March 4, 1988

NARFE members hear about estate planning

Indian Wells Valley Chapter No. 748, 9. National Association of Retired Fed- He will talk about how California ried out after their deaths.

and wills at the next meeting of the Center at 3 p.m. Wednesday, March do to protect their own interests and is from Western State University in Ten years ago he began setting

Kenneth Pritchard, a Ridgecrest ing, open to all interested persons, personal affects following a death in attorney, will discuss estate planning will be held at the Ridgecrest Senior the family, and what individuals can NWC Patent Office. His legal degree the University of Massachusetts.

eral Employees (NARFE). The meet- law effects inherited property and Pritchard moved to the local area

ensure that their wishes will be car- San Diego; he also holds a bachelor's aside time after work to help those

degree in physics from Clarkson Uni- seeking legal assistance; he then verstiy, Postsdam, New York, and a opened an office in Ridgecrest

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a Picture

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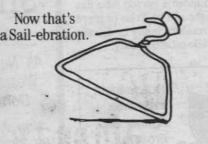
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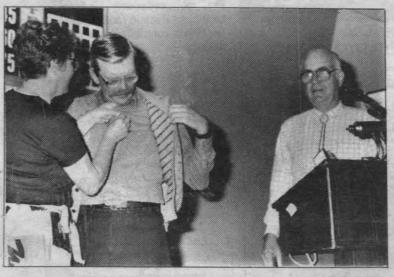
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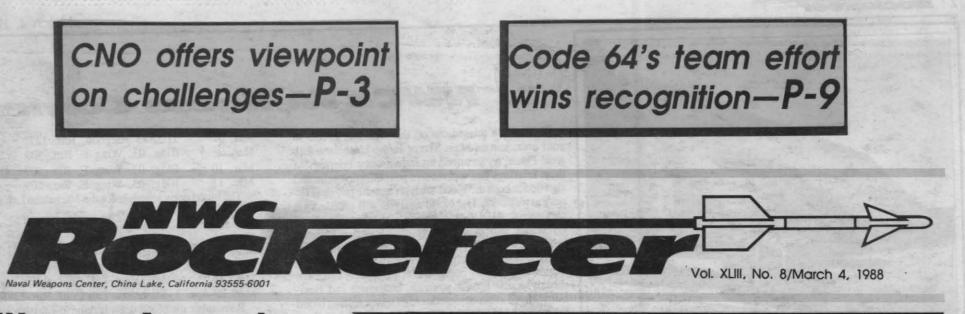
tive accountability for having created receiver system. something of proven benefit to the

Navy.

ceremonies and described each inven- just one target. Such missiles may face tion. He noted the Wilson Award, first a large number of enemy signal sourpresented in 1985, was the Navy and ces but to be effective must continu

These awards, made in conjunction with National Inventions Month, aperture or antenna or decreasing the marked the third time NWC had given seeker beam width. this special recognition. In the previ- Leading Edge Descriminator Cir ous two ceremonies, 11 patents and 22 inventors were honored. High Speed Video Track Loop

that relate to the Shrike missile sys- (Continued on Page 9)



Wilson Awards: Eight inventions with 18 inventors are recognized

afternoon.

Eight inventions developed by 18 tem. The importance of this patent is current and former Naval Weapons its simplicity, which directly Center scientists were recognized for decreases cost, enhances Shrike protheir contributions to the Navy with ducibility and doubles effectiveness. H.G. Wilson Awards last Friday The novelty of this system resides in the direct couple gated comparator, Capt. John Burt, NWC Comman- limiting amplifier and gated highder, told a packed room of Center speed zero-offset integrator; their employees that these cash awards, of configuration in the tracking loop; and \$5,000 each, were a form of retroac- implementation of the loop in a radar

Angle Gating

Invented by Frederick C. Alpers. Carl Schaniel, head, Fuze and angle gating is tasked to reduce the Senors Department, acted as master of anti-radar missile seeker's attention to the Center paying people for inven-tions, patents that had "already paid target. Angle gating circuits accomplish this discrimination without an increase in the size of the receiving

Alpers also developed this refined guidance system with discriminates Invented by Richard S. Hughes, the against the efforts of echo signals High Speed Video Track Loop is one received from a reflecting object in of four patents recognized this year the vicinity of the target radar. This



inside a hot, stuffy building playing installed at the Naval Weapons Center's basketball, this group stuck to the fresh new Youth Center. Photo by Steve Boster

FUN TIME—While other youngsters are air as they used playground equipment

MERITORIOUS SERVICE—Jim Bowen is all smiles as his wife, Audrey, pins on the medal for the Navy Meritorious Civilian Service Award. Bowen received the award from Carl Schaniel, representing Capt. John Burt, NWC Commander. Photo by PHAN Cary Brady

Top award goes to Bowen

co-workers, family and friends, James A. Bowen concluded a 30-year Naval Weapons Center career on Monday. Highlighting the final chapter in his lengthy career was the presentation of the Navy Meritorious Civilian Service Award. Carl Schaniel, head of the Fuze and Sensors Department, made the presentation on behalf of Capt. John Burt, NWC Commander.

During the retirement celebration at the NWC Enlisted Mess, more than 15 persons made special presentations to honor Bowen as he completed his federal service.

The Navy Meritorious Civilian Service Award is the highest the NWC Commander can authorize for any civilian employee and is given

standing contributions to the Center.

Capt. Burt said in the letter to accompany the award, "Your leadership and imaginative approach to unusual problems. . .has demonstrated dedication and professionalism in the finest tradition of the Naval Weapons Center. The results of your efforts have made, and will continue to make, unique improvements in the Navy's warfighting capability.

In his letter nominating Bowen for this special award, Phil Arnold, head, Weapons Planning Group, said. "Jim has been program manager for two Full Scale Engineering Development programs that have been introduced into the fleet. These were the CBU-55 and CBU-72. A

In front of a room full of admirers, in recognition of a history of out- third, FAE-II, had reached about 95 percent of completion when a funding decision caused the program to be cancelled."

> Arnold added, "Jim's persistence, determination and management skills were key elements in arriving at successful solutions to the many new and unique problems that were encountered.

> The nominating letter concluded by saying, "He has shown a continuing dedication to overcoming all obstacles, either technical or organization, that he encountered in the process of providing the fleet with the best weapons available "

> When all the presentations were completed, Bowen thanked the many people who took part saying, "I'm thrilled beyond imagination!

Röcketeer

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ing state.

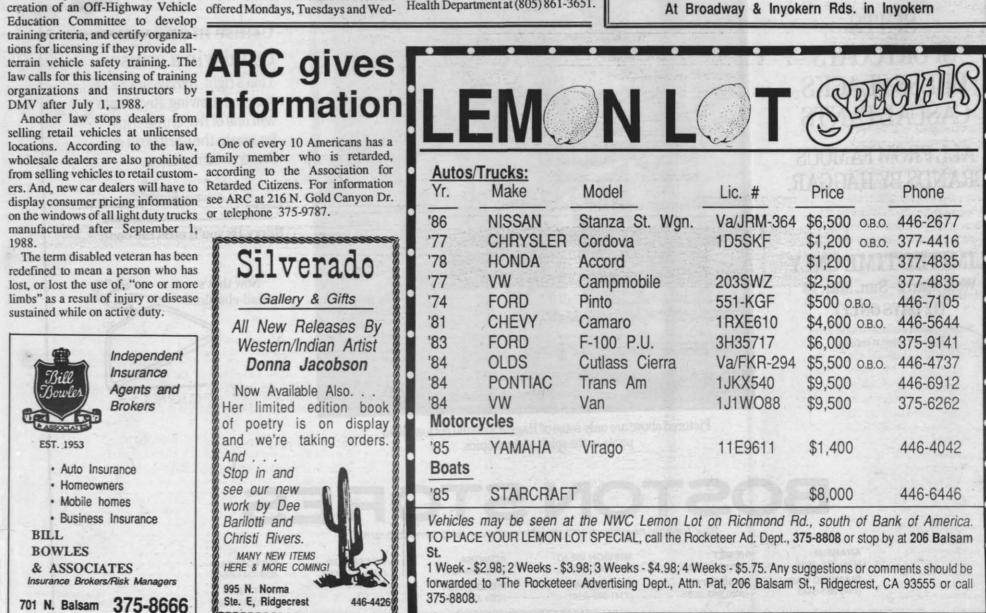
9:30 a.m.

March 4, 1988

Changes to the Motor Vehicle Code affecting California motorists and the automotive industry in 1988, range from a law concerning illegal subleasing of vehicles, to one giving personalized license plate owners a chance to buy a third plate for display purposes. It can now be a crime to sublease or assist in the subleasing of a motor vehicle. According to DMV, unlawful subleasing is the transfer or assignment of a motor vehicle by a third party without consent of the lessor or lienholder. It is punishable by a fine of not more than \$10,000, jail for no more than one year, or both.

vehicle that has been sold.

1988.



Bill Bowles
ASSOCIAT
EST. 1953
• Auto

Divine Services	
Protestant	
Sunday Worship Service 10:30 a. Sunday School (September thru June) 9:00 a. 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	
Islamic	
Jumaa Prayer (Friday in Annex 4) 12:00 p.	.m.
Roman Catholic	-
Sunday Mass 9:00 a. Communion Service (Monday) 11:35 a.	
Daily Mass (Tuesday thru Friday) 11:35 a.	.m.
Confession (Friday) 4:30-5:00 p. Confession (Sunday) 8:15-8:45 a.	
Confession (Sunday)8:15-8:45 a.Religious Education Classes (Sunday)10:30 a.(September thru May)10:30 a.	
Jewish	
Weekly Services (Friday - East Wing)7:30 p.Adult Hebrew Lessons (Saturday in Annex 4)9:00-10:00 a.Sabbath School (Annex 4)1:00-4:00 p.	.m.
Chaplain A. J. Smith, CDR, 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	
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NWC Commander — CAPT. JOHN BURT Technical Director — GERALD SCHIEFER Public Affairs Officer — DENNY KLINE Staff Photographer — PHAN CARY K. BRADY	

publication for members of the multary services the Department of Defense, or NAV WHYCELEX-THEORY views of, or endorsed by the U.S. Government, the Department of Defense, or NAV WHYCELEX-THEORY ance of advertising in this publication, including inserts and supplements, does not constitute endosement by the Department of Defense or of the products or services advertised. Everything advertised in this publi-cation shall be made available for purchase, use, or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation, or any other non-merit factor of the purchaser, user, or patron. A confirmed violation or rejection of this policy of equal opportunities by an the purchaser, user, be the refusal to print advertising from that source. Editorial content is edited, prepared, and provided by the Public Affairs Office of NAVWPNCEN.

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Mar. 8

Mar. 9

Mar. 10

Mar. 11

If you have missed out on the Wellness events in ur area, join us Main Site or in the Michelson Lab a. Please try to attend an introductory briefing. At ese briefings you will receive your questionnaire and n up for both the blood analysis and the physical fits assessment. The blood analysis will profile total lesterol, HDLs (high density lipoproteins), tricerides and glucose. The questionnaire assesses art health, health practices, fitness, nutrition, stress, ety and wellness attitude. The physical fitness evation covers body composition, pulmonary function, diovascular fitness, strength, endurance and flexiity. If you are considered at high risk: a resting blood ssure of 145/95, on medication for your heart, have istory of heart problems, or high total cholesterol will perform this service for you not on site but at Branch Medical Clinic.

Following is the introductory briefing schedule.

ar.	4	1 p.m.	Michelson Lab 1000D
		2 p.m.	Michelson Lab 1000D
		3 p.m.	Michelson Lab 1000D
		4 p.m.	Michelson Lab 1000D
ar.	7	8 a.m.	Engineering Bldg. 2001 A
		9 a.m.	Engineering Bldg. 2001 A
		10 a.m.	Engineering Bldg. 2001 A
κ.		1 p.m.	Michelson Lab 1000D
		2 p.m.	Michelson Lab 1000D
		3 p.m.	Michelson Lab 1000D
		4 p.m.	Michelson Lab 1000D
ar.	8	1 p.m.	Michelson Lab 1000D
		2 p.m.	Michelson Lab 1000D
		3 p.m.	Michelson Lab 1000D
ar.	9	1 p.m.	Michelson Lab 1000D
		2 p.m.	Michelson Lab 1000D
		3 p.m.	Michelson Lab 1000D
The	ble	ood drav	w schedule for Main Site is:
ar	1	Cu	naly Dida Michalson Dm Ca

Supply Bldg., Michelson Rm., Second Floor ar. 4

FLO'S BOUTIQUE & HAIR FASHION Monday & Tuesday Perms Starting at \$28 & up Military Haircut - \$5.00 Style Haircut - \$10.00 Shampoo & Set - \$8.00-\$10.00 Blow Dry - \$10.00 Open Monday - Saturday, 10-6 123 B Grande Way (south of bus station) 375-3820 THE PICTURE PLACE 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. COLOR **ENLARGEMENT** SPECIAL No Limit 11x14..... Only \$8.95

16x20..... Only \$12.95

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For Color Negatives Only.

is:	
Mar. 15	Engineering Bldg. 2001 A
Mar. 16	Engineering Bldg. 2001 A
Mar. 17	Engineering Bldg. 2001 A
Mar. 18	Lauritsen Lab Conf. Rm.
Mar. 22-25	Michelson Lab Conf. Rm.
Mar. 29-Apr. 1	Michelson Lab Conf. Rm.
Remember th	e blood draw is done in a fasti
The times for the	e blood draw are usually 7 to 9
Attend the intr	oductory briefs and sign up

Physical fitness assessments will be held at PW on March 1 and 2, and at Thompson Lab on March 3. Main Site assessments are March 10, 11, 14 and 15. Those beyond the CLPL gate will have their assessments on March 16. The Michelson Lab area assessments will begin March 28.

TID, 73 Harpoon, Rm. 127

Bldg. 03, Wing E, Rm. 509

Bldg. 03, Wing E, Rm. 509

Bldg. 03, Wing E, Rm. 509

The blood draw schedule for the Michelson Lab area

Remember that everything is done on a scheduled

Although many of you are still waiting for your briefings and to start the check-up, over 1,000 have already had their blood drawn for analysis, and another 500 have taken their fitness test to determine their general body condition.

Since we don't have enough of the questionnaire booklets so that everyone can keep one of them, please send your booklet back to me, Betty Miller, Code 02A3, by guard mail as soon as you have filled out the answer sheet. And please remember to bring your answer sheet with you when you are scheduled for the fitness testing.

By Betty Miller - Wellness Coordinator

Toothpicks not safe

Young children should not be allowed to play with toothpicks. Thousands of toothpick-related injuries are reported yearly. Children aged five to 14 had the highest rate of injury; however, children under five had a 20-times-higher rate of more serious injuries to the eyes or ears, or complications after swallowing a toothpick. But let's not forget adults. They, too, are prone to toothpick injuries, most commonly by ingesting toothpicks stuck in food at parties. A few drinks contribute to the potential dangers.

Info offered

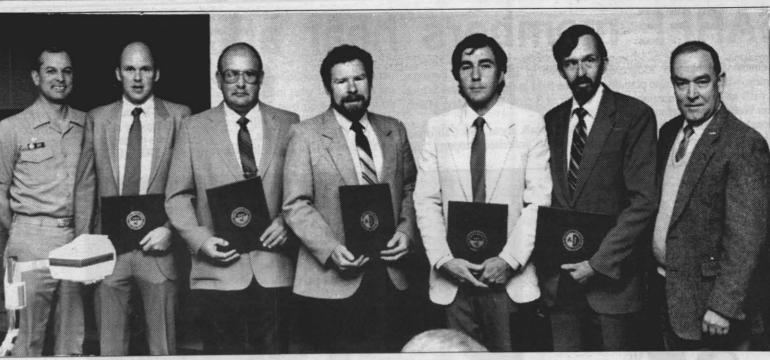
March is observed as Mental Retardation Month by the Association for Retarded Citizens, which has 160,000 members working through units in all 50 states to improve the lives of people with mental retardation. For more information see ARC at 216 N. Gold Canyon Dr. or call 375-9787. NWC HOTLINE

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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DMV cites new laws

For \$35, personalized (environmental) license plate owners can buy a third license plate as a souvenir or display. As with the actual license plate, the third plate can be given to motorists having environmental plates by using a gift certificate form obtained from any DMV office. However, the department advises that the display plate will not be available until April. A vehicle code amendment requires a person selling a vehicle to civil liability in connection with the



OPEN

DAILY

TMC GRADS-Five of the latest graduate of the Naval Weapons Center's Technical Manager's Certificate Program received their certificates recently. Capt. John Burt, NWC Commander and Gerry

Schiefer, Technical Director, (right) made the presentations to (from left) Roger Toftner, Luther Thomas, Ed Kroupa, John Knecht and Larry Jenkins. Missing from the photo was Greg Holladay.

