system RDT&E and Qualifications Programs. To apply send current SF-171 to Ron Shargots, Code 6212.

Job Search class offered through CCC

Ann Benvenuti will instruct a one unit course in "Job Search Skills" at Cerro Coso Community College this spring. A variety of topics relating to a job search will be covered, including networking, self-presentation, use of a resume, interviewing, job search stress and developing job search attitudes. The course will meet on Wednesdays from 1 to 1:50 p.m. in Room 328 at the college.

"Diagnostic and Prescriptive Learnings Skills" will be taught by Dottie Mott. This one-unit class is designed for the high-risk students who have the potential to benefit from courses, but lack specific skills to succeed in those classes. The course offers four areas of service - diagnostic testing and observation, prescriptive teaching, one-to-one tutoring and support in subjects where students are having problems. The course meets on Tuesdays and Thursdays in Room 312 at the college from 1:30 to 2:20 p.m.

Discussion and application of effective studying and listening techniques, including time management and note taking are the topics of a one-unit course entitled "Becoming a Master Student." Other topics covered include textbook reading and preparing for and taking examinations. Several classes on this subject will be offered with a variety of times, dates and teachers. Call the college for more information.

"Topics of College Adjustment" is a group approach dealing with problems faced by students attempting to succeed in college. A variety of classes will be offered. Call the college for more information.

Early registration appointments for the new semester can be made by calling the college at 375-5001, Nov. 28-30 or Dec. 1-7 from 9 a.m. to 5 D.M.

> NWC HOTLINE Integrity, efficiency program Call: NWC ext. 3636 (24 hrs.) or call the Inspector General at (800)522-3451 (toll free) 288-6743 (Autovon) (202)433-6743 (commercial)

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November 18, 1988

Northridge releases spring class schedule

date of the class.

(818) 885-2166.

Prerequisite: AM 340: Advanced Scope: Introduction to basic

Statics and Strength of Materials is recommended, but not required. theory of aircraft and missile structural analysis; torsion of multicell sections, elastic axis wing sections, warping of box beams, shear webs with web cut-outs; shear lag; origin of thermal stresses; external constraints; fundamental equations of uncoupled isotropic thermoelasticity and their applications in aircraft structures.

1982, second edition. ME 572: Advanced Topics in

of instructor.

ic flight regimes. Text: Mechanics and Thermodynamics of Propulsion. Hill and Peterson. Addison-Wesley, latest edition

IE 501: Engineering Statistics (3 units)

January 30 - May 24, Mondays 1610-1810; Wednesdays, 1610-1710; Training Center. By Mr. Ronald Merritt, NWC ext. 4652.

consent of instructor.

neering data.

versity Northridge.



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Rockereer 31

offered this spring for the Cal-State University Northridge (CSUN) Engineering Program (bachelor's and master's degrees). To enroll in these classes, submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting

AM 421: Aerostructures (3 units) February 2 - May 25, Thursdays; 1530-1830; Training Center. By Professor Ehrgott, CSUN,

Text: Aircraft Structures. David J. Peery and J. J. Azar. McGraw-Hill,

Aero-Propulsion (3 units) February 1 - May 24, Wednes-

By Dr. Gutmark, NWC ext. 1079. Prerequisite: ME 472: Thermal Power Systems and ME 490: Fluid Dynamics, or equivalent or consent

Scope: Elements of fluid mechanics and combustion applied to the design of components and to system analysis of various classes of rockets and air-breathing clusters. Liquid, solid and hybrid propellant rockets, ram jet, ram rocket and gas turbine. Emphasis on air-breathing applications in both subsonic and superson-

Prerequisite: An undergraduate course in probability and statistics or

Scope: Application of statistical estimation and hypothesis testing methods to selected problems in engineering, such as quality control, acceptance sampling, design of engineering experiments and determining statistical validity of engi-

Text: Introductory Engineering Statistics. Gutman and Wilks and Hunter. Wiley, third edition. Note: This is a core course in the

master's degree program in systems engineering through Cal-State Uni(1 unit)

January 30, Monday, 11:30-1230, will be the first class Because this is a laboratory course, subsequent class meeting times and locations will be ext. 3632.