AUTHENTIC MEXICAN FOOD

11 a.m.

to

9 p.m.

L SARAP

Mexican Restaurant

Contraction of the state of the Röcketeer

AIDS tests available

certificates to the buyer and send a Acquired Immune Deficiency Syn- Thursdays (Spanish speaking only), release of liability statement to DMV. drome (AIDS) Human Immunodefi- 2:30 to 5:30 p.m.; and Fridays, 8 to must be met to relieve the seller of ly by the Kern County Health Depart- are offered on county holidays. ment

Assembly Bill 781 (Allen), calls for creation of an Off-Highway Vehicle offered Mondays, Tuesdays and Wed-ing can be obtained by telephoning the Health Department at (805) 861-3651.

deliver ownership and registration Anonymous, free testing for nesdays from 12:30 to 5:30 p.m.; DMV says that both requirements ciency Virus (HIV) is offered regular- 11:30 a.m. and 1 to 4:30 p.m. No tests

The testing site is located at 1700 Further information about the test-

March 4, 1988



GOOD JOB—Members of the China Lake Golf Club took time to salute the outstanding performances of the grounds crew in maintaining the China Lake course. Recognized for their efforts were Alex Ribultan, Keith Haywood, Normal Stowell, Ed Jackson, Danny Robinson and Eusefio Garcia, Jr. Missing was George Thompson.



OUESTION

Whenever we put in a stub, regardless of the amount (even if it is only \$50), Supply can't order it from big business but must go to small business. It then costs us more money to get it from small business than big business, plus the extra time and trouble it takes for them to call all these places to find someone who is small business to buy an item. Is there any set amount that we have to go through small business for? Can we buy from big businesses for small amounts? Thank you very much for your time and trouble. ANSWER Federal Acquisition Regulation (FAR 13.105(a)) states each acquisition of supplies or services that has an anticipated dollar value of \$25,000 or less and is subject to small purchase procedures, shall be reserved exclusively for small

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

on Jan. 19.



Trost. ahead.

Today we are strong and confident. •Second, the outstanding capability sented by such a force are those capa-That is the feeling I have about the that we have today was built in peace- bilities necessary to meet the threat in future, and it's the feeling that I time, something unprecedented in our a dangerous and turbulent world. encourage all of you in the Navy to history. Now, facing a serious budget •Third, the condition of the Navy recruit and retain those quality neonle the United States overseas. My top have as well. As we sift through the crisis at home, and in the absence of an today in the numbers and capabilities whose unparalleled performance has (Continued on Page 4)

1988 Spring Bridal Bazaar From the Saturday, March 5, 1988

moment you decide to spend your lives together, the fine exhibitors at the 1988 Spring Bridal Bazaar can assist you in creating the perfect wedding and honeymoon.

6 Rocketeer

The Schedule of Events is as follows. 10:00 a.m. Open 11:00 a.m. "Reflections of Your Love" presentations by Ray Hocker of Sierra Photography

11:15 a.m. Fashion Show by Dodie Gorrono of Dodie's Bridal Shoppe

2:00 p.m. "Reflections of your Love" presentations by Ray Hocker of Sierra Photography

2:15 p.m. Fashian Shaw by Dodie Gorrono of Dodie's Bridal Shappe

3.01 p.m. Door prize

3:30 p.m. Close Music to be provided

by Steve Malan of Upstage

> No Admission Charge

CARRIAGE INN 901 N. China Lake Blvd. Ridgecrest, CA 93555 (619) ++6-7910

ASPA Chapter hosts Cal State President

California State University Presi-dent Tomas A. Arciniega will be the President Arciniega will talk about guest speaker at a special open lunch CSB's new university status and what meeting of the East Kern Chaper, it means for Indian Wells Valley resi-American Society for Public Admi- dents and potential students of Cal

at the COM is open to the public. of the university's administration. Reservations are asked by Friday, Lunch will be ordered off the menu March 11. Call Mickey or Steve at or the soup and salad bar line.

nistration on March 15 at the NWC State Bakersfield. He will be accom-Commissioned Officer's Mess. panied by Fred Dorer, CSB vice-The lunch, held in the Chart Room president and several other members

St. Ann's plans sale

St. Ann's School has the perfect Donors are asked not to give soiled or way for people doing their spring broken items and to place a suggested cleaning to get rid of unwanted or resale price on each item. Donations unneeded items: donate them to the can be delivered to the school at 446 annual St. Ann's School Sale. The W. Church or call 375-6704 for free contributions are tax-deductible. pickup before the April 9 event.



March 4, 1988

Contraction of the state of the

business concerns. This shall be accomplished by using the category of setasides established by Public Law 95-507, specifically for small purchase, identified as small business-small purchase set-asides established by Section 15(j) of the Small Business Act 15 U.S.C. 664(j).

A procedure in FAR 13.105(d)(2) provides that if the contracting officer determines there is no reasonable expectation of obtaining quotations from two or more responsible small business concerns (or at least one if the purchase does not exceed \$1,000) that will be competitive in terms of market price, quality or delivery, the contracting officer need not proceed with small business-small purchase set-aside and may purchase on an unrestricted basis. As a test, a deviation to the \$1,000 threshold in the above provision was changed to \$2,500 for a period of one year which expires in June 1988. If the purchase is on an unrestricted basis, the contracting officer must document in the file the reason for the unrestricted purchase. Public Law 95-507 does not allow for premium payments for going to small business concerns. However, a the Commander's Award from Capt. fair market price is a requirement. As is the case when accomplishing a purch- John Burt in recognition of his contribuase for personal business, a fair market price may not be the very lowest price.



PLEASED - Dr. Jim Stanford accepts

tion to making this year's Combined Federal Campaign an outstanding success.

Dr. Stanford earns award

Rape suspect caught

by agents of the Naval Investigative Milligan subsequently dropped the Sheriff's Department for allegedly Ridgecrest area. raping a female juvenile at gun point raping a female juvenile at gun point on board the Naval Weapons Center the suspect was identified and

Milligan, known only as "Jim" by the victim, had made arrangements to rants were obtained.

James Donald Milligan, 34, of board NWC and raped her while they Whittier, Calif., was arrested Feb. 17 were in the vicinity of Mirror Lake.

Service and the Los Angeles County victim off at school and departed the

located, and arrest and search war-

meet her at a Ridgecrest restaurant on Special Agent A. G. Booth, NIS that day (they had originally met on China Lake, said that if the rape had Jan. 17 in Los Angeles). After meet- been publicized immediately after the ing at the restaurant, Milligan offered incident took place it would have to drive the victim back to school, at compromised the investigation, mak-which time he allegedly drove on ing it harder to locate the suspect.

his effort with the Commander's raised. This represented almost 25 Branch. Award For Excellence in Mission percent more than the previous year. Support during Monday morning's He added, "The success of the 1988 Commander's Meeting.

Center Commander, told Stanford it was a pleasure to recognize the efforts of an individual in this area. The letter cent of China Lakers making a contri-beings are the most valuable asset of of commendation reads, in part, "Your campaign strategy, planning and attention to detail ensured the success of the campaign. Your infec-controlbutions the 1987 drive when less than 30 per-tent of China Lake's military and civilian personnel made controlbutions the control buttons the control button the control buttons the control button the control buttons the control button the contro tious enthusiasm and availability as a contributions. speaker for individual groups Stanford, who as President, United CFC a success, saying, "A lot of campaign.'

CFC is a direct result of your planning Capt. John Burt, Naval Weapons and implementation of the plan."

> bution, a figure up eight percent from this Center. Stanford's effort to meet the 1987 drive when less than 30 per- human needs, here and elsewhere

throughout the Center added a neces-sary human touch to the finely honed served as the principal combined fund served as the principal combined fund this to happen, it wasn't a one-man organization representative in the show.

After leading the China Lake Com-bined Federal Campaign (CFC) fund drive to record heights last fall, Dr. In making the presentation, Capt. Burt noted the 1988 CFC was not only a success, it resulted in a record ames Stanford was recognized for amount, more than \$214,00 being Physical Optics and Thin Films

> The co-chairpersons of the China Lake CFC, J.R. Bowen and Mickey Strang nominated Stanford for this prestigious award. Their letter of The 1988 drive also found 34 per- nomination reads in part, "Human

> > Stanford praised the work of all those who worked to make the 1988

CNO reports budget priorities to Congress

series of Congressional committees changed in the real world. The United protect the value of the investment on the state of the Navy and our States still needs a capable Navy to do that the Nation, through the Congress, of where we were. We are combat society. Our Navy personnel routinely budget requests, I would like to share a job that only naval forces can do. has made in an effective Navy ---with you my perceptions and expecta- Today, whenever there is a require- although we can expect some difficult tions as we face the challenges that lie ment for U.S. military power on sta- times ahead. Our goal is a 600 ship emphasize to the Congress over the enable them to meet the challenging tion, our Navy gets the call. Navy. The military capabilities repre- coming weeks:

Following is a message from Chief developments of the next few months, emergency overseas, some people of ships and aircraft, in their material been the keystone of the Navy's suc-of Naval Operations Admiral C. H. we should keep the following in mind: would naturally like to cut back on condition, in spare parts, ammunition, cess. Career professionals, together

•First, despite all the publicity sur-As I prepare to testify before a rounding budget cuts, nothing has ten the global threat. I think we will tant of all, in the quality and dedica-of high school, demonstrate standards tion of our people, is light-years ahead that far exceed the norm of American read and we're going to stay that way. evince a selfless dedication to service There are two priorities I will and strength of character which requirements of National commit-·I place my highest priority on ment, including extended at-sca perprograms that support people - our iods, the stress of high risk assigngreatest asset. We must continue to ments and duty as representatives of

CNO talks about Navy. .

(Continued from Page 3)

for adequate enlisted and officer end-strength, fair pay and benefits, a judi-ciously applied selective re-enlistment bonus, sufficient PCS funds aggressive recruiting programs budies to its Navy to execute alliance solidarity. funds, aggressive recruiting programs National security policy in peacetime •Our Navy men and women are at and a reasonable quality of life for our people. Recent press reports which flict. Navy operations around the state or imply that Navy leaders state or imply that Navy leaders globe, from strategic deterrence to day of the year, communicating offered up the proposed 4.3 percent drug interdiction, have real-world impressive military strength and pracpay raise in FY 89 to pay for retention purposes and clearly demonstrate our ticed capability to friends and allies as of 16 frigates are inaccurate.

Our current military operations in the priorities: budgetary priority reflects the need most recent confirmation that a Mari-for advante aplitted and officer and ability to effectively operate forward well as to potential adversaries.

•We must safeguard total Navy on the world's oceans. I will continue to fight for the right I will present the Congress a kind of Navy that can defend critical capability, readiness and perfor- straight-forward message that is firm- National interests in a difficult world. mance, so we can continue to carry out ly grounded in a strong, confident The American people have gotten the real-world operations that are so Navy and reflects my budgetary their money's worth in a Navy that is increased and able to respond promptly



That's what you'll get when you use the "VAX connection kit," from Falcon Microsystems Inc. The Apple Macintosh is regarded as the "workstation of the future." Recent studies have described the Macintosh as easierto-learn, earier-to-use, and less costly to own. Put this friendly, powerful workstation in the hands of your VAX users and see what it means to have a,

"Good look at a Vax"

(Vax must have appropriate communication support.)

Check these features:

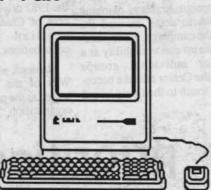
- Full "DEC Mail" Support
- Look like a Digital terminal
- Full tutorial for start up use
- Local installation and support

Kit includes necessary hardware and software for immediate use.

Concerning the second second second

For more information contact Jim Newman at:

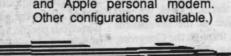
Falcon Microsystems Inc. 1353-J Invokern Rd. Ridgecrest, CA 93555 (619) 446-7777



C.A.H. Trost,

Admiral, USN,

(Macintosh SE with internal floppy disk drive, Apple keyboard, and Apple personal modem.



Rents rise in May

Information on the adjustment in The rental increase, when co has been received from the Western pared to 1987 rates. Division of the Naval Facilities Engineering Command in San Bruno,

	Shelter		
Туре	Rent	Utilities	TOTAL
SOQ (4)	\$895.80	\$219.60	\$1,115.40
SSQ (3)	582.00	228.90	810.90
SSQ Saratoga	482.70	230.40	713.10
Sierra (4)	679.80	153.00	832.80
Coso (3)	619.50	147.60	767.10
Panamint (4)	594.30	165.30	759.60
Panamint (3)	540.90	148.50	689.40
JOQ (Rear Terrace) (3)	553.80	150.90	704.70
JOQ (Front Terrace) (3)	500.70	146.10	646.80
JOQ (Front Terrace) 1 Bath (3)	443.40	146.10	589.50
JOQ (Rear Terrace) (2)	461.10	120.30	581.40
JOQ (Front Terrace) (2)	414.60	117.00	531.60
MOQ (3)	551.70	171.30	723.00
Hill Duplex (3)	456.30	144.60	600.90
Hill Duplex (2)	348.30	138.00	486.30
Wasp Circle (3)	429.00	173.40	602.40
Joshua	507.30	150.30	657.60
Yucca (4) (Convertible)	512.40	142.20	654.60
Tamarisk (4) (Convertible)	465.90	138.00	603.90
Juniper (3)	461.70	130.80	592.50
Old Duplex (3)	481.50	143.70	625.20
Old Duplex (2) (Dining Addition)	379.20	119.40	498.60
Old Duplex (2)	345.60	114.60	(460.20)
Old Duplex (1)	280.50	83.40	363.90
Motel Apartment (1) With	299.40	54.60	354.00
Motel Apartment (0) With	238.20	48.30	286.50
Motel Apartment (1) Without	285.90	54.60	340.50
Motel Apartment (0) Without	224.70	48.30	273.00
Old Apartment (1)	249.00	60.60	309.60

FRA meets Monday

We've Moved

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Ridgecrest, CA 93555

Call us at

375-7828 375-7838

Members of the China Lake mittee. Nominations will be accepted nate officers for the 1988-89 year. cuss plans for operating a food booth Conrad Fairchild, branch vice presi- at the April 16 Naval Weapons Center dent, will head the nominating com- airshow

Carl Truitt

Senior Account Agent

Branch, Fleet Reserve Association until the April 4 meeting. Also at the will meet Monday, 7:30 p.m. to nomi- March 7 meeting, members will dis-

Ed Waite

Senior Account Agent

civilian rental charges for the Naval bined with the utility increase, is an Weapons Center housing facilities average of 3.3 percent when com-

Active duty military personnel

March 4, 1988

	Sneller			
Туре	Rent	Utilities	TOTAL	
	\$895.80	\$219.60	\$1,115.40	
	582.00	228.90	810.90	
toga	482.70	230.40	713.10	
	679.80	153.00	832.80	
	619.50	147.60	767.10	
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ex (1)	280.50	83.40	363.90	
artment (1) With	299.40	54.60	354.00	
artment (0) With	238.20	48.30	286.50	
artment (1) Without	285.90	54.60	340.50	
artment (0) Without	224.70	48.30	273.00	

WASHINGTON (NES)...We need also impossible to be completely free stress in our lives. Stress give life that of distress, but your attitude can help. "spark." Without it, life would be as You can respond to stress in three No goals. No exhileration. No positive response to stress is accep- Model Installation Program (MIP) in direct support of RDT&E projects. duct the daily business routine. success.

handling your stress can seriously frustration - all helping to turn stress an old but enforceable regulation, affect your physical and mental well-being The trick is to make stress work to deal with the situation. being. The trick is to make stress work to deal with the situation. for you instead of against you.

to become overstressed, according to 1 "reliever" is physical activity. Your one such submittal Cdr. (Dr.) James A Scaramozzino, body and mind work togehter. When In June, 1986, Capt. John Burt, deputy, Health and Physical Readi- your body is physically fit and ready NWC Commander, approved a MIPI ness Division, Navy Military Person-nel Command, Washington, D. C. "Be careful of having unrealistic handle stressful situation." with the commander approved a Military Person-to take on anything, your mind is also waiver request which succeeded in capturing the interest of the Office of Secretary of Defense (OSD). OSD, in expectations of the world you are Eating correctly is as important as turn, championed NWC's MIPI by faced with," said Scaramozzino. "You physical activity. Fueling your body raising the \$1,000 Small Purchase

and black."

being.

their distress increases.

on themselves.

5 00

between who you are as a person and level. what you do as a person in the Navy," Sure, you'll still have to work long curement is available only from the said Scaramozzino. "You want to be a hours at times, skipping exercise and original developer. OSD responded superstar in the Navy, but if you fail, balanced meals. But if you don't let to the Center's MIPI with an approval you're still a good person. That dis- those crisis situaitons become every- which now provides NWC authority tinction has got to be there; otherwise, day occurrences, and keep yourself you're going to be overwhelmed." health physically and mentally, you'll life completely free of stress - nor the key to keeping stress from becom-

would you want to. In addition, it is ing distress.



Stress can be aid MIP:

your job to define whether or not you of a tuneup, will be sluggish and hard commonly known as FAR. are a valuable and worthwhile human to start up in the mornings. If you Jeff Meriam (Code 25A1) origiand even heart disease.

esteem when their jobs stop validating ries with someone - family member, stub value exceeding \$1,000. their worhwhileness as human beings. friend or co-worker.

strike out at their jobs or bosses, turn Find activities that give you pleasure were made unnecessarily complex by and concentrate on enjoying them, not the \$1,000 threshold. And, in many "There has got to be a division on whatever increased your stress cases, the parts needed are so new to

As mentioned before, you can't live be in control fo your stress. And that's

.00 OFF

All Precision Cuts

LaDonna

Cleary

EXPIRES MARCH 18

From

NWC initiatives continue to provide benefit to Center mission related work exciting as mashed potatoes. No chal-lenges. No opportunities. No dreams. No

tance. Resignation or resistance will Office with hope and anticipation that However, too much stress or not prduce resentment, hostility and the problem being addressed, such as as final disposition by higher authori-ram is enjoying an 86% MIPI approv-When stress levels get to high, or accomplishing business efficiently Unrealistic expectations set you up distress has been unavoidable, the No. and economically. MIPI 022-86 was improving mission-related efforts, as from this week's MIPI Corner. . .

can't see everything bright and rosy with fish, fiber, fruit and vegetables is Competition threshold to \$2,500 for when everything is turning stormy akin to keep your car well tuned. It all Department of Defense activities. will run smoothly and efficiently. NWC's MIPI had requested a pur-A common expectation that can Feed it junk food, staurated fats and chasing dollar threshold change to the cause stress to turn to distress is using salt, and your body, like a car in need Federal Acquisition Regulations,

don't properly nourish your body, ti nated the MIPI. The underlying prob-Scaramozzino said that when peo- too will start to break down and you lem he addressed literally plagued ple do that, and then the job doesn't go might find yourself confronted with Center mission-related productivity well, they begin to feel inadequate and high blood pressure, ulcers, obesity for the year by requiring solicitation of three sources or preparation of a People who use their jobs in this You can also relieve distress by sole source statement for acquisition way lose self-confidence and self- talking over your concerns and wor- of services and components of the

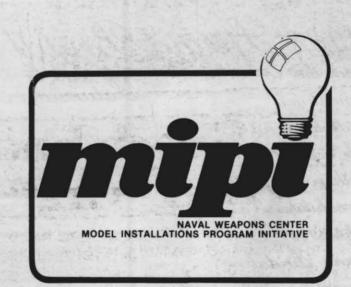
Since the average stub exceeds People in this situation, unable to Relaxation also heps relieve stress. \$1,500, many simple procurements the technical field involved that pro-

ty, is a celebrated event at NWC. al rate for initiatives submitted. al authority to the Naval Weapons MIPI Scoreboard next week.)

Rocketeer 5

Receiving "approval" for a MIPI, NWC's Model Installation Prog-Each approved MIPI brings addition- (Watch for an update of the NWC Center which is applied toward And a parting bit of sincere humor

> If what's ailing your work can be fixed by the MIP Don't hang back and watch your productivity SLIP Get rid of that policy set by, "who can recall"? and MIP that old reg that's ancient as Saul. Thanks to you all, who have joined in the MIP'n Bad policy and regs, we send'um all trip'n. By The MIP Office





March 4, 1988

meeting scheduled Billie Stone will discuss "Postmarks" at tomorrow's Saturday Adventure at the Maturango Museum, 100 E. Las Flores in Ridgecrest at 3 nm

Parents wishing to review and dis- for pre-school children through kin- former post offices in the area. a sexual abuse prevention program



				Peak	
	Max	Min	- 1	Gusts	Precp
Thurs.	75	33	09	knots.	
Fri.	76	40	09	knots	
Sat.	65	51	13	knots	.03
Sun.	69	46	22	knots	06
Mon.	64	38	21	knots	.01
Tues.	66	34	16	knots	20
Wed.	70	38	19	knots	.02
A11	measu	ireme	nts	are ma	ide at

Armitage Airfield.

vices Department, should attend the aged 6 through 17. showing being held at the Youth Center on March 31 from 11:30 a.m. to 12:30 p.m.

This free program will be prethe Children's Centers throughout the month of April. Only children with parental permission will be allowed to attend. Parents are urged to attend this program on March 31.

Lunch will not be served, so

NWC ext. 2735.



the Maturango Museum, 100 E. Las Flores in Ridgecrest, at 3 p.m. She will discuss the many facets of postmark collecting, and will concentrate on the older types of cancellations. Mrs. Stone will also talk about the 20

cuss the Children's Self Help Project, dergarten sponsored by the Naval Saturday Adventures are free with admission to the museum. Admission is Weapons Center's Recreational Ser- free for members; general admission is \$1 for adults and 50 cents for children

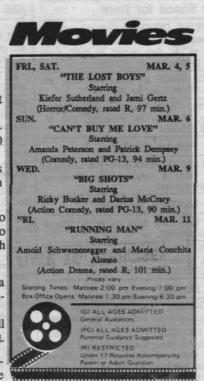
> "Color Excursions" by artist Rosemary Ravsten will be the next exhibit to be displayed at the Sylvia Winslow Exhibit Gallery of the Maturange Museum. The exhibit will open today, March 4, and will continue through sented to all the preschool classes at April 5. Refreshments will be served from 2 to 4 p.m. on March 6.

> > Anyone interested in astronomy is invited to attend a meeting of the China Lake Astronomical Society Monday (March 7) at 7:30 p.m. at the Kern County Library, 131 East Las Flores, in Ridgecrest.

Keith Lawson, a member of the Antelope Valley Astronomy Club, will show award-winning astronomical equipment that he has designed and built.

parents attending are advised to bring their lunch with them. Two more performances of the Community Light Opera and Theater pro-duction of Come Back to the Five-and-Dime, Jimmy Dean, Jimmy Dean, are For additional information please scheduled tonight and tomorrow night at the Enlisted Mess. contact the Children's Center at Tickets for this production are \$7 each; purchase them from the Enlisted

Mess, NWC ext. 3138.











INVENTION AWARDS-Among the Naval Weapons Center inventors honored last week were (from left) Richard Silver and Lloyd Williams.

S. Hughes, Jack Russell, Frederick C. Alpers, Robert E. Atkinson, Wallace



WILSON AWARDS-Winners of the H.G. Wilson Invention Awards included and Gordon Greene. (from left) Richard St. Clair, Joseph Photo by PHAN Cary Brady

Hibbs, Gerald Chalmers, Walter Smith

Wilson Award. . . Patents, inventors saluted

(Continued from Page 1)

ting only the leading portion of the implementation by Joseph Hibbs, first pulse received in each radar cycle Gerald Chalmer, Robert Durrell and to reach the seeking direction sensing Walter Smith. Harpoon benefits from circuits.

Anti-Radar Missile Tracking System

loop monopulse receiver-computer and a solenoid, rebounding is elimisile guidance systems, which supply prevented. necessary target detection and missile navigational intelligence to the missile's launching aircraft and subsequently to the missile's control sur- APAM Weapon and other warheads. face drive system.

System

Sidewinder warhead. This mechan- into a die, then applying high presreliability

Motor Drive

The motor drive for Sidewinder missile gyros was designed by Awards to recognize and reward man and simplifies the Sidewinder allows government inventors to share gyro and motor drive elements by the in the royalty payements when their use of reference coils for motor start- invention is licensed for commercial up and spin directions, resulting in uses. Under existing law, the inventor both component and fabrication cost will get 20 percent of the royalty paysavings.

Universal Arm Fire Device Thomas Hampton had the initial circuit improves accuracy by permit- concept and it was refined to this device, also used on Sea Sparrow, Monopulse Receiver Circuit for an which provides reliable initiation and prevents inadvertent ignition of rocket motors. Prior to arming, a piston is Developed by D. Jack Russell, blocked in position preventing inad-Robert E. Atkinson and Langthorne vertent ignition. By using barrier Sykes, this passive radar signal prongs and rotor cavities in the receiver tracking system is a closed mechanical in the mechanical barrier system for use in air-to-surface mis- nated and inadvertant firing is

Method for Shaped Charge **Bomblet Production**

The final patent honor is used in the Herbert Neuhaus, Jack Sherman, Dual-End Warhead Initiation Wallace Silver and Lloyd Williams invented this process. The process This patent, held by Gordon Greene including preheading an explosive and Fredric Menz was used in the molding powder, inserting the powder ism provides simultaneous initiation sure. The result is a pressed insert that of detonation at each end of a cylindri- may be automatically manufactured cal warhead. It results in a significant with a high degree of precision. This increase in warhead effectiveness insert may then be fitted into the prewithout any compromise in shaped casing and may be formed to accept a shaped liner for use in a shaped charge device.

In addition to the H.G. Wilson Richard C. St. Clair and Charles Ditt- inventors, Schaniel noted the law now ments and 80 percent goes to NWC.

NWC promotes opportunity for handicapped

Disabled individuals who are unable to get a job, keep a job, or advance in a job due to their disability are assisted at the Naval Weapons Center by an Affirmative Action program, the Handicap Development Program.

"The focus is on what disabled individuals can do, not on what they cannot do. The program asizes abilities and skills applicable to employment," says Judi Farmer, who manages the Center's program for the hand-icapped. Those who think they may be eligible for the program may find the following information of use:

1. The definition of disability is a mental or physical imparement that substantially limits one of more major life activities (i.e., caring for oneself, performing manual tasks, walking, seeing, hearing, etc.)

2. The disability or perception of disability must keep the inndividual from getting, keeping or advancing within a job.

3. Positions must be open for applications to be referred. Positions are not created for the disabled.

4. To apply for a position, handicapped individuals must be qualified - they must be able to perform the essential functions of the position applied for without endangering the health or safety of the individual or co-workers.

5. A letter of certification is required from the State Department of Rehabilitation or the Veteran's Administration stating what

the disability is, the degree of disability, and any accommodation that may be necessary for the individual in relation to the job for which they

are applying. 6. When handicapped applicants choose to apply through the program, they may be given a temporary, an excepted temporary, or an excepted appointment with all the responsibilities and entitlements of that appointment. Candidates can be removed, terminated, promoted or "RIFed" the same as any other government employee. They receive raises and promotions based on the same factors as the non-disabled.

7. Those who think they qualify for the program should: ·Contact a VA or Department of

Rehabilitation counselor to be eva-

luated for the letter of certification. •Update an SF-171.

•When all the paperwork is together, call the Handicap Development Program Office (NWC ext. 3129) to schedule an interview with the program manager, Judi Farmer, to discuss the program's applicability.

Ms. Farmer spends much of her time working with handicapped personnel who are not under the handicapped program to see what accommodations they may need to best do their jobs. "The Navy has a valuable pool

of talent here," she says. "Although by some definitions they may be considered handicapped, they are doing a superb job on board in. helping accomplish our mission."

March 4, 1988

March 4, 1988

449 Space for CARPETED OFFICE Richmond Road 1000 sq. ft., easy gate, \$450 per mont OFFICE SPACE fo cricel 375-4405 ask TRAVEL TRAILER

450 Resort R 4 SEASONS VAC Lake Tahoe & H

25 ft. travel trailer. 1 utilities. 446-5865, au TRAVEL TRAILER

1986 SMOKECRAF Chrysler 1½ horse hours). Comes with cushions. Has been Asking \$900 for even a.m., but before 8 p

469 Motorcyc 1974 Honda Elisorne tion, very fast. \$550 o

great. \$400 or best o 1981 KAWASAKI fler, hand grips, s 446-2457.



461 Mobiles

your clas





space, close to Haloid. 375-5954. 465 Boats 1975 FANTASY, 17 ft., Plus ski equipment

PHONE 375-



1981 HONDA XR80,



detail has elicited the most productive efforts of subordinates. Petty

two daughters, Amy and Robin.

AME1 Manuel Duarte, VX-5

Petty Officer Duarte has been in

the Navy since October, 1979 and

completed Life Support Systems

School before reporting to VA-43

A part of Air Test and Evalua-

tion Squadron (VX-5) since

August, 1986, Petty Officer Duarte

is a work center supervisor for the

Engress/Environmental Systems

Branch. The squadron's Com-

manding Officer, in nominating

AME1 Duarte for Bluejacket of the

Year honors said, "He demon-

strated exceptional technical

expertise and initiative in qualify-

ing in an extremely short time per-

iod and being designated collateral

duty quality assurance representa-

The letter of nomination adds.

"His initiative and attention to

tive on five different aircraft."

for his first tour.

Bluejacket:

Top sailors compete for recognition

now has more than 100 parachute

jumps to his credit, says the final

goal is to become a chief petty

officer or limited duty officer in the

A native of Levelland, Texas,

Petty Officer Bowers, has spent

tours onboard three different air-

craft carriers and had shore assign-

ments at locations ranging from

North Island to Whidbey Island

before being assigned to the Para-

the Aerosystems Department.

chute Test Operations Branch of

The letter of nomination notes,

"He quickly established his

unequaled leadership and manage-

ment abilities as the Branch Lead-

ing Petty Officer. His unique abili-

ties to interface with military per-

sonnel from other commands,

civilian engineers and civilian con-

tractors has resulted in the over-

whelming success of the Ram-Air

Parachute Systems fleet

Petty Officer Bowers and his

wife, Pamela, are the parents of

Navy.

One sailor, representing all junior enlisted personnel at China Lake, will be selected from a field of seven to become the 1988 Bluejacket of the Year on Saturday, March 19.

On that day, the Indian Wells Valley Council, Navy League of the United States will honor seven sailors who earned Sailor of the Quarter honors during 1987 for the Naval Weapons Center and Air Test and Evaluation Squadron Five (VX-5).

This is the second of a four-part series showcasing these outstanding China Lake sailors.

PR1 Billy S. Bowers, NWC

The letter of nomination for Pet-ty Officer Bowers notes he has had a "brilliant naval career." The 14-year veteran of Naval Service was the Naval Weapons Center Sailor of the Quarter and Sailor of the Year for 1987.

Arriving for duty at NWC less than three year ago was the highlight of that career. Bowers, who

"Home of Fine Oak Furniture" NOW OPEN Quality Furniture and Accessories That Last Forever Specials on Dining Tables, Chairs and Hutches · Living Room · Bedroom & Office Furniture Modern & Contemporary and Old Traditional Styles 20% Discount on Full Sets. 375-20AK 425 E. Ridgecrest Blvd. 375-2625 lext to Thrifty Wash & Fluff 'n' Fold

introduction.

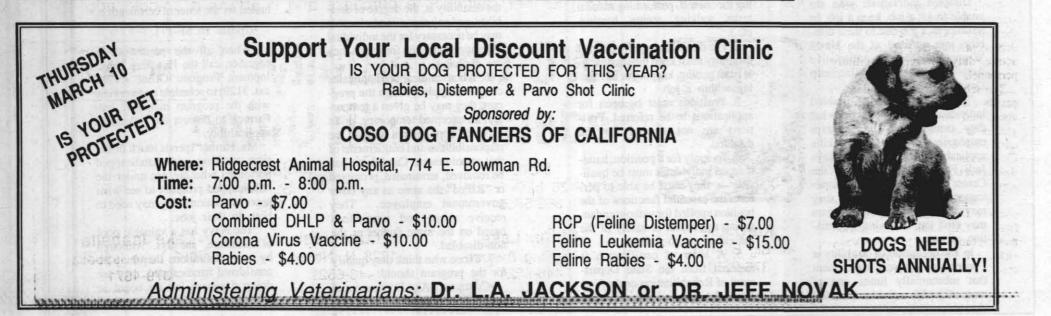


- 2) 1979 Ford F250 w/shell, minimum bid \$4,800
- 3) 1979 Chevy 4x4, minimum bid \$4,000
- 1983 Dodge Rampage, minimum bid \$3,900
- 1980 Toyota Tercel, minimum bid \$1,600
- 1986 Kawasaki ZX1000, minimum bid \$3,000

Vehicles may be seen at the base office 9:30 a.m. - 4:30 p.m. Monday thru Friday, except holidays. For further information please call the Collection Dept. or Sharon DeWeese at 446-652

CORRECTION-Last week, the identifications under the Bluejacket of the Year candidate photos were reversed. We regret the inconvenience to DP1 Curtis Coley of NWC and AE1 Douglas Taylor of VX-5.