Prerequisite: AM 316: Engineering Dynamics or equivalent.

tions of deformable solids to static and dynamic forces. The course will average one three-hour laboratory per week.

the BS EE program through Cal- (3 units) (Formerly 561A) State Northridge.

tion course for the systems engineering program through Cal-State University, Northridge is IE 227: Engineering Materials or equivalent. For those in the program who have not had such a course, the following Cerro Coso Community College course being taught in the - ENGR 23: Properties of Materials.

EE 560N: Modulation Theory (3 units) (Formerly EE 557A)

February 1 - May 24, Wednesdays; 1610-1910; Training Center. days; 1610-1910; Training Center. (Continued on Page 32)

Following are classes being AM 317: Mechanics Laboratory By Professor Petit, CSUN, (818) 885-2190.

Prerequisite: EE 466A: Introduction To Communication Systems meeting at the Training Center. and EE 505: Random Processes, or equivalent or consent of instructor.

Scope: Modulation systems are treated on a unified basis consistent arranged with the class by the with modern information theory. instructor, Dr. Frank Wu, NWC The discussion of information and statistical communication theory is limited to developing concepts and quantitative criteria with which the Scope: Experimental analysis of performance of these systems, when the responses of various configura- noise is present, can be measured and compared.

Text: Information Transmission, Modulation and Noise. Schwartz. McGraw-Hill, third edition.

Note: This is a required course in EE 571N: Microwave Engineering

January 31 - May 23, Tuesdays Systems engineering students, and Thursdays; 1130-1300; please note !!! A required founda- Training Center. By Dr. Wade Swinford, NWC ext. 2951.

Prerequisite: EE 471N: Fields and Waves II (formerly EE 461) is recommended, but not required.

Scope: The application of the concepts of modern network theory to waveguiding systems. Impedance transformation and matching, scatspring will satisfy the requirement tering matrix, propagation in nonisotropic media, passive microwave devices, electromagnetic resonators, measurements in microwave systems

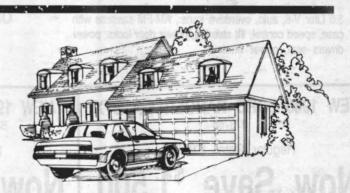
Text: TBA.

Pictured left to right: Evelyn Schmeisser, (FBLA Secretary) and Santa.

The Future Business Leaders of America will be holding a Christmas Craft Festival on Friday, Saturday, and Sunday, November 18, 19, and 20. This first-time event will be held in the Multi-Use Room at Burroughs High School. Times are from 1 p.m. - 8 p.m. on Friday, 10 a.m. -8 p.m. on Saturday, and from 10 a.m. - 5 p.m. on Sunday. Entrants from Trona, Oildale, and Bakersfield, as well as Ridgecrest, will be participating and crafts vary from tole painting, leatherwork, and photography to pillows, Christmas ornaments, and dolls. Food will be sold by the Home Ec. Club and a gift wrap booth will be featured by F.B.L.A. The French Club will be selling potpourri and the BHS Orchestra will be selling popcorn balls to help raise money to travel to Europe next summer. A doublesized, handmade, Friends' Knot quilt has been donated by Irene Schmeisser and will be given away as a door prize with tickets being sold at a dollar a piece. Don't miss this chance to write a letter to Santa or have your picture taken with him. The public is invited and admission is free.

Give The Gift G Healt	A Purified Water System by Shayna of Ridgecrest 371-1877
"SHA	YNA"
Name	
Address	and the line of the
Phone No	
	and Free Installation 0.00 Value)
	ake Blvd., No. 147

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Broker



Daryl Silberberg

Ellen LaFortune



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-10



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IEEE hosts video sessions CSUB has three classes This winter, the following classes and equipment utilization.

ram will run from 9 a.m. to 12 noon. will be examined.