PR1 Billy Bowers



NWC's branch of the Navy Relief Society has new telephone numbers. Effective immediately, people need-ing to reach the Navy Relief Society should telephone 939-2921 or 939-3148.

NRS new number

or Rent	469 Motorcycles	485 Autos For Sale	489 Trucks and Vans	493 Four Wheel Drive
E & tiled shop space, Professional Building, access to NWC south th, 375-6882.	1981 YAMAHA 650 Special 2., has cover, helmet and gloves, \$1 per cc(\$650) has 10,000 miles. 446-7040.	1973 PLYMOUTH Duster, p/s, sun roof, air shocks, aluminum mags, 2 tone paint, good condition, runs great, \$1,000. 446-6753.	1985 FORD Econoline ½ ton van. Super clean, 26k miles, air, auto, tilt, cruise, locks, \$9999. 375-3184. 1985 FORD Ranger, 45K miles, new tires,	1986 FORD Aerostar - V6, pb, ps, ac, Am/Fn stereo, tilt wheel, cruise, seats 7. Blue book \$13,440. Asking \$10,440 firm. For mon information call 446-7313 days or evenings.
or rent. Can't beat the for Max.	1982 Honda V45 Saber, \$1200 or best offer. 446-3236 after 3:30 p.m.	1975 PLYMOUTH Fury, needs tune-up and some body work, runs good, asking	camper shell, \$5200 or best offer. 446-3236 after 3:30 p.m.	501 Parts & Accessories
t space, Mobile Home all shopping, 210 W.	. 1982 Honda GL500I. Bought new in 84. Currently has less than 17k miles. New tires. Numerous accessories included. \$1200 or best offer. Call 375-3768 after 5 p.m.	\$300 or best offer. 446-5139. 1978 Cadillac CPE Deville - great car for the big car comfort. Color - blue. Come in or call	1986 NISSAN King Cab pick up, new tires, 34,000 miles, \$5,700. Rick, 375-4307. 1987 NISSAN Hardbody truck, regular	DASHCOVERS custom made for you car or truck, \$35. Price includes fre fitting and sales tax. 375-6143.
Rental CATION REFERRALS, awaii, owner direct, no	1982 YAMAHA 750 Maxim, excellent shape, low miles, \$1,000. Call after 5:30 p.m. at 446-7404.	Charlon & Simolon Used Cars, 619 375-1998, ask for Dave. \$2,999, stock #8906A.	bed, 5 speed, camper shell, low miles, very clean. Must Sell 375-9073.	NEED A car battery? Call me for the be price on Interstate batteries. 375-6143.
awaii, owner oneci, no	1982 YAMAHA YZ490 dirt bike. Excellent condi-	1978 HONDA Accord, \$1,200. 377-4835.	and the serie Want in the series of the	en a transfer and an all states and
for Rent	tion. \$550 or best offer. 446-6257.	1979 MGB convertable. Excellent condition, runs good. Just in for tune-up. 2 spares, 3	and the Property of the	- And -
\$200 per month, includes sk for Joe.	1982 YAMAHA 650 Seca, vetter windjam- mer fairing, low miles, excellent shape. Asking \$1000. 377-5058.	different top down covers, car cover, etc. Asking \$2000. Call 446-4997 anytime or	- Istalla	
Space, mobile home all shopping, 210 W.	1983 HONDA SHADOW 750. New back tire, low miles. \$1300 or best offer. 446-6769 after 5 p.m.	leave message. 1982 PLYMOUTH Sapporo. Sporty Car runs great. So is the price! Color - silver. Come in-	ar had at Th	TIT
the States of Higher B	1985 CR500, wide ratio transmission,	or call. Charlon & Simolon Used Cars, 619 375-1998, ask for Dick. \$2,199, stock		The state of the s
, 190 horse, 302 V8 engine. and two props. 446-2998.	lighting coil, extra work forks, pro circuit pipe and extra plastic four gallon desert tank. Call 375-7475.	#8915A. 1985 CADILLAC Sedan Deville, one owner,		The second second
T 12 ft boat with 1986 power motor (only used 8 brand new oars and two in water only three times, ything, Call 377-5733 after 8	1986 KX500 dirt bike, set up for desert, extras, \$1,250 or best offer. 375-9358.	low miles and sharp. Color - rose wood. Call or come in Charlon & Simolon Used Cars, 619 375-1998, ask for Dave. \$14,999, Stock		nd Vacation perma-
	1987 SUZUKI QUAD 80, real clean, \$800 firm. Call 446-6438.	#4639A. 1987 FORD Escort HB, low miles and sharp, 4	a second s	1836 sq. ft. dream on , fountains, sunken
0.m.	473 Motorhomes & Campers	speed stick, air conditioning, and cassette. Here's your low monthly payment car with economy too! Color - gold. Come in or call	The second secon	d by a tropical para-
8808 to place ssified ad.	CAMPER SHELL for small truck, \$75. 446-6769.	Charlon & Simolon Used Cars. 619 375-1998, ask for Dave. \$6,875, stock #8928.		28 Boston St. R/C
les	USED CAMPER Shells from \$195. 375-4405 ask for Max.	TRYING TO SELL your car or truck? Leave it with us on consignment. We	OPEN HOUSE MARC	H 6 - 12 noon - 4:00 p.m.
ATC 250. Excellent condi- r best offer. 446-6912 after	485 Autos for Sale	handle everything for you. Bud Eyre Used Car Lot, 375-4405.		Century
and anothing and area	1962 SUNBEAM Alpine convertible. New	489 Trucks and Vans		ensen
good condition and runs fler. 377-5733 after 3 p.m. (X420, new tires, muf-	engine and transmission. Minor body work. Excellent for restoration. Make offer, 446-2743.	1977 VW Campmobile, \$2,500. Can be seen at the Lemon Lot on base. 377-4835.		Associate A-1 Realty
600 or best offer. Call	1970 Cutlass Supreme, \$500 or best offer. 446-5865, ask for Joe.	1980 CJ7 Jeep Renegade, \$4,500 or best offer. 446-4623.		na Lake Blvd. Home 375-4370

NINC 12



extras. Must see to appreciate; PSE Com-

pound bow set plus hard shell carrying case,

\$275. Hardly used. Must see to appreciate.

Call Jim at 375-6194 after 3 p.m. and

COLOR TV, compact disc player, ironing boards, steam iron, electric curlers, electric handmixer. All top condition. 446-3132.

CUSTOM made 130 gallon gas tank, fits crossways in truck bed. Cost over \$200, sell

ELECTRIC DRYER, \$75; Sears Whirl-pool jacuzzi, \$50; Turntable, \$25; Dome

hair dryer, \$15; quilting hoop \$10; stroller, \$5. 371-1839.

353 Miscellaneous

For Sale

for \$50, 374-2224.

377 Homes for Sale

MOVING, MUST Sell Beautiful, unique and upgraded 5 month old 3-2-2 on largest cul de sac lot in Kern Island, extra large covered patio, auto sprinklers, many extras, upgraded appliance sumable 10 percent FHA. 375-3422.

location, new kitchen, detached garage. As-sumable 9% % FHA loan. Must see at 413 Alvord, or 375-3225. Priced at a low \$57,500. 381 Condos for Sale

DEETER Condo, 2 bedroom, 1% bath, nicely decorated, fireplace, garage, pool. By owner, \$67,500. 446-6228.

For Sale

BEDROOM, 2 bath mobile home, nea ront gate, own lot, finished garage. \$49,500. 446-681

FOR SALE or Lease, 2 bedroom, 2 bath, double wide with fence and shed on corn space in new park, north location, close to p.m. or week

378-2918

MOVING must sell! Mobilehome 12x60, beautiful condition, 2 bedroom, 1 bath. \$9800 or best offer, 446-5304

425 Apartment for Rent-Furn.

SUPER clean 1 bedroom, furnished. Secure, quiet area, close to everything. ONLY \$285 quiet area, 375-5954.

429 Apartment for

NEW APARTMENTS, nice features, garage included, resident manager, 1319 El Prado, Apt. B. 446-4079.

LARGE SPACIOUS 2,3,4 bedroom duplex. Individually fenced yards, new carpet, carpeting, flooring and cabinets new, swamp cooler, air conditioning, pool, spa, childern play area, night lighted tennis courts, washer & dryer hook ups. Save 1



WELL-KEPT 3 bedroom, 1 bath home, great

385 Mobile Homes

NWC main gate. \$30,000. 446-5954 after 4

MOVING MUST Sell, 3 bedroom, 2 bath mobile on 1 1/4 fenced, zoned for horses, patio, green house, sheds, near Isabella ishing and skiing. Call after 6 p.m.,

Rent-Unfurn.

month's rent with a 6 month Toro Drive. 375-8617.

437 House for Rent Furnished

SUPER clean 1 bedroom furnished. Secure, quiet area, close to everything. ONLY \$285. 375-5954.



For Sale BROWN, BEIGE & gray sofa, good condition, \$80. Sansui stereo rack cabinet, \$50. 446-7044 after METAL DETECTOR, \$50. 446-5239. NEW VW BUG windshield, \$39.95 and up. Pearon's Auto Parts in Pearsonville. CASIO tone keyboard CT-360, \$120. Few OUEEN SIZE waterbed mattress, liner, heater

353 Miscellaneous

comforter, sheets, padded sideboards, \$100. Call 446-4007 QUICK printer machine, \$250, 446-5865, as

for Joe ROUND TRIP ticket to St. Louis. Good anytime until May 15. \$99. 446-2407.

SAVE \$\$\$ on auto parts, hub caps & windshields. Pearsons Auto Parts & Wrecking, Hwy. 395, Peasonville.

377-4585 TABLE and four chairs, good condition \$25; Sanyo 19 inch color TV, excellen

condition, \$250, 446-6658 after 5 p.m.

NARFE National Association **Retired Federal Employees**

> HELP SAVE YOUR Civil Service Retirement System

353 Miscellaneous

WILHORN & SON Firewood sale, now

have almond, pine & fir by the half cord

and the cord. 377-4465 LOST A HUB Cap or need a set, head for

Pearsonville, Hub Cap Capitol of the

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New strings, great for beginner, would

definitely work for the intermediate to

expert players. Includes bass, case, and cord. Must seel \$275 or best offer. Call

Memphis bass, excellent condition

For Sale

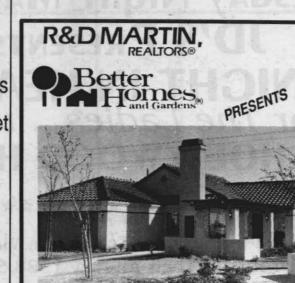
Bodie Coin Co 446-4600

Norld. 377-4585.

Pat 375-3185

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THAT to the bank And When You Use The Classifieds You're Sure To Get **RESULTS!**

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FREE TO MILITARY

•First use of drugs before age 15. Even if you identify with one or more of the above indicators, you toughened its anti-drug campaign. As See your command Drug and Alcoinformation

activity.

stant criticism.

have a choice. Don't give in to temptation, you may be risking more than your health. The Navy has again of last October, E-6s who commit an initial drug offense will be disciplined appropriately, screened for drug dependency and processed for separation at the earliest possible date. hol Program Advisor (DAPA) or a counselor at the local Counseling and Assistance Center (CAAC) for more

430 Duplex For Rent

EAGLECRES With VA/FHA Interest Rates down to 91/2 %, now is the time to buy. TALK TO THE EXPERTS ON

353 Miscellaneous

361 Wanted to Buy

LARGE STOCK of new fuel pumps,

Pearson's Auto Parts in Pearsonville

FREE to good home, 9 month old Shepherd Collie, male, neutered. 446-6753.

FREE to good home - 11 month old Golden Lab mix. Baby allergic to dogs. 446-2164.

CASH For Your old coins, especially your

CASH for scrap gold, class rings, diamonds,

MULTI-FAMILY garage sale - moving abroad, must sell Toys, bikes, baby and childrens clothes, kitchen appliances, furni-ture, tools, plants, washer and dryer. Sat. March 5, 9:00 a.m. - 2:00 p.m. 1400

TRACTOR, Ford Diesel, Series 4000,

CITY LOT for sale, 70 x 135, great

location, gas, water and sewer, west location, \$17,000. 375-6172.

CITY VIEW, 5 acres, water & lights

available. Quiet, secluded, southeast area. 375-5848. (2-5 acres).

BY OWNER, 3 Bedroom, 2 bath, 1340

plus sq. ft., double lot, carport, landscap-ing, used brick fireplace, \$72,900. 917

old pennies. 375-1041, if not home.

fine jewelry. All replies strictly col 372-5096.

369 Heavy Equipment

four cylinder with skip loader

373 Lots and Acreage

377 Homes for Sale

Farragut. 375-2011.

scraper, \$5,500. 375-9270

365 Yard Sale

dyear hoses and belts.

For Sale

umps and God

377-4585.

357 Pets

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MAREK

Models not fou

Better In Homes 350 E. Ridgecrest Blvd., Suite 110

375-3880

March 4, 1988

Alcohol:

High risk predictions

WASHINGTON (NES)...Are you at high risk for abusing alcohol or other drugs? Researchers at the Uni versity of Washington have found the following factors to be predictors of drug and alcohol abuse:

·A family history of alcoholism ·A family history of criminal

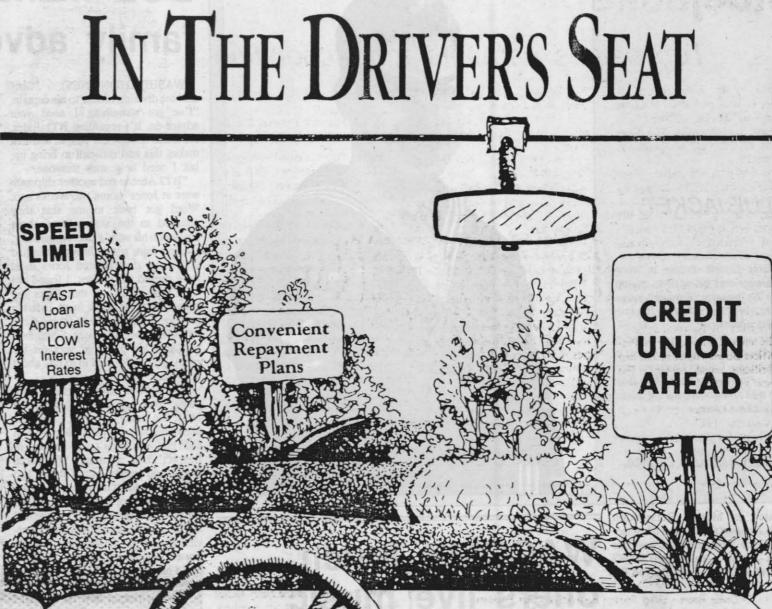
·Poor parental child-rearing practices, such as lax supervision and con-

·Parental drug use or permissive attitude towards drugs. •Early antisocial behavior in

school, especially aggressiveness. ·Social alienation and low commit ment to getting an education.

·Academic failure in middle to late elementary school levels

Socializing with friends who take

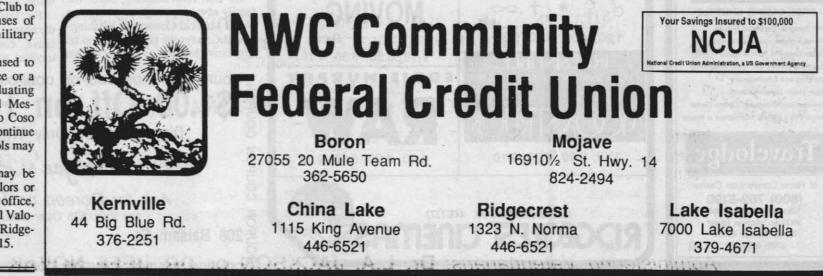


Rocketeer

Shopping for an automobile loan can be much like driving on an open highway without warning signs. Watching out for potholes of dealer financing, unpredictable interest rates and the sharp curves of some loan terms becomes increasingly difficult without some guidance.

Your Credit Union offers new vehicle loans with competitive interest rates, convenient repayment plans and fast loan approvals. We believe that buying a new car should not be a hazardous experience. We will work hard with you to find just the right loan terms to fit your budget and preapprove your request before you buy, so you may shop around with confidence.

If you are in the market for a new automobile, stop by your Credit Union first. We can help put you in the driver's seat and make your next automobile purchase and financing a smooth ride.



MOWC seeking scholars

Applications are now being accepted for scholarships offered by the Military Officers' Wives' Club to dependent children and spouses of active duty or retired military

The scholarships may be used to pursue either a college degree or a vocational education. Graduating seniors from Burroughs and Mesquite High Schools and Cerro Coso College students planning to continue their educations at other schools may

The applications, which may be obtained from school counselors or from the All Faith Chapel office, must be submitted to Mrs. Paul Valovich, 1820 Enterprise Road, Ridgecrest, CA 93555, by April 15.

March 4, 1988

BLUEJACKET.

Officer Duarte excels in every endeavor and his actions examplify the qualities of mature judgement, loyalty, personal integrity and leadership

He was VX-5's Supervisor of the Ouarter for the third quarter of 1987, Petty Officer Durate is married to the former Kathi Ann Benson and lives on board the Naval Weapons Center.

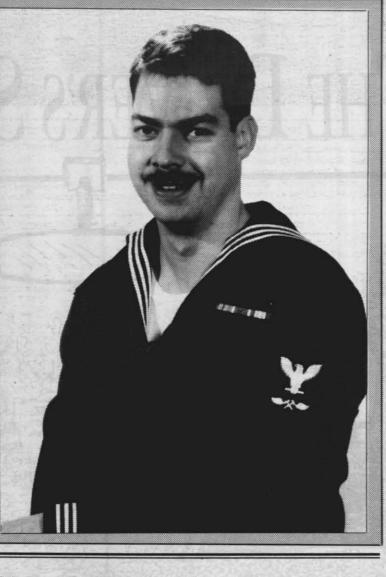
AME1 Manuel Duarte

March is Mental Retardation Month. Support the work of the Association for Retarded Citizens this month-today-call us at 375-9787 or see us at 216 N. Gold Canyon Dr.



Reno, Nevada 89502

(702) 825-4700



WACOM's lunch offers live music

SHE'S

HAVING

ABABY

89* + 00

1:20, 4:00, 6:40, 9:20

"IRRESISTIBLE".

- Gene Shalit. NBC-TV TODAY SHOW

CHER · NICOLAS CAGE

1:10, 3:50, 6:30, 9:10

1631 N. TRIANGLE DR. 446-7771

RIDGECREST CINEMAS

Present Company Trio, three women with a combined vocal and instrumental talent on guitars, string bass and an interesting assortment of rhythm instru- you think, Captain?" ments, will entertain members and guests at WACOM's luncheon being held oa March 8.

Handmade table decorations, created with flowers, tissue corn husks and the creative efforts of Babs O'Neal will bring the "feel of spring" to the group. The centerpieces will be available for purchase.

The social hour begins at 11 a.m. with the luncheon following at 11:30.

BROADCAST

NEWS

1:00, 3:40, 6:20, 9:00

1:10, 3:50, 6:30, 9:10

1:20, 4:00, 6:40, 9:20

EDDIE MURPHY

Rated R

MOVING

DOD mandates family advocacy

"I've got something I need your advice on. It's regarding BT1 Jones. but I need help with this one.

"BT2 Ahrene and another shipmate were at Jones' home two weeks ago. takes his command's support." Word got back to me that they bruises on his wife's face. Apparently, it a week ago.

without outside help.

advocacy rep at the hospital. What do

sions like these were nonexistent in han addressed as a serious problem concerned about abuse in the home met." and is attempting to do something positive in dealing with the problem. Family Advocacy Program has address the problems of both spouse over 1,400 new cases each month of and child abuse. The program takes an suspected abuse and neglect (spouse agressive stance in getting the atten- and child) Navywide. Approximately tion of suspected active duty abusers. 59 percent involve spouse conflict family advocacy program manager at Naval Medical Command, Washing- the nearest family advocacy represen-

\$1

Only At

208 Balsam St.

WASHINGTON (NES). . . "Sir," one likes to admit that he or she has a said the division officer to his captain, problem controlling their temper with their loved ones. It's a difficult problem to talk about and, as with a lot of He's one of my best people and that problems, the person who has the makes this real difficult to bring up, problem of being abusive is oftentimes the last person to recognize it. So to get him to our office for help

Reibling recently completed seven returned to the ship talking about years of duty as a family advocacy representative at two naval hospitals judging from some things Jones had He acknowledges that many service told them, they figured Jones must people initially view the Family have caused the bruises. I found out Advocacy Program as meddling in later from the Chief that Jones has personal business. "When the susbeen coming to work in an irritable pected abuser shows up at our door, mood and appeared to be taking it out he's usually a little upset that he had to on the men he supervises. Scuttlebutt come and see us," Reibling said. was that his marriage was on the "That quickly changes in most cases rocks. So I called him in to talk about as he realizes that we do indeed have his best interests at heart."

"I asked him how things had been Reibling recommends that a single going since we got back from the incident of abuse is sufficient reason Med. He said, 'Terrible.' Said he to warrant a referral to the family thinks his wife fooled around on him advocacy representative. "It only and that she didn't, as he put it, takes one abusive incident to perma-'respect' him anymore. We talked nently damage a relationship. If there awhile and I asked him if things had is a 'payoff' for the abusive act, that is, gotten so bad that he hit her. He said, if the person who resorts to physical Yes sir, I kind of lost it one night, but violence gets something he values -I'll never do that again.' I suggested like the lessening of tension that marital counseling at the Family Ser- results from the physical discharge or vice Center or the hospital, but he the spouse's compliance to demands wasn't buying any of that. Said he - then there is a very real chance that could handle the problem by himself the abuse will be repeated. Eventual ly, if this continues, the couple is like-"I'm not certain how far I should ly to take on fixed 'victim' and 'perpush it at this point and was wonder- petrator' roles and there is absolutely ing if I should refer this to the family no possibility for real growth in such a

relationship. It's all downhill. "Many of these folks were 4.0 sail-"Make the appointment for him and ors who feel that they can't afford to tell him he deserves to get some help." leave work for the appointment with Not too many years ago, discus- the family advocacy rep. That often turns out to be one of the issues our Navy. Spouse abuse was more involved in their abuse - they have likely to be the butt of a joke rather neglected to take care of their own needs. We help them learn and pracdemanding attention. Today's Navy is tice better ways of getting their needs

The number of cases reported to the The Family Advocacy Program is a increased dramatically over the years. DOD-mandated program designed to Reibling reports that today there are Lt. Cdr. John Reibling, MSC, the while 41 percent involve children. For further information regarding

ton, D.C., says the program has to be tative, contact your nearest naval aggressive because, as he puts it, "No medical treatment facility.

375-5071

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March 4, 1988

305 Business

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313 Personal HEY KIDS! Hear

375-5381. Story cha 317 Professio ALL TYPES of raquets professionally

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375-7534

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317 Professional

325 General Services

for an appointment, 446-5983

CREATE a bedroom fantasy for your child.

Have your favorite cartoon characters painted on your child's bedroom wall by experienced

artist or chose from hangings. Dining room and living room murals done also. Call Kathy

CUSTOM SEWING, and alterations. Call

GELO is back! The best Cuban chef in town is

cooking again at the Eagles Lodge. Turf n Surf, lobster, and porterhouse. Open to

members and guests. Friday night, March 4th.

HANDYMAN 30 Years experience, Free

estimates! Carpentry and painting, light plumbing and electrical, drywall and roof

will provide DJ services for any occasion,

tripping and waxing, free estimates. Call

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We Do All Around Work

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mates. 375-7913.

327613. 375-5945

at 377-5998.

377-5581

dances, wedding

372-4976, ask for Jerry.

CUT and Perm, \$28. Monday, Tuesday, and Thursday. Victoria's Hair Station, 133 Balsam, 375-7044. Donn, Marion, or Sharon. DEBORAH BREWER MARY KAY

INDEPENDENT BEAUTY CONSULTANT 446-6139

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a free bible story. nges every Friday.	C
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Call 446-4700 or stop by

DRAINAGE PROBLEMS? Call Chris

DRYWALL DOCTOR - Acoustic repair and

search papers, forms, letters. mailing and general typing. Call now, 375-9127.



333 Help Wanted TREE TRIMMING, topping and removal, stump removing, Lic. & Ins. Free esti-ASSOCIATES WANTED part time or full time, to help introduce Pre-Paid Legal Services and Shopper's Advantage for an exciting business. Send for information and free brochures. Write Jack, P.O. Box WEATHERSRIPPING SERVICE by icensed qualified installer. License 313, Independence, CA 93526. 337 Work Wanted

DAY CARE, full time, Monday - Friday,

new born to 4 years, reasonable rates. 375-9358.

EXPERIENCED Housekeeper. Call 375-9585 and ask for Debbie. Will work Mondays and Wednesdays NEED a babysitter? Need full-time child care

during the day? Call 446-4218 evenings. Child care in my home starting approximately 4/1/88

RESPONSIBLE mother to child sit your infant, age 2 and under. 446-6228.

341 Appliances

USED washer, Lady Kenmore, needs a belt, \$50 or best offer. 446-2164. patching, yard work and light hauling. All repairs guaranteed. Lic. # 930472. 353 Miscellaneous IT'S PARTY TIME and C&C Productions

For Sale

BALDWIN CABARET Fun machine machine, upright organ, beautiful cal excellent condition, best offer, Call 446-2274 after 5 p.m.



353 Miscellaneous For Sale

ALUMINUM mag wheels for sale, 4 lug, \$300 or best offer. 446-4768.

Rocketeer 21

GUITAR, Peavey T-15 with hard shell case. Natural wood finish. Excellent condition, \$300. 446-5486, please leave message. KING SIZE waterbed, mirored head board,

motionless mattress, heater and lining included, near new, \$300. 375-5124. KNIT KING Knitting machine with ribber and jac 40, all books and accesso

offer. Call (619) 378-2918 make after 6 p.m.



TUESDAY NIGHT MARCH 8 JD'S PRESENTS **A NIGHT IN HEAVEN** For The Ladies... with THE HOLLYWOOD HUNKS

As Seen on National Television, Videos, And Tours In Their All New 1988 Show

Come Meet Some Of California's Sexiest Men Don't Miss California's Most Professional Male Dance Show

> A NIGHT IN HEAVEN A Night To Remember

Doors Open 6:00 Showtime 8:00 Sharp

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KEIM'S EXECUTIVE Services. Typing to meet your needs. Resumes, 171's, re-333 Help Wanted BURGER KING is hiring cashiers for all

March 4, 1988



On February 4, 1988 CSU Chancellor Ann Reynolds and Board of Trustees Chair Dale Ride joined CSB President Tomas A. Arciniega in inaugurating California State University, Bakersfield.

President Arciniega and Vice-President Fred Dorer invite CSB graduates, students and friends to join them in celebrating this event at a University Day reception March 15, 1988 in the CPO Mess Ballroom at 4:30 p.m.

Please call Julie at NWC ext. 1387 by March 8 to make reservations

California State University, Bakersfield

The new "U"!

CSUB counselors to be at NWC on Friday, March 11

Academic counselors of Cal-State nistration and a master's degree in Bakersfield will be on Center March administration. Bakersfield also pro-11 to advise current and prospective vides math courses in other external students in the external degree prog- degree programs at NWC. rams offered by that school.

bachelor's degree in business admi- Cyndi Jones at NWC ext. 2648.

Those who wish to see one of the External degree programs offered academic counselors are asked to at NWC by Bakersfield include a make an appointment by telephoning

Professor Hriber of CSUN to be on-Center March 28

Professor Hriber of Cal-State Uni- engineering at NWC which lead to a ter's and bachelor's degree programs lor's degree. in electrical engineering offered by the school.

applied mechanics and mechanical NWC ext. 2648.

versity Northridge (CSUN) will be master's degree. CSUN also has an

Those who wish to see Professor CSUN has external degree prog- Hriber are asked to make an appointrams in electrical engineering, ment by telephoning Cyndi Jones at

on-Center March 28 to advise current external degree program in electrical leverage in an organization to cause and prospective students in the mas- engineering which leads to a bache- change

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Writing Competency Exam is Thursday

Writing Competency Examination ate students must have completed at The examination fee is \$12. students (both undergraduate and prior to taking the exam. graduate) and Cal-State Chico students (undergraduate) may satisfy the the Cal-State Chico course CSCI 172, Individuals interested should conwriting competency requirements by Systems Architecture, must pass the tact Cyndi Jones at NWC ext. 2648 to passing this examination.

On March 10 the Upper Division Cal-State Bakersfield undergradu- the course.

Those individuals planning to take writing exam prior to the beginning of arrange to take the exam.

will be given. Cal-State Bakersfield least 90 quarter units of college work Checks must be made payable to Cal-State Bakersfield.

personnel development opportunity

COMING FROM TIGHT TIMES based on the 24 steps for managing (VTOC) and HIPO documentation (16 hours)

April 19 and 20, Tuesday-Wednesday, 8 a.m. to 4 p.m., Train- MAC TECHNOLOGY: ing Center. By Roger Kirkham. Intended Audience: Managers and supervisors.

Objectives: All levels of government are being affected by budget tightening, cutbacks, increased competition, new technology and demands for better quality and lower costs. This course provides managers and supervisors at all levels with specific steps, techniques and methods for managing changes which must come to meet the demands for tight times. Participants will develop an actual plan for a change of their choosing.

Scope: Course topics are:

tion and change.

spite of reality.

3. How an individual can exert

change which include the following: 300 hours) •How to justify a need for

change: to making a change;

·How to justify what will be individually. improved by making a change;

trol during the change process;

implement and use the changes;

Deadline: April 6.

COMMUNICATIONS March 16, 0800-1130, Training

Center. By Chuck Jones. This is the first in a planned series

of classes on general Macintosh technology. In this communications class, most of the following topics will be and table handling. discussed, and wherever possible, demonstrated:

·AppleTalk theory, topology, hardware and installation;

·AppleTalk bridges and gateways; ·AppleTalk file servers (Apple Share, TOPS, ALISA);

·Mac-to-VAX communications;

•File transfers; Mac-Mac-VAX. The intention is to give students an introduction to Mac communication concepts, hardware and software, but not to cover them exhaustively. Students should have at least six months previous Mac experience. Deadline: March 14.

Self-Study

4. Twenty-four steps to manage a STRUCTURED COBOL (Plato, BETA video, 8 hours)

lum is divided into five courses as May, NAVWPNCEN. •How to eliminate indifference listed, with each course having sever-

5. Development by each parti- ing structured programs. It is impor- about in follow-up courses.

HOW TO MANAGE CHANGES cipant of an actual plan for change tant that the Visual Table of Contents properly reflect the program specifications and that the COBOL code properly reflects the documentation. **COBOL** Reports And Tables (101 hrs.) — COBOL programmers

requently are called upon to produce programs that print reports and process data in tables. This module covers formatting reports, control breaks

Structured Analysis And Design Concepts (20 hrs.) - Describes techniques such as top-down development that are used to design strucred programs

Validating, Sorting And Updating Sequential Files (124 hrs.) -Describes methods COBOL programmers use to process sequential files. After introducing sequential files, the course describes processing on them, which includes validatin data, sorting input and output records and updating contents.

Method: PLATO

Source: Training Center Enrollment Form: 12410/73

HOW THE TECHNICAL CODES DO BUSINESS (3/4", VHS, &

Open enrollment; self-study; Course Description: This curricu- Training Center, Room 100, By C.

Scope: This video-taped classroom al modules. Each course may be taken course is intended to better acquaint NWC support codes with the termi-Introduction to Structured nology, methods of operation, prob-•How to establish adequate con- COBOL (42 hrs.) - Includes a gen- lems and constraints of Center technieral overview of COBOL as well as cal codes. The course should be use-·How to identify and secure sup- descriptions of control structures, ful to new employees to help orient port from those who must authorize, compilation procedures, records and them to the NWC environment. It files, and COBOL arithmetic and gives an overview of the development, production support, and Fleet transition period should be managed; Structured Documentation (12 support phases, and makes no attempt •How to identify individual as hrs.) - Covers programming tech- to cover specific areas in depth. documentation is a means of design- that they may want to learn more



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March 4, 1988

emergency room:

could get into.

similar review.

tary medicine.

Criticism in the early 1980s of the quality of medical care in military hospitals led to quality-assurance initiatives. These included stricter reviews of doctors' credentials, licensing requirements for health care professionals and more careful monitoring of hospital procedures and

staff Despite these improvements, public and congressional criticism of military medicine continued, spurred on by a few highly publicized horror stories in the media. Dr. William Mayer, assistant secretary of defense for health affairs, ordered the review in August 1985 to get an accurate picture of medical quality.