The videoconference, sponsored

Cal-State Chico (CSUC) undergradu-

Cal-State Bakersfield (CSUB) and CSUB and CSUC.

ates should mark their calendars for ate students must have completed at

videoconference "Supercomputers" the "ins and outs" of using supercom- should submit NWC Form 12410/73 will be held at the Flight Deck at Her- puters by examining relevant aspects to Code 224 by Nov. 21. No fees are itage Inn in Ridgecrest. Registration of architecture, performance, vectori- required for NWC employees. For will be held at 8:30 a.m. and the prog- zation, etc. The latest applications people not employed by NWC, the

by the China Lake Section of IEEE, practical, rather than the theoretical, made out to IEEE and sent to Edward will define what a supercomputer is in aspects of supercomputing and is Brann, 637 W. Wildrose, Ridgecrest, technical and practical terms. intended for technical managers, CA. Viewers will learn who builds them, analysts, programmers and others in where they are, and how they can be business, industry, government, the Brann at 375-9428 or Dave Koelsch. accessed. The technical manager and military and academic institutions. NWC ext. 1974/1961.

CSUB slates writing exam

On Wednesday, Dec. 7, the IEEE practicing engineer will be exposed to Pre-registration: NWC employees fee is \$3 for IEEE members and \$5 for This program will emphasize the non-members. Checks should be

For more information, call Ed

must pass the writing exam prior to

The examination fee is \$12.

State Bakersfield

are being offered for the Cal-State Bakersfield Bachelor's Degree in Business and Master's Degree in Administration programs. To enroll in these classes, submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.

ADM 620: Financial Decision Making In Organizations (5 quarter units

Jan. 10-Mar. 8, Tuesdays; 1610-2110; Training Center. By Professor Evans, CSB.

Scope: Public sector project appraisal, cost benefit analysis, estimating and forecasting revenues and costs, project planning and auditing, productivity measurement, debt administration, idle funds management and decision making under uncertainty

Note: This is a core course for the Master's Degree in Administration

MGT 302: Introduction to Opera-Management (5 quarter units)

Jan. 12-Mar. 10, Thursdays; 1610-1910; Training Center. By Professor Vigen, CSB

Prerequisite: MGT 301: Quantitative Methods and Information Systems or consent of instructor.

Scope: An introduction to processes for planning, operations and control of manufacturing and service

Note: This is a core course for the Bachelor's Degree in Business Administration Program. POL SCI 577: The American

Defense Policy (5 quarter units) Jan. 9-Mar. 20, Mondays; 1610-2110: Training Center, By Professor Lopez, CSB.

Scope: The objectives of this course are to equip students with essential critical and analytical skills; and to identify and interpret theoretical and pragmatic factors relevant to the formulation and execution of U.S. national defense policy. The course looks at the evolution of U.S. nuclear doctrine since the close of World War II, and focuses on the ramifications of nuclear weapons for U.S. defense and foreign policy-making. We will analyze the role of various actors (executive, legislative, public opinion, military, etc.) in the defense policy-making process. Finally, the course focuses on the international environment from a regional perspective with special attention given to the U.S. relationship with the Soviet Union, and the desireability and likelihood of an arms control agreement in the forseeable future. 1. Textbooks are available at

bookstores locally. 2. Job-related courses, other than those listed above or those offered under contract with Cal-State Chico or Cal-State Northridge, must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to

For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

Writing Competency Examination prior to taking the exam. Undergraduate students planning Students interested in taking the will be given. By passing this examination, students may satisfy the writ- to take the Cal-State Chico course exam should contact Helen or ing competency requirements for CSCI 172, Systems Architecture, Michelle at NWC ext. 2648.

Jan. 10, when the Upper Division least 90 quarter units of college work Checks must be made payable to Cal-

Cal-State Bakersfield undergradu- the beginning of the course.