•How the uncertainty of the editing features.

well as organizational resistance; and niques and documentation. Hierachi- Course material should be useful for •How to diffuse defensive cal Input Process Output (HIPO) identifying specific areas to students

Overview of current management thought on managing innova-2. How people's perceptions determine their reaction to changes in

Poison proofing is a health key

Military hospitals in the United States and overseas have the equipment and trained staffs necessary to treat poisonings. But prevention is much better than cure. Here are some tips that may help you avoid a call to the poison hotline or a trip to the

·Poison-proof your home if you have children or if children visit regularly by keeping poisons out of reach - preferably locked up.

·Poison experts no long consider the poinsettia plant toxic, but some other common houseplants can be. Poison-control centers and most garden shops can tell you which plants to avoid if you have young children. •Never put kerosene, antifreeze or other poisons in cups, glasses, milk or soft drink bottles. Never transfer poisonous products to a container without a child-resistant closure.

·Keep purses, briefcases and diaper bags closed when children are around. They may contain medicine, costmetics or other items little hands

·If you have children, don't leave alcoholic drinks around. After a party, empty drink glasses before you go



NEW OFFICERS—Members of the Indian Wells Valley Council, Navy League of the United States installed new officers recently. Capt. Eric Vanderpoel, II, Com- Judy Follis, Michael Follis, Bud Jungclas, P.J. Smith, manding Officer, Air Test and Evaluation Squadron John Polak, Margart Jungclas and John DiPol, outing Five (VX-5) was the installing officer. Bud Jungclas president. was named president for 1988-89 and P.J. Smith exec- Photo by PHAN Cary Brady

tive vice president. The officers for the year are (from left) Capt. Vanderpoel, Rich Supernaut, Lyle Franklin,

Civilian doctors measure military's quality of care

military medical care.

care "exceedingly high" as measured of care. by compliance with standards DOD officials said they "had to

Review Association hailed the proce- nal deaths. medical care as a model for future

The review results indicate the publicized incidents represented rare exceptions to the rule of high quality care. Civilian doctors found that

Civilian doctors have given their tary care failed to meet all standards The largest group of cases failing to military colleagues an "A" following set for care in only 3.5 out of 1,000 meet the defined standards involved a sophisticated worldwide review of cases, or 0.35 percent. They indicated hysterectomies; however, many of that figures for lower risk cases would these failures involved criteria that That is, they rated the quality of probably show even higher standards were later modified.

endorsed by a civilian physician spe- invent the wheel" to do the reviews. cialty group. However, it is difficult to The wheel they invented turned on compare military medical care with sampling 10 percent of all high-risk civilian medical care because the civi- cases handled by the military's 168 lian system has never undergone a hospitals each month. Cases studied included cancer, heart surgery, hys-The American Medical Peer terectomies and neonatal and mater-

dures developed to review military The sample cases were compared against criteria for care recommended peer reviews of both civilian and mili- by the appropriate medical specialty societies

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CAGE PLAY-Youngsters in this Youth Basketball League encounter stressed strong defense. The league ends its season this weekend.

ell Fortune. Suns 26, Nets 13 **Prudential-Bache**

Securities Susan D. Burton Account Executive Call for a consultation on any of your investment needs! **Prudential Bache Securities** 300 Esplanade Dr., Oxnard, CA 93030

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Youths end winter season

Teams in the NWC Youth Basket- points each and Jason Vanderslice one Mike Koelsch, Mike Hill, Seth ball League wrap up the 1988 winter tally in the loss. season with action this weekend. Awards banquets are also planned for all four division of the league.

weekend to end February's play. **Instructional Division**

Lakers 23, Runners 14

the winners while David Rollingson and Denny Waters added two each. Peter Greedy had one point. The Run-

the Suns won easily. Brian Armstrong The Rockets were paced by an eight- Junior Division Pacers 54, Eagles 32 and Seth Combs had the other tallies. point Howard Morton effort and six Nine players, led by Ross Lyons Matthew Girardot's six led the Nets from Neil Underwood. Robby and Tom Haleman with 13 each, while Daryl Blackman hit four points, Moran, Tim Viers, Jean Paul Escallier scored as the Pacers won big. Chuck LeBraden Blanche two and William and Jeff Paisano also scored. Cubit one tally.

Warriors 31, Bulls 12

ing keyed the win. Aaron Franich hit Moffitt and Chris Williams led the 10, while Kevin Means and Joshua Flames. Danny Hartley hit for seven Roberts had two each. Justin Martin tallies. Jerome Davis' 17 markers points while Jason Huff hit eight and paced the Bulls with seven points. paced the Huskies, who also got seven Kristina Koelsch added seven. Also Sam Miles and Lisa O'Niel had two from Steven Yoo. Also scoring were (Continued on Page 15)

700 S. Silver Ridge, Sp 11

Ridgecrest, CA

Jets 44, Stars 20 Josh Williams had eight points

Intermediate Division Cliffs 26, Rockets 24

The Cliffs overcame an early Rockpoints and William Reymond eight, son, Jesse Beitness and Justin Byrne. sheet.

Flames 32, Huskies 29

Seventeen points from Dan Dowl- along with eight each from Jonathan scored. No Eagles score sheet.

McDonald and Daniel Kelling Huskies 34, Cliffs 30

Jerome Davis hit 18 and Ryan Lilly while Kate George and Jennifer six for the Huskies' win. Also scoring All 26 teams were on the court last Rhodes hit six each for the Stars in the were Will Squire, Daniel Kellings loss. Patrick Ross dominated the game Tanisha Edwards and Jess Byrd. Joe for the Jets, hitting 38 points. Clint Mechtenberg's 11 points paced the Duff, Behrang Goodarzirad and Jim- Cliffs and Aaron Plugge added seven. Chris Branson's 18 points paced my Hutmacher had two points each. Also hitting were Cabral Williams, Jason Rollingson, Luke Woydziak, Roger Kroll and Josh Montemayer. Spurs 32, Celtics 18

ners were led by the play of Kevin ets' lead to grab the win. Seven points Tony Dominguez and Jeff Brown Moffitt, Nathan Michelsen and Mitch-from Joe Mechtenberg and six from C. hit 11 points each as the Spurs won Williams led the Cliffs' win. Also easily, Tim Clark and Shelbie Hansen scoring were Josh Montemayer, Bree with two each and Joel Hayens with With Michael Bachman hitting 10 Lewis, Willie Taylor, Joson Rolling- six also scored. No Celtics score

> Rowland, Mike Franklin, Herb Morton, Andre Staples, Mark Russell, Nine points from Daniel Rhodes Scott Richison and Will Irvin all

Lions 32, Hawks 29 Greg Greedy led the win with 10

Baseball deadline

Tomorrow (Saturday) is the final the China Lake fields from 10 a.m. day for youth, ages 6 thru 16, to sign- through 2 p.m. Teams will be started up and try-out for baseball this year. from scratch and all prospective ball

Since China Lake Little League players must try out and have their has joined with Indian Wells Valley skills evaluated by IWV Youth Base-Youth Baseball, it doesn't matter if ball officials. Players will be notified players played last year, all players which team they are on at a later date. need to register. Birth certificates are Practices and games will be held at required at sign-ups, which will be the Kerr-McGee Field in Ridgecrest held at the Pony League Field at the and the China Lake fields. Naval Weapons Center from 10 a.m. Anyone who needs more informauntil 2 p.m. There is a \$10 registration tion should call John or Duke Martin fee per player or a \$15 registration fee at C. Martin Company, Inc. at per family. 375-8464, or Tom or Karen Mather at per family.

Try-outs will be held at all three of 375-4710.

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Bakersfield Business & Administration Program

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March 4, 1988



CSUB and CSUC announce their upcoming schedules

offered this spring for the Cal-State (5 quarter units) Bakersfield Business (bachelor's April 7-June 9; Thursdays, Chico Computer Science Program Professor Seung BaeIm, CSUC.

degree) programs. To enroll in these Professor Rink, CSB.

REPORT WRITING (5 quarter ial and ethical problems.

1610-2110; Training Center. By graduate students. Professor Iyasere, CSB.

ing clearly and persuasively in techniand proposals, letters and tions and sequences; relations; recur-

master's degree program in trees.

April 7-June 9; Thursdays, Cal-State Chico. 1610-2110; Training Center. By Professor Graves, CSB.

Scope: Introduction to the legal al bookstores.

Note: This is a core course for the bachelor's degree program in Busi-

MKG 477: MARKETING IN THE **PUBLIC SECTOR (5 quarter**

April 4-June 13; Mondays, 1610-2110; Training Center. By Professor Guseman, CSB.

Scope: This course is designed to inquire into the unique problems involved in marketing facilities and professional talents, along with the by-products of previously funded projects. Emphasis will be made on intraagency marketing problems in which agency security is a critical factor and focusing on methods of predetermining or anticipating sponsors and federal departmental long-run needs in an environment of political, economic and social change. The course will be presented as a seminar with only an

HISTORY 450: THE ECONOMIC AND TECHNOLOGICAL HIS-

Ridgecrest, CA

Ron DeBaets, CLU

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619-375-7088

April 6-June 8; Wednesdays, education Goal XIII for CSB under- will be held.

Scope: Extensive practice in writ- MATICS (5 quarter units) April 7-June 9; Thursdays, cal and specialized forms such as 1610-2110; Training Center. By

reports of experiments, evaluation Professor El Ansary, CSB. reports, abstracts, business reports Scope: Logic and induction; func-

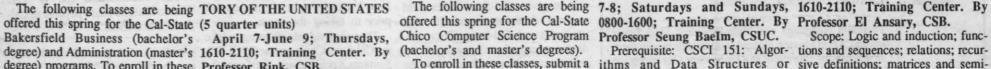
sive definitions; matrices and semi- 171. Note: This is a core course for the groups; counting; and graphs and

process, recognizing law as an instru- 2. Job-related courses other than cesses, constitutional protection for is expected to pay for the training. For individuals and government regula- more information, contact Cecil

Webb, NWC ext. 2648.



Note: This is a core course for all course. The development of micro-BA 370: LEGAL ENVIRONMENT options in the bachelor's degree prog- programmed control units is exa-OF BUSINESS (5 quarter units) ram in Computer Science through mined. The internal achitecture of a GENERAL COMMENTS 1. Textbooks are available at loc- tions of microprogramming includment of social and political control in those listed above must be approved maintenance are discussed. A comsociety. Topics include legal philoso- on an off-Center Training Request parison of a RISC architecture and a phy, judicial and administrative pro- (DD 1556) before registration if NWC microprogrammed architecture will



classes, submit an on-Center Training Scope: The history of the American Training Request & Authorization equivalent. Request (NAVWPNCEN 12410/73) economy from the colonial period to Form (NAVWPNCEN 12410/73) via Scope: An introduction to data base trees. via department channels to Code 094. the present. An exploration of the department channels to Code 094. management systems. Storage struc- Note: This is a core course for all Registration will be held in class at the changes that occurred in the evolution Registration will also be held at the tures, data-definition languages and options in the bachelor's degree progfirst class meeting. Deadline for from a single agrarian economy to an first class meeting. Deadline for data-manipulation languages for rela- ram in Computer Science through enrolling is 10 calendar days before industrial superpower. Special atten- enrolling is 10 calendar days before tional, hierachical and network Cal-State Chico. tion is focused on technological deve- the starting date of the class. Although approaches to data base management. ENG 577: TECHNICAL AND lopments and the concomitant mater- training requests will be accepted Text: TBA. after the deadline, that date will be CSCI 310: SOFTWARE METR- al bookstores. Note: This course satisfies general used to determine whether the class ICS AND CONTROL (3 units) CSCI 397C-3: MICROPRO-

MATH 477: DISCRETE MATHE. GRAMMING THEORY AND **PRACTICE (3 units)**

May 14-15, June 11-12, July 9-10, Saturdays and Sundays; 0800-1600; Training Center. By Professor Wear, CSUC.

Prerequisite: CSCI 151 and CSCI

Scope: The control structure of the CPU is the primary topic of this CPU is analyzed including its data paths, registers and timing. Applicaing basic instruction sets, instruction set enhancements and control unit be made.

Textbook: Microprogrammable Computer Architecture, by Salisbury, publisher, Elsevier. ISBN: 0-444-0174-3.

CSCI 273: DATA BASE MAN-AGEMENT (3 units) March 12-13, April 9-10, May

The following classes are being TORY OF THE UNITED STATES offered this spring for the Cal-State (5 quarter units) The following classes are being 7-8; Saturdays and Sundays, 1610-2110; Training Center. By offered this spring for the Cal-State 0800-1600; Training Center. By Professor El Ansary, CSB.

Cal-State Chico Computer Science Program

To enroll in these classes, submit a ithms and Data Structures or sive definitions; matrices and semi-

4-5; Saturdays and Sundays, 0800-1600; Training Center. By Professor George Arnovick, CSUC. Prerequisite: CSCI 210: Software

Engineering or CSCI 270: Systems Design or equivalent.

Scope: Software development: planning, cost estimation and control. Software metrics, configuration management and quality controls. Reviews and walkthroughs.

Text: TBA. MATH 477: DISCRETE MATHE-

MATICS (5 quarter units) April 7-June 9; Thursdays,

Scope: Logic and induction; funcgroups; counting; and graphs and

GENERAL COMMENTS

Textbooks are available at loc-

Job-related courses other than March 19-20, April 23-24, June those listed above must be approved on an off-Center Training Request (DD 1556) before registration if NWC is expected to pay for the training. For more information, contact Cecil Webb, NWC ext. 2648.



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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 (who may be referred separately when they apply) Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activi-ty within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualifications requirements by the closing date of the advertisement. Eva-luation of applicant's qualifications will involve using at least two assessment measures (e.g. work experience, annual performance assessment rating and narrative, education, training performance assessment and awards). Spouses of military sponsors apply at Room 231, same

address as shown below. HOW TO APPLY: Submit the following: a current application, SF-171 or other Personne Department pre-approved form; and a copy of your most recent annual performance assess-ment narrative (note: a copy of your performance plan should be attached if the annual perfor-mance narrative description does not clearly state the tasks/duties performed). A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all applica-tion materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12334/2, 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 qual-ifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and an original signature in ink on the last page completes the application. Civilian Spousal Program Eligibles must submit a copy of their sponsor's PCS orders with each application. Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applica-tions received after 4:30 p.m. on the closing date will not be considered. Applications are retained in an announcement file and cannot be returned or filed in personnel folders. The

retained 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 discri-mination for any non-merit reason.

Agent, DG-1105-1/2, Codes items, and receives visitors and 25221/25222/25223/25224 - telephone calls. Uses a wide variety Incumbent will purchase a circle of guidelines including DoD and range of materials and services and at Navy Acquisition Regulations the DG-2 level is expected to boods. Job Relevant Criteria develop contracts that deviate from for DG-1: Knowledge of standard features. Incumbent reviews correspondence regulations and incoming requisitions for adequacy contractual terminology; ability to of documentation, description, meet with people effectively and funding and approvals. Many priortize work under heavy workload purchases require special advertising conditions; ability to type. At the and incumbent must be familiar with assistant level, the incumbent assists regulations pertaining to such Contract Specialist in the purchases. Job Relevant Administration of complex contracts Criteria for DG-1: Knowledge including monitoring performance of business practices; ability to and negotiating and writing communicate orally; ability to work modifications. Reviews contract under pressure. Job Relevant files for proper format, Criteria for DG-2: Knowledge documentation and input into (Typing), DG-318-1, Code of small purchase procedures and automated information processing 3355 - Incumbent will provide No. 39-005, Secretary negotiation techniques; successful systems. Maintains extensive clerical and administrative support to (Typing), DG-318-1/2, Code completion of defense small statusing of actions items for the Air Weapons Fuze Branch 3942 - Provides secretarial support purchase class; knowledge of section. Job Relevant Criteria located in Salt Wells. Knowledge of to the Air-to-Surface Guidance modifications required for working for DG-2: Knowledge of Federal word processing systems desirable. Branch, Electro-Optics Division of with FAR, DFAR, and SUPARS; Contract Procedures; ability to read Promotion potential to DG-2 but the Weapons Department. ability to deal effectively with and correctly review contracts; not guaranteed. Status eligibles may Promotion potential to the DG-2. people at all levels. Promotion organize file documentation; potential to the DG-3 level, but not priortize and process in an orderly guaranteed.