English proficiency testing

students of Cal-State Northridge (CSUN). CSUN students should take the exam as soon as application for Graduate students must attain

master's candidate.

admission has been approved. Under- unconditional status before earning

On Thursday, Feb. 2, the English graduate students must pass the exam more than 12 units of academic work Writing Proficiency Test will be before graduation. This test must be acceptable towards the master's given to undergraduate and graduate passed before the student is degree. The exam fee is \$12. Checks granted unconditional status as a must be made payable to California State University Northridge.

To arrange to take this exam. please contact Helen or Michelle at NWC ext 2648

Budget assistance



Hriber advises **CSUN** students

Professor Hriber of Cal-State University Northridge (CSUN) will be on-Center Nov. 28 to advise current and prospective students in the master's and bachelor's degree programs in electrical engineering offered by

CSUN has external degree programs in electrical engineering, applied mechanics and mechanical engineering at NWC which lead to a master's degree. CSUN also has an external degree program in electrical engineering which leads to a bache-

Those who wish to see Professor Hriber are asked to make an appointment by telephoning Helen Benes at





for one year.

With the exception of the Naval Science Advisor position, final selection will be made by the Center and the employees will be reassigned to the long-term assignment for one year only. For NSAP assignments only, White Oak will make the final selections from employees nominated by NWC. The NSAP positions are normally for two years. Any DP-3 selected will be temporarily promoted to a DP-4 for the duration of the assignment Only DP-3s and DP-4s, with a minimum of three to five years at the Center, should apply for the positions listed.

or 1520



November 18, 1988

NSTEP, NSAP positions

In 1989, the Center will participate in the following off-Center assignments. The starting dates for these assignments will vary from July to September 1989. The assignments are being advertised now so that selections can be made during 1988 to allow more time to plan for the employee's absence from the Center

NSTEP POSITIONS: Interdisciplinary, Series 801, 830, 855, 861, 1310

1. Staff Assistant, OUSD (Tactical Warfare Programs) DP-3 or 4

A rotational assignment in the Office of the Deputy Under Secretary of Defense (Tactical Warfare Programs). Trainee will be assigned a variety of duties as a staff assistant to broaden his planning and management of resources launched" excludes ASW weapons,

of DOD. Trainee will be responsible for studies and evaluation related to tactical Trainee will assist the Weapons warfare programs of high national importance and will participate in the and programmatic assessment of onmanagement of a portion of the planning, programming and budgeting system. Normal day-to-day work will include planning, evaluation and analysis in one or more of the tactical warfare R&D mission system areas such as close of weapons for these missions would be air support, battlefield interdiction, deep strike, naval strike, defense suppression and air superiority. Special responsibilities include preparation and review of defense studies, mission, system area analysis; decision coordinating papers, system acquisition reports, various documents in the DOD, PPBS and statements and testimony of the Congress; maintain liaison with officials in various components of DOD, Federal Contract Research centers and various

contractors. For more information on this assignment, contact Mr. Lewis Ballenger (Code 64) who was a previous incum-

bent in this position 2. Staff Assistant, Aviation Plans & Requirements Division (OP-502), DP-3 or 4

Trainee will be provided with on-thejob training in OPNAV functions, roles and procedures in the development and procurement of air-launched weapons. Trainee will be assigned and be responor her perspective on the issues involved sible for a variety of duties supporting in research and development of tactical the program coordinators for airmission areas, related programs, and the launched weapons programs. ("Air-

which fall in a different organization.) Requirements Branch head in technical going and proposed projects under OP-502 sponsorship, primarily in the areas of stand-off, air-to-surface, munitions for strike and interdiction missions. Experience in assessment or acquisition valuable, but not mandatory. Essential for applicant to possess a good working knowledge of air-launched weapons. For information on this assignment.

contact Mr. Tex Hoppus (Code 3523) who was a previous incumbent in this

3. R&D Center Representative to SPAWAR-31F

This is a one-year assignment with the Space and Naval Warfare Systems Command (SPAWAR 31F) in the Coordinated Warfare Group. The Coordinated Warfare Group is a small organization combining headquarters and R&D Center personnel which coordinates the technical efforts of R&D centers and laboratories. The trainee will assist SPA-WAR in modeling and evaluating the multi-warfare performance of Naval battle forces. Job Relevant Criteria: Knowledge of weapons systems, strike and anti-surface warfare. Ability to understand and analyze force-level issues involving the operations of Navy and Marine Corps battle forces. Ability to work independently across the borders of R&D centers, laboratories and nan for specific concepts). Qualifications: In order to function effectively with the spectrum of officers and civilians, applicants should be DP-4 (GS-14/15). Experience commensurate with the DP-4 grade is appropriate. Line managerial expertise is not necessarily required. The individual must be a selfstarter (he/she will not be given specific assignments) be able to recognize when where and to what extent his/her participation can contribute and be time and idea flexible. A TOP SECRET clearance is mandatory and SCI clearance is highly recommended in order to maintain fluid nunications and interactions.

For information on this assignment, contact Mr. Larry Prince (Code 623). who was a previous incumbent in this

2. Technical Advisor to NISC-00J, DP-3 or 4

This is a one-year assignment with OPNAV-095 to provide technical support (analysis, coordination, recomm dations) on a variety of issues related to U.S. and threat weapon systems. Job Relevant Criteria: Knowledge of weapon systems, technologies and applica-tions. Overall familiarity with technical issues involved in weapons research, development and acquisition process. Ability to respond clearly, concisely and promptly to system level impacts of technical, intelligence and management issues. Ability to work independently, across organizational boundaries on a variety of technical issues. Ability to function as a coordinator; assignment requires numerous technical discussion

and briefings with audiences from a wide variety of background. SCI clearances required based on current SBI investigation.

For information on this assignment contact Dr. Dave Seibel (Code 35303) who was a previous incumbent in this position.

3. Naval Air Systems Command PMA-201, DP-3 or 4

APC-201 has the program manage ment responsibility for several NWC efforts, including the FMU-139/B, the FMU-140/B, the DSU-30/B, Advanced Interdiction Weapons System (AIWS), Advanced Bomb Family, MK-80 Series PRXN-109 IHE, BSU 85/B, Inertially Aided Munition (IAM), Laser Guideo Training Round (LGTR), CBU-88/B Smokeye and AGM-123/B Skipper.

The Center has project management responsibilities for the development, production engineering support and pro duct improvement responsibilities for the general purpose bomb efforts assigned to the Center. In establishing formal program support to the Conventional Air Launched Ordnance and nunition Air Program Coordinator (NAVAIRSYSCOM APC-201), the Center established a Bomb Systems Program Office to coordinate all general purpose bomb efforts. The technical advisor assigned to this office from the Center will assist in the preparation of budgets, assists in the monitoring of program schedules, progress and expen-

(Continued on Page 28)



- DPM/Pulse Generators
- LCR/Turns Ratio

NWC OFFICERS CLUB 08:00 - 15:30

WAYNE-KERR INC.

NOVEMBER 30, 1988

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personnel development opportunity

M.S. Word on the Macintosh (16 Scope: A survey introduction to the hours)

December 12-13, Monday and Tuesday; 0800-1600; Training Center. By Donnie Goettig.

Macintosh computer - know how to files. create folders, initialize disks, copy

Macintosh computers who desire to learn the fundamentals of the Micro- workshop. Soft WORD Program.

Objectives: In this course, you should learn to use the MicroSoft WORD program to create documents, move text between files using the clipboard and glossary, add, change, delete text, format using font and format, use the spell checking facility, paginate, print and save documents

Note: Participants certify on the enrollment form that you meet the prerequisite for this class.

Deadline: November 28.