Assistant, DG-1106-1/2/3, of Federal Contract Procedures; (Multiple vacancies in vari- ability to compile data and ous branches of the procure- information for negotiation; ability ment group) - Incumbent is to assemble more complex contracts. responsible for providing clerical Procurement Clerk (Typing)/ support in the form of typing Assistants have promotional (utilizing Xerox 860 Word potential to DG-3, however not Processor), filing, compiling data, guaranteed. Status eligibles may Aid, PS-189-1, \$3.85ph, Incumbent is required to work maintaining logs, and performing apply.

No. 25-001, Purchasing correspondence and suspense action manner, multiple tasks simul-No. 25-002, Procurement taneously. Job Relevant Clerk (Typing)/Procurement Criteria for DG-3: Knowledge

Controllers. Sets pace and potential WG-6.

Job Relevant Criteria: Interdisciplinary (General/ Applied knowledge of the trade; Mechanical/ Electronics/Elecknowledge of pertinent materials; trical/ Aerospace Engineer knowledge of pertinent tools and Computer Scientist), DPequipment; ability to act as a group 801/830/855/850/861/1550-3/ leader; ability to interpret 4, Code 3561 - This position is instructions. A Supplemental that of Head, Software Development Qualifications Statement is required. Branch. Incumbent directs a Promotion potential WL-10.

ment is required. Promotion guaranteed.

demonstrates proper work methods. No. 35-002, Supervisory multidisciplined staff which provides No. 26-005, Custodial development of embedded software Work Inspector, WG-3566-6, and software simulations for Code 2671 - This position is electronic warfare applications. The located in the Quality Assurance branch is currently involved in Branch, Service Contracts developing software for the HLCS Management Division, Public guidance section and REWS Works Department. The incumbent simulation software. Job Releis involved with the definition and vant Criteria: Knowledge of application of quality assurance embedded/simulation software and plans and techniques for Facility structured development process; Maintenance Contracts. The ability to perform as a first-line incumbent coordinates inspection supervisor; ability to plan, organize, and the acceptance of maintenance coordinate, and manage a technical services performed by the contractor. program; knowledge of affirmative Job Relevant Criteria: action principles and a willingness Knowledge of different relevant lines to support EEO programs; ability to of work; ability to work with others; communicate orally; ability to ability to meet deadlines under communicate in writing. Incumbent pressure; ability to inspect; ability may have to serve a one year to interpret instructions, specifica-tions, etc. (other blueprints). A DP-3 level, has promotion to the Supplemental Qualifications State- DP-4; however, promotion is not

Personnel

News & Notes

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are gen-erally similar. Secretaries serve as the principal clerical and administrative support in the designated organi-zation by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge 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) ability to perform receptionist and telephone duties; (2) ability to review, track, secreen and distribute incoming mail; (3) abili-ty to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical of the office; (7) ability to in clerical personnel and organize workload of clerical staff processes; (8) abil-ity to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

nd to arrange conferences.

and to arrange conferences. Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements '/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; 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 PER-SONNEL BUILDING.

No. 33-003, Secretary apply.

Non-Appropriated Funds

The following vacancies are not Civil Service positions. These positi The following vacancies are not Civil Service positions. These positions are paid for from non-appropriated funds and are administered in accordance with policies established by the Department of Defense. Persons selected for these positions have no Civil Service status and are not eligible for appointment to positions in the Civil Service. Persons interested in applying for these positions should fill out a standard application form (SF-171). Applicants need not be presently employed in a Non-Appropriated Fund Instrumentality (NAFI) position, nor must they be employed at the Naval Weapons Center. The SF-171 should clearly be marked "NAFI" on the top and should have the appropriate announce-ment number listed in Block 1 on the form. Completed applications can be delivered to Room 100 or to Room 120 in the Personnel Building or can be mailed to: Naval Weapons Center, Personnel Dept. (Code 096), ATTN: NAFI Service Team, China Lake, CA 93555.

regular part time, Code 2226 outside and must be able to work on follow-up on action item suspense No. 26-003, Shop Materials - This position is located at the weekends and holidays. Work dates for a wide variety of contractual Control Leader, WL-4701-10, Golf Pro Shop, China Lake Golf schedule: Ave 30 hours per week actions. Maintains instructions and Code 2611 - Works directly with Course. Incumbent will maintain with split shift. This is not a civil FAR Clause books, reviews and leads Shop Materials golf carts, collect balls from driving service job.

No. 22-8808, Recreation range and maintain ball machine.

Reassignment opportunities

This column is used to fill position through reassignment only. For this reason, the Reassignment Opportunity Announce-ments are separate from the Promotion Opportunities column in the Rocketeer pplications will be accepted until the dat stated in the announcement. Employees whose work history 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 mation concerning the recruitment and 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 perso whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 31-012, Interdisciplinary (Physicist/Mathematician/ Computer Scientist) DP-1310/1520/1550-2/3, Code 3111 - This position is in the A-4M/AV-8B Facility Branch. The branch develops, operates and maintains the A-4M/ARBS Weapon System Support Facility (WSSF) and the AV-8B WSSF consisting of three avionics workstations and a real-time simulation running on several DEC VAX 11/785 computer systems. The Simulation Software Engineer specifies, designs, implements, tests, documents and maintains real-time simulation software written in Fortran, presents code reviews and walk-throughs and supervises junior professionals. To apply for this position, forward a current SF-171 to V. Eyre, Code 31102, NWC ext. 5651.

No. 35-003, Interdisciplinary (Electronics Engineer/ Computer Scientist/ Physicist/Mathematician), DP-855/1550/1310/1520 - 2/3, Code 3512 - This position is located in the EW Analysis Branch. Systems Analysis Division. Electronic Warfare Department. The incumbent will be involved in the development and operation of the Strike Electronic Warfare Simulator (EWS). Experience in EW equipment analysis and/or design and knowledge of software/computer engineering principles is desired. The incumbent will be expected to communicate clearly, work independently and clearly document accomplishments. To apply, please send current SF-171 to Barry D. Show, Code 3512, NWC ext. 3066.

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

Rocketeer

March 4, 1988



BREAKAWAY—Going up for a shot on the business end of a fast break, a youth loop player picks up two points.

Youths' game. .

(Continued from Page 14) scoring were Tom Foisey, Joe Ernst, Quannah Driver and Miles Ross. Scott Ross led the Hawks with 16 points while Rhy Thorton hit four points. David Renner, James May, Chris Drinnon and Wes Mouw also scored. Clippers 30, Jazz 30

In another tie game, Casey Smith led the Clippers with 11 points while Josh Morehead hit nine. Jim Randolph and Chris Shoaf had four points each and Jon Nyland hit two points. No Jazz score sheet. Senior Division

Bullets 101, Kings 29 The Bullets ran off with this one. Ron Schiller had 27, Chris Armstong and 23 and Clint Parish and Russ Fowler had 13 each. Chris Stuart had 10 while Rusty Ricker had seven. Jimmie Pearl hit six and Bryan Baker two. No Kings score sheet.

Clippers 31, Mavericks ?? Tim Seufert's nine-point effort led the Clippers. Cory Moorehead added eight markers. Alex Beltran and Brian Perez had four each while Eric Hillewert, Bobby Puckett and Mike Hargett had two points each. No Mavericks score sheet.

Early trout season begins

only fish biting were trout that had are March 4, 17, and 30. been planted at the lake.

still illegal to take live bait from any other lake to bring to Lake Isabella to

For catfish, use mackerel or anchovies, or, for the smaller cats, use worms

The 20 limit on catfish has also been lifted.

Trout are being planted in the Kern

Prospect Park Village Now Renting

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Glorious weather brought lots of River from the powerhouse above left enjoying the Owens River. anglers to Lake Isabella last weekend, Kernville through Kernville, the lake but, alas, the fish were underwater itself, and on the lower Kern at and didn't see that the weather was Democrat Hotsprings, Hobo Flat and springlike. The water is still cold. The other spots. Planting dates for March

To get ready for the Eastern Sierra As of last Tuesday (March 1) reg- early trout fishing season opening this ulations regarding bait fishing at Lake week, brood stock was planted in the Isabella changed. It is now legal to Owens River from Pleasant Valley use live freshwater bait, provided Reservoir down to the Big Pine and lake itself or is purchased from a bait weighed 3 1/2 pounds, with many these, there are still oodles of them \$19 this year.

The Eastern Sierra early season opens tomorrow. This includes streams from Independence Creek south The Owens (south of the Pleasant Valley Reservoir) is open yearround as is the reservoir and Lake Diaz

Department of Fish and Game wardens remind anglers that it's a lot that the bait is either dipped from the south. The average trout planted cheaper to buy their fishing licenses than to take a chance on getting store. Authorized bait include golden going up to 5 pounds or more. caught and ticketed. Any ticket this shiner, shad and mosquito fish. It is Although local anglers caught a lot of year costs. The resident license fee is



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Corrections have been made to the

second week schedule of the Embed-

ded Computing Technology (ECT)

Symposium, which is being held at

This is the third annual ECT sym-

posium hosted at NWC. The sessions,

all scheduled at Michelson Lab, are

open to any NWC employee as well

as technical monitor-approved con-

tractor personnel. Symposium ses-

Questions regarding this agenda

may be directed to Mrs. Jane Dobber-

puhl at NWC ext. 4800/5674 or

sions begin at 7:30 a.m. daily.

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the Naval Weapons Center.

March 4, 1988

SPECIAL RECOGNITION—Personnel in

tems Department were recently recog-

nized by the Chaparral/FAAR Project

Office of the U.S. Army Missile Com-

mand, Redstone Arsenal, for their

efforts in support of Chaparral/FAAR, A

plaque and individual certificates were

Software Metrics Using "AdaMeasure" Lt. Karl Fairbanks, USN, Code 3922

FORTRAN through Ada Eyes; a Practitioner's View David Pogge, Code 64414

A Pro Forma Computing Architecture for Ada George Smith, Code 3605

Attendance is open to all NWC employees and Technical Monitor-approved contrac-

tors. Questions regarding this agenda may be directed to Mrs. Jane Dobberpuhl at Extension 4800/5674 or GSSF::DOBBERPUHLJ.

For All Your Bicvcle Needs!

Ridgecrest.

Afternoon1300-1430, Conf Rm B&C, Michelsen Lab

Afternoon Session1300-1630, Conf Rm 1, Lauritsen Lab

Language Panel: FORTRAN 77/8X vs Ada for Real Time Programs

March 4, 1988

retirement plan.

lowing criteria:

retirement plan during the year, income. maintained retirement plan and the an IRA.

Large trucks (10,000 pounds gross basis, trucks appear to have fewer These facts appear in an Insurance vehicle weight or greater) are a major crashes than cars. The reason is Institute for Highway Safety study safety problem on the nation's high- because they travel predominantly on conducted in Washington state over a ways. They are involved in about 6 interstate highways, which are low- two-year period. To order a copy, percent of all police reported crashes risk roads. However, even when car write to Publications, Insurance Instibut account for 12 percent of all fatal and truck crashes are compared on the tute for Highway Safety, Watergate crashes. Each year about 4,800 peo- types of roads having a higher risk, 600, Washington, D.C. 20037, and ple die in truck crashes, and almost 75 trucks have higher crash rates. In ask for "Crash Involvement of Large percent of these fatalities are people recent years, both the number of Trucks by Configuration: A Casein other vehicles. crashes and the percentage of fatal Control Study." Copies are free. Trucks are over-represented in crashes involving large trucks have - Naval Safety Center severe crashes, but on a per-mile been increasing.

tic international folk dancing tomorrow when the China Lake Desert Dancers host the 13th annual folkdance festival, Lech Lamidbar (Let's Go to the Desert). The festival will be on from 1:30 to 4:30 p.m., and from 8 p.m. to midnight at the Burroughs High School multiuse room. Tickets for the afternoon are \$2 per person, and for the evening, \$5.



Embedded Computing Technology Symposium

7 MAR Management of Large Software Intensive Systems • 0800-1130. Rm 1000D. Michelsen Lab

Structured Real Time Documentation, Test and Development of a Large Software ... Terry Moore, Code 31141 Application of Software Clean Room Dr. Fritz, IBM, Owego The CCAPS Software Reuse Strategy and Experience Peter Luckey, IBM Owego

Afternoon 1300-1630, Conf Rm B&C, Michelsen Lab

Technology Transfer in a large Aircraft Company Paul Gartz, Boeing Commercial Aircraft Co.

8 MAR Computer Aided Engineering Tools • 0800-1130, Rm 1000D, Michelsen Lab

Software Engineering Workstation for Avionics Software Engineering Environment Commonalty for Next Generation Aircraft Software Engineering Environment Commonalty for Next Generation Aircraft Jay Crawford, Code 31C

Dick Nuckles, Code 31C

Kindergarten registration set

Introduction to Neural Nets .

10 MAR ' Architecture II

• 0800-1130, Rm 1000D, Michelsen Lab

Parents of students who will be or before December 1. attending kindergarten in the Sierra The State of California requires is needed). The Public Health Depart-Sands Unified School District in Sep- children entering kindergarten to ment is located at 250 W. Ridgecrest tember need to be aware that kinder- have a series of immunizations. A Blvd., Ridgecrest. The next immunigarten pre-registration will be held written immunization record must be zation clinic will be held on Monday, after Spring vacation. Spring vaca- presented at the time of registration March 7. tion will be March 28-April 1.

dergarten for the 1988-89 school, with their immunizations, an appointchildren must be five years of age on ment to register for kindergarten can

XXXXXXXXXXXX

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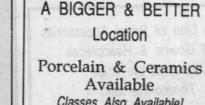
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To be eligible for entrance into kin- date. If children are not up to date

not be made.

Immunizations may be obtained day of each month from 8:30 to 11:30 was before first birthday).

133 Panamint St.

a.m. and 1 to 3 p.m. (no appointment

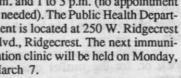
Department are held on the first Mon- -1 dose (one more if original dose

- Bicycles -

Skateboards -

375-4202

Bike Repair

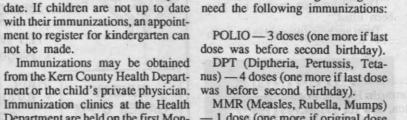


..... Lee Lucas, Code 31C

. Keith Kohout, Code 3922

. Dave Andes, Code 390X

and immunizations must be up to All students entering kindergarten



Rocketeer 17

Tax law affects retirement

IRA. The new eligibility requirements income reaches \$35,000 (\$50,000 for United States. are based on the size of the taxpayer's a married couple), no deductions are Other basic tax rules concerning

IRA contributions (\$2,000 or 100 per- deductible contributions to a new or extensions. cent of compensation, whichever is an existing IRA. As with the earnings Taxpayers who withdraw funds

married couple, either spouse) is an employee contributions and the to an IRA. active participant in an employer- purchase of gold and silver coins for Additional information concerning

married couple, either spouse) is an for the spousal IRA contribution.

The Tax Reform Act of 1986 active participant in an employer- The new law repeals the IRA included significant changes affecting maintained retirement plan, the maxi- deduction previously allowed for volindividual retirement arrangements. mum allowable deduction for contri- untary employee deductible contribu-The new rules, which generally butions to an IRA will begin to phase tions to a qualified plan. Also, begintook effect on Jan. 1, 1987, include out when the adjusted gross income ning in 1987, taxpayers are allowed to new eligibility requirements for indi- reaches \$25,000 (\$40,000 for a mar- establish an IRA by investing in cerviduals who claim deductions for an ried couple). When the adjusted gross tain gold and silver coins issued by the

adjusted gross income and whether allowed for IRA contributions. IRAs have not been affected by the the taxpayer is an active participant in While many taxpayers may have new law. Taxpayers may continue to any type of employer-maintained their deductible IRA contributions establish or contribute funds to an reduced or eliminated due to the new IRA at any time during the tax year Under the new law, taxpayers can eligibility requirements, they will be and the following year, up to the due claim the maximum deduction for able to continue making non- date for filing their tax return, without

less), only if they meet one of the fol- on deductible IRA contributions, any from an IRA before age 59 1/2 are earnings realized on non-deductible required to pay an additional 10 per-•The individual is not an active par- IRA contributions are not taxed until cent tax, unless the withdrawal was ticipant (or in the case of a married distrubted to the taxpayer. This nor- due to the death or permanent disabilicouple, neither spouse is an active par- mally happens at retirement, when the ty of the taxpayer or was due to a ticipant) in an employer-maintained individual may have a lower taxable return of non-deductible contributions. Taxpayers may also continue to regardless of the amount of the tax- The new law also includes changes make tax-free rollovers, either from payer's adjusted gross income; or in the rules concerning spousal IRA one IRA to another or from an •The individual (or in the case of a deductions, qualified voluntary employer-maintained retirement plan

the new rules affecting IRAs is contaxpayer's adjusted gross income is The spousal IRA provisions have tained in IRS Publication 5901, Indiless than \$40,000 for a married couple been changed to eliminate the require- vidual Retirement Arrangements or \$25,000 for a single individual. ment that the spouse have no compen- (IRAs). Taxpayers can obtain a copy If an individual (or, in the case of a sation in the year in order to be eligible of the publication by writing their IRS office or by calling 1-800-424-3676.