Intro to IBM Personal Computing (20 hours)

January 9-13; 0800-1130; Training Center. By D. Vaughn, Code 224.

Prerequisite: None.

Intended Audience: Beginning users of IBM-PC compatible computers.

use and operation of an IBM personal computer including:

•Using the MS-DOS operating system to format disks, copy files, and Prerequisite: Experience using the install and maintain software and data

•Using the IBM-PC to operate a disks and files, use the clipboard. word-processing program, a database Intended Audience: Users of program, and a spreadsheet program.

Presentation Method: Hands-on Deadline: December 23.

VAX/VMS For Beginners (20

hours) December 19-23, Monday through Friday; 0800-1130; Training Center. By D. Vaughn, Code 224

Prerequisite: Some familiarity with computer terminals.

logoff, use of command line construction, file specifications, phone and mail utilities, wild cards, digital mands, directory hierarchies, file protection, symbols and logicals and the VAX editor (EDT).

VAX users who are nonprogramgiven to users on installed VAX rams offered by that school. systems.

Deadline: December 2.

TSP open season NSTEP, NSAP

lowing pay period.

Another Thrift Savings Plan (TSP) ments received on or after Jan. 1 will open season began Nov. 15. The open be effective the beginning of the folseason will close Jan. 31.

New TSP booklets have been distributed to all employees. If anyone has not received a copy of this booklet, contact your division office.

During the open season, NWC employees have the opportunity to change their current enrollment, or make an initial participation election. Election forms processed by Dec. 30 will be effective the first pay period in PMA or Virginia Spille at NWC ext. January which starts Jan. 1. Enroll- 2592.

Anyone wishing to change his or her current enrollment, or begin parti-

cipation in the Thrift Savings Plan, should contact the appropriate PMA to schedule a time to come into Personnel and complete the election form.

For more information, call your

Madrigal visits NWC

Dr. Orlando Madrigal of Cal-State ter science which lead to bachelor's University Chico will be on-Center and master's degrees. Dec. 2 to advise current and prospective students in the external degree

Scope: Topics include logon/ programs offered by the school. Cal-State University Chico has external degree programs in compu- 2648.

Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Helen at NWC ext.

command language (DCL) com- CSUB advisors schedule visit

Note: This class is for beginning Bakersfield will be on-Center Nov. degree in administration. Bakersfield 28 to advise current and prospective also provides math courses in other mers. Enrollment preference will be students in the external degree prog- external degree programs at NWC.

Presentation Method: Workshop. at NWC by Cal-State Bakersfield make an appointment by telephoning include a bachelor's degree in busi- Helen Benes at NWC ext. 2648.

Those who wish to see one of the

Kaiser HMO extends its area of health coverage

has extended its area of health cover-County.

Inc. - Southern California Region, participate in this Health Mainte- 93261, 93263, 93268, 93276, 93280, can check with the Employee Relanance Organization plan. The Zip 93285, 93287, 93301-09, 93311-13, tions Assistance Program Office, age to include many parts of Kern Codes now included in Kaiser cover- 93380, 93385-89, 93518, 93531 and age are 93203, 93205, 93206, 93215, 93561. People living in areas with the fol- 93217, 93220, 93224, 93226, 93238, People working at the Naval Wea- information.

External degree programs offered academic counselors are asked to

Kaiser Foundation Health Plan, lowing Zip Codes are now eligible to 93240, 93241, 93250, 93251, 93252, pons Center but living in these areas NWC ext. 2592, for more



posts available for next year

(Continued from Page 27) ditures, assist NAVAIR (APC-201) at the SYSCOM level, serve as liaison between NAVAIR and NAVWPNCEN and assist NAVAIR (APC-201) as needed.

For information on this assignment contact Mr. Christopher Toftner (Code 32731) who was a previous incumbent in this position

NAVAL SCIENCE ADVISORS. Interdisciplinary, Series 801, 830, 855, 861, 1310, 1520, DP-3 or 4

The Navy Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's RDT&E Lab/Centers and its operational forces, and the responsiveness of the Lab/Center community in achieving timely solutions to specific technical problems significantly impactng operational readiness.

NSAP directs and manages a small inter-organizational team of individuals dispersed principally among the Navy's RDT&E Lab/Centers, a field team of senior center personnel attached for one or two year periods to major Navy and Marine Corps operational commands. Of the commands that are eligible for NSAP assistance, there are two 1989 openings that are of interest to NWC. 1. Advisor to Commander, Sixth Fleet: Duty Station: Naples, Italy

For information on this assignm contact Mr. John Webb (Code 303) who was a previous incumbent in this

2. Advisor to Commander, Seventh Fleet: Duty Station: Yokosuka, Japan For information on this assignm contact Mr. Mel Foremaster at AUTO-VON 234-7539/7628 who is the incum bent in this position until July 1989. There may be additional NSAP opportunities available for 1989. If so, they would be similar to these.

Science advisors are selected to serve host command senior management in the capacity of senior technical advisors on R&D matters. In this position, they represent all Navy Lab/Centers and report to DNL via the NSAP director. (Day-today tasking is provided by the com mand.) Science advisors are selected for the assignments because of the breadth of their technical and management capabilities, overall knowledge of the RDT&E process and their mature judgment. They are responsible for assisting the host command in defining and describing technical problems and advising on who and where problems might be solved, thereby coupling needs of the command to the technical community. Science Advisors are expected to serve two years; however, an assessment for need and continuance is made towards the end of the first year. If it is mutually advantageous and agreeable to the individual, the host command, the parent laboratory and NSAP, the second vear is confirmed.

All interested applicants should file a Standard Form 171 with Nedra Duysen (Code 22) after going through proper departmental channels. Deadline for applying is Nov. 28. Technical questions about the assignments should be directed to the individual whose name appears at the end of each position.

Leave Transfer

and annual leave

and annual leave.

Stanford S. Foster, Industrial Equipment Mechanic, Code 26 is presently in remission from his back surgery. He is working in a light duty status as he recuperates. Glen L. Linden, Facilities Management Specialist, Code 2634 is presently still off work and his return date is still unknown. He was hospitalized in June and has exhausted all sick and annual leave. The loss of income is a severe hardship for his spouse and family since he is the primary source of income. Thomas A. Boyd, Visual Information Specialist, Code 3414 - is still under the care of a physician and his condition is still unstable at this time; however, he has been working three to four hours a day, as he can. Both sick and annual leave have been exhausted. Boyd is hoping his condition will improve soon so he will be able to return to full-time work.

Academic counselors of Cal-State ness administration and a master's

November 18, 1988 avold

CSUC offers spring schedule

eligible

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN 12630 provides specific information regarding how to donate annual leave.

Melvin R. Mather, Engineering Technician, Code 3921 - is currently undergoing treatment for lung infection and other ailments. His treatment has required additional hospitalization followed by an at home recuperation. He has exhausted all sick and annual leave. William J. Soulek, Machined Parts Inspector, Code 3643 - was diagnosed as having an arteriosclerotic heart disease which he was hosnitalized for This disease has caused a financial hardship on him and his family. Soulek has exhuasted all sick

Eleanor L. Semore, Senior Purchasing Agent, Code 25222 - has been diagnosed as having a cardiovascular disease. She was hospitalized for surgery and was off work from Nov. 18 until July 25. The loss of income is a severe hardship for her and her family. She has exhausted all sick and annual leave. Kathy Culberson, Computer Systems Analyst, Code 3623 - has been diagnosed as having sarcoidosis which keeps her immune system weak. She is currently under doctor's orders not to return to work. Culberson is a single parent and sole supporter of her family. She has exhausted all sick and annual leave. George Stillwell, Physicist, Code 3917 - has been diagnosed as having common variable hypogammaglobulinemia. Because of this illness, Stillwell has exhausted his sick

Eight now Following are classes being offered this Spring for the Cal-State Chico Computer Science Program (bachelor's and master's degrees). To enroll in these classes, submit a Training Request and Authorization Form (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.