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(Ed. note: China Lake and Ridgecrest are part of the service area covered by the Antelope Valley Chapter of the American Red Cross.) Dear Editor:

I remember reading, not too long ago, an article of how a group of young men and women from Brown University in Providence, Rhode Island had spent their summer transforming a garbage-strewn lot in a devastated area of South Bronx into a beautiful little city park-with the enthusiastic help of local residents who had never seen ivy, much less Ivy League schools.

What left me completely enthralled was the account of how these young sons and daughters of privilege had spent their summer vacation trying to bring some cheer and helpfulness into the lives of others.

It caused me to reflect on what are the roots of the strong spirit of volunteerism that we enjoy here in America, and I think they go deep into the sense and strength of the individual that have always characterized our nation.

It seems almost contradictive! We prize our individuality, but we express it through service to community. I am not sure it is a contradiction, but perhaps simply an irony, and I'm content to let philosophers wrestle with the question. I do believe many of us are a little overwhelmed by modern life and the complexities of the age in which we live. Our whole world seems threatened by forces beyond our understanding and our individual control. We read sickening accounts of malnutrition in Africa and Asia as a byproduct of political rivalries. There are deadlocks in discussion about disarmament that the average citizen can't hope to comprehend. The pros and cons of the new tax bill leave us befuddled. Every day huge, impersonal institutions seem almost determined to denigrate us as individuals.

We're left asking anguished questions: Where do I count? How do I cope? Can I somehow make a difference?

This is where I think our glorious spirit of volunteerism comes into play. Suddenly some of us see that by concentrating on ourselves - our time, our abilities, our understanding and compassion, we can count. We can make a difference. This describes well the Antelope Valley Chpater, American Red Cross volunteer

There is a belief that if each of us can't change the world, we can change at least a piece of it. And, if enough of us join the efforts, we will see success.

Help make that difference. Become a member of the American Red Cross.

Fran Stewart **Executive Director** Antelope Valley Chapter



Large trucks are problem

Folk dance festival

Residents of the Indian Wells Valley will have an opportunity to see authen-

Further information can be obtained by telephoning 375-6227 or 375-4395.



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8-March, 1988 Rocketeer Automotive Section

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(L-R) Frank Klassen, Bob Dunfee, Jim Armstron Jim Harper, Dale Moore (not pictured)

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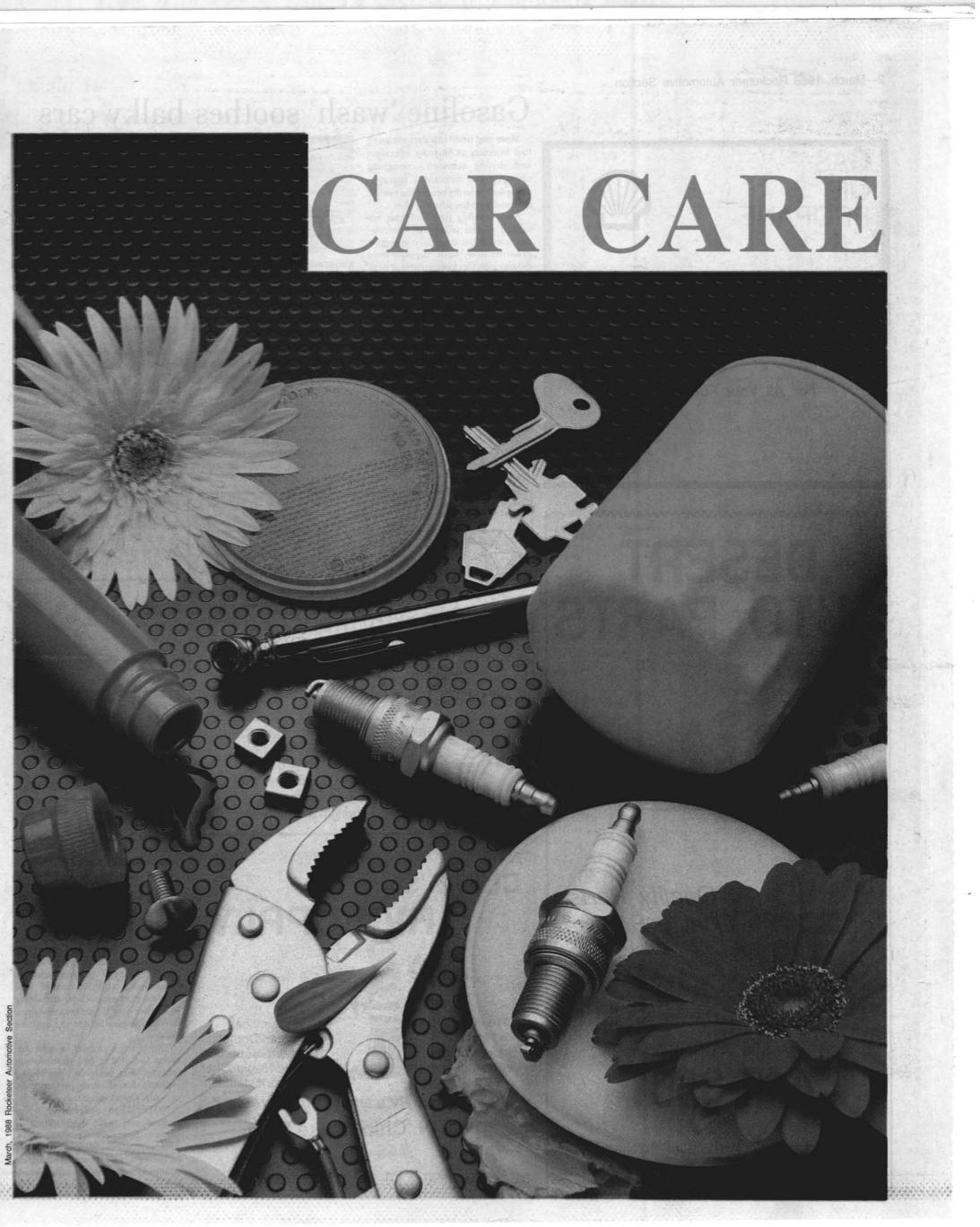
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Parts Dept.

(L-R) Dick Rausch (Mgr.), Fred Etoch III





Gasoline 'wash' soothes balky cars

fuel injectors to improve operation and driving economy, consigning carburetors to automotive historyalong with running boards, the rumble

vanced engine technology-petroleum science has developed detergent gasolines that "wash" deposits from the tiny injectors to keep them at peak

about the size of your thumb-spray a poor starting, rough running, uncertain fine mist of gasoline into the cylinder's intake "port." This provides better mixing of gasoline with air than the

The results: smoother operation, better acceleration, more efficient use

can form at the injector's tiny opening. the width of a human hair around the nail-like valve in the center of the injector's "nozzle." This could cause the gasoline to spurt in ragged streams



BOOSTING POWER, fuel injectors feed gasoline into cylinders of this endurance-racin Corvette, a "showroom stock" car like those you can buy from your dealer.

acceleration

In an industry-leading development, Mobil researchers devised a powerful package of detergent ingredients for gasoline. Working much like the compound you use in your dishinjector surfaces under the deposits and floats them away.

gasoline now marketed as Mobil Super Unleaded Plus, ran tests in stationary cars "driven" on rollers. ead of a fine mist. You could get Computers imposed varying load

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-speeding up the cars or "a highway," taking them "up hill," driving them in "stop and go city traffic

In a typical finding in such tests. reported the reseachers to the Society of Automotive Engineers, an injector washer, the detergent coats engine 21 percent clogged-to the point where performance was noticeably affected-was only 3 percent clogged The researchers, using an advanced after two tankfuls of the high-tech gasoline. One result was significant improvement in acceleration to high way speeds

> By the way, if you don't want to ask Dad or Grandpa, running boards aong each side of the car joined front and rear fenders, and eased stepping nto the car. And fold-out rumble seats in the back of a "roadster," where the runk appears today, gave a guy and nis girlfriend a breezy ride. O



Tune up that engine

sion seems to be taking longer than usual to shift through its gears, you may need a tune-up rather than transmission service. A "slick" engine, according to Car Care Council, can cause a transmission to hesitate in lower gears and downshift.

The reason, says the Council, is that when the engine needs a tune-up, having lost some of its pep and performance, it will have to work harder to climb a hill, accelerate or otherwise operate under load.

This extra demand on the engine causes a decrease in engine vacuum. Vacuum is one of the main factors in transmission shifting control. The transmission responds by remaining in a lower gear longer or, sometimes downshifting to lighten the engine's burden

This sensitive interrelationship between the engine and transmission requires that both be functioning properly for efficient performance. says Car Care Council.

NOTE: High under-hood temperatures can cause deterioration of vacuum hose with resultant leaks. This can affect other components including cruise control, heater/air conditioner controls, retracting headlamp doors and the various mechanisms that affect engine operation.





Spring check up:

Return your car to peak performance

shadow of winter, having overcome are in need of recuperative mainten- now in preparation for spring precipi-

than peak performance-until it receives a little special care and treat-

According to engineers at Champion Spark Plug Company, checking a nants in the gasoline tank are prefew key areas, and performing service if needed, is what the car doctor would order for your four-wheel patient. The treatment-which comes in 8-ounce check-up and prescription list should nclude

ENGINE TUNE-UP. Restoring the engine to full operating performance is usually required after thousands of miles of hard driving during the winter months. Adjustments to timing and carburetion should be checked, new spark plugs installed, oil changed, battery analyzed, and spark plug wires and battery cables

FILTER REPLACEMENT. A number of filters are placed in every car to results keep various systems clean. After during the winter weather, they are probably ready to be changed. The oil filter should be replaced at the same time the oil is changed. A clean air forget the fuel filter, which is often smooth-running engine.

rement for safe driving. Winter correcting these deficiencies.

items.Check your windshield wipers. the challenges of foul-weather driv- If they are torn or if they are not ing, several components and systems producing a clean wipe, replace them tation. Examine all lights and turn Your vehicle may indeed be subject signals, and fix those not working to post-winter blues-that is, to less properly. Fill your windshield washer reservoir and make sure the washers are functioning correctly.

FUEL SYSTEM TREATMENT. Accumulation of dirt and contamivalent after winter driving. Help clean the fuel tank and lines with gas bottles and can easily be poured into the tank-on a few of your nex gasoline fill-ups. Newer cars with fuel-injection systems often experience clogged injectors, which-sometimes unknown to the driver-will hinder fuel economy and gradually decrease performance. A bottle of fuel-injection cleaner poured into the gas tank can prevent such problems In cars with traditional carburetors, the addition of carburetor cleaner to the fuel tank will provide the same

TIRE CARE. Examine your tires performing the tough cleaning task carefully after winter. They have endured much during the previous few months, and good traction will also be valuable during the driving ahead Look for cuts, scrapes, and bulges. filter will help your car "breathe" Check the tread. If notable problems better as spring approaches. Don't are found, consider replacing the tires before summer. Winter driving also neglected, but very important for a might have caused tires and wheels to be out of balance or alignment. Do VISION CHECKUP. Anything that the wheels pull in one direction or helps insure good visibility is a re- another? Spring is a good time for



weight instead of the 10W-40 which has been the standard for years.

125

When buying an unfamiliar brand take a close look at the label on the container. Compare that information with the recommendations in your owner's manual. Some of the new turbocharged four cylinder engines will require a type of oil somewhat different from that which is used in an older V-8.

A "bargain", substandard oil or oil filter (which also must conform to manufacturer's specifications) can turn out to be very expensive when it leads to engine failure.

The "warranty war", as it is called in automotive circles, has brought impressive power train warranties to the car buying public. These have been possible partly as a result of advancements in technology which have extended component life. Now, with about double what it was ten years ago, owners are keeping their vehicles longer than ever before.

Warranties notwithstanding, autoscientious owner maintenance, reminds Car Care Council.

A vital factor in assuring long.

Clean oil extends engine life

trouble-free engine life is keeping oil emphasizes the Council, providing they are deposited in the filter. port the majority of their business protection as well. motive longevity still demands con- comes from high mileage drivers who. becoming careless, run cars too far without changing oil.

Oil is the lifeblood of the engine,

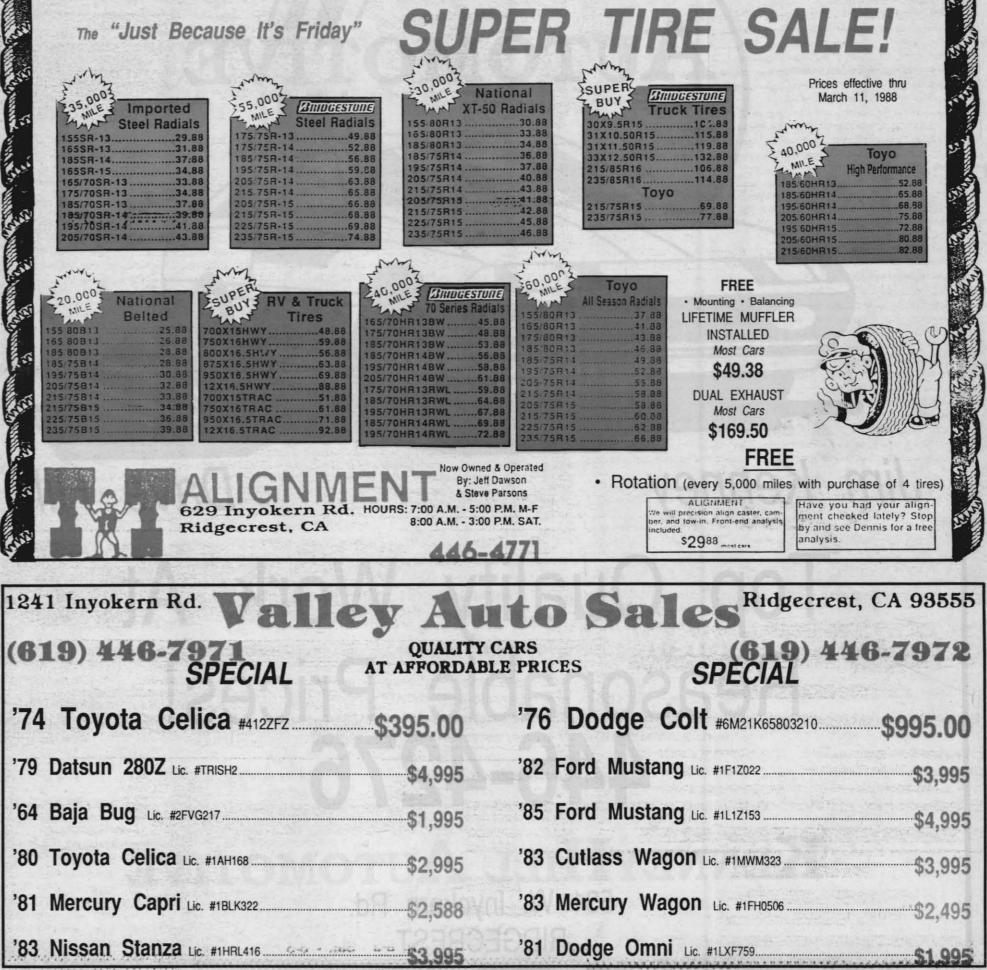
the average car priced at \$13,000, clean and up to level. Neglecting to more than lubrication for the engine. change oil and filter is by far the Among its other functions it cools biggest cause of premature engine internal engine parts and a good failure. Many engine rebuilders re- quality oil provides anti-corrosive

The detergent additive found in most motor oils is an effective cleaning agent that holds minute particles of dirt and grit in suspension until

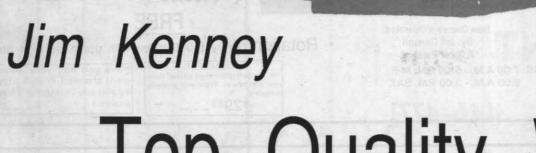
For this reason the filter should be replaced each time the oil is changed thereby avoiding contamination of fresh oil with the contents of the old filter.

Oil Grade

Be sure you are pouring the right grade of oil into your engine. Many new cars, for example, require 10W-30



4-March, 1988 Rocketeer Automotive Section



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