CSCI 222: Expert Systems (3 units) Dec. 10-11, Jan. 7-8, Jan. 28-29, Saturdays and Sundays; 0800-1600; Training Center. By Professor Huntsinger, CSUC.

requisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: This course covers the basic concepts and techniques of current expert systems technology. The course

emphasis is on expert systems shells and their use for specific applications. The use of the language Prolog (Programming and Logic) for expert systems applications will be included.

CSCI 250: Compiler Theory (3 units) Jan. 21-22, Mar. 4-5, Apr. 1-2, Saturdays and Sundays; 0800-1600; Training Center. By Professor Madrigal.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: Language definition and descriptors, syntax structures, parsing, extraction of elements, symbol table construction, memory allocation, control statements, I/O lists, code generation, error detection, diagnostic

CSCI 251: Advanced Software Practices (3 units)

Apr. 15-16, May 13-14, June 17-18, Saturdays and Sundays; 0800-1600; Training Center. By Professor Luker. CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: A study of how an advanced programming language and software environment (Ada) should be used, from the viewpoints of portability, style and software engineering practice.

CSCI 152: Operating Systems Programming (3 units)

Feb. 3-4, Feb. 24-25, Mar. 31-Apr. 1, May 5-6, Fridays, 1400-1800; and Saturdays, 0800-1600; Training Cen-ter. By Professor Luk, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: Operating system concepts and techniques. Course includes study of linkage-editors, loaders, channel operations and interrupt handlers.

Note: There will be a two-hour laboratory each week. The time and day of the week the laboratory will be held will be arranged between the class and the teaching assistant for the course. This is a core course for the BSCS degree program and a foundation course for MSCS degree program through CSUC. CSCI 356: Design and Analysis of Algorithms (3 units)

Jan. 24-May 18, Tuesdays and Thursdays; 1230-1345; Training Center, By Professor Wooldridge, CSUC, via satellite.

Prerequisite: CSCI 151: Algorithm and Data Structures or equivalent, and Discrete Mathematical Structures or equivalent, or consent of instructor.

Scope: In-depth study of the design of efficient algorithms and associated data structures. Focuses on space/time per formance analysis of algorithms. Topics include algorithm analysis techniques searching and sorting, graph algorithm numerical algorithms, combinatorial algorithms, NP competeness.

CSCI 397C-2: Computer Performance Analysis (3 units)

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Jan. 24-May 18, Tuesdays and Thursdays; 1100-1215; Training Center. By Professor Vayda, CSUC, via satellite

Prerequisite: CSCI 152: Operating Systems Programming, CSCI 172: Systems Architecture, and Statistics and Analytic Geometry and Calculus I, or equivalents, or consent of instructor.

Scope: A study of the methods for the measurement and modeling of computer systems, with the goal of identifying the parameters that determine system performance. Systems considered will range from simple uniprocessor batch systems to multiprogrammed multi-processor distributed systems. The approach is pragmatic and is targeted at practitioner. Case studies drawn from real situations will be used to illustrate methodologies for improved program/system performance. The knowledge acquired can be applied to system procurement, design, modification and tuning.

Math 477: Differential Equations (5 quarter units)

Jan. 6-Mar. 10, Fridays; 1610-2110; Training Center. By Professor El-Ansary, CSB, (805) 664-2130. Prerequisite: Calculus III or consent

of the instructor. Scope: First-order differential equa

tions; linear differential equations; linear systems; Laplace tranform and its application to solutions of linear differential equations and systems: series solutions of second-order linear equations and/or numerial solutions of differential equations; topics in nonlinear differential equations and systems; applications.

Note: This is a required course for the math/science option of the BSCS degree program through CSUC.

For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

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