

What the military did for your hair, we'll do for your air fare.

50%
off military
air fares.

American Airlines offers military cuts of a different kind—half off your air fares. Now active-duty military personnel and dependents can save 50% or more off full Coach prices on flights to any of over 200 American and

American Eagle® destinations in the contiguous 48 states. We've also cut the restrictions. You won't find blackouts, cancellation penalties or advance purchase requirements on these fares. And all you'll need is your active military or dependent I.D.

So when you're ready to take off, contact your SATO, your Travel Agent or American Airlines at **(800) 433-7300**. We think you'll appreciate our kind of military cuts.

American Airlines
Something special in the air.™

Passenger must present green active-duty military I.D. or tan dependent I.D. marked "active." Discount does not apply to official military travel. Military fare seating may be limited. Children under 12 must be accompanied by active military passenger or dependent 12 or older. American Eagle® is a registered service mark of American Airlines, Inc., and is American's regional airline associate.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 48/December 1 1989

Special holiday luxuries delivered by MRW

China Lake military, civilians, children offered numerous opportunities for enjoyment during this Christmas season

Christmas is coming and Morale, Welfare & Recreation personnel have planned a series of holiday opportunities for military and DoD personnel.

During the month of December, active duty military members can have their photographs taken at the Seafarer Club for a special card designed especially for the holiday season to send home to family and friends. Cost is only \$1, which includes mailing.

Children of all ages are invited to write Santa Claus in care of the Youth Center. All children writing Santa will receive a personal reply from him. Letters should be brought to the Youth Center Monday

through Friday from 8 a.m. to 5 p.m. through Dec. 16. Or, mail them to Santa Claus, Commander (Code 22951), China Lake, CA 93555. Please include a self-addressed, stamped envelope with each letter.

Halls Memorial Lanes is hosting a Toys-for-Tots bowling tournament during December. Cost is only \$3.75 and a donated toy to participate. For further information on this event, call NWC ext. 3471.

The Seafarer staff is still accepting donations from other MWR activities and Ridgecrest merchants to stuff red holiday stockings. These will be hung on BEQ doors on Christmas Eve for military mem-

bers for that extra special holiday feeling. To make donations, call the club at NWC ext. 2581.

Don't forget to adopt those military members who can't make it home this holiday season. Invite them over to join in your holiday festivities. Sign-up for Christmas Day by calling the Seafarer Club at NWC ext. 2581.

CRAFTECH is also doing its part to make this holiday season a bit more festive and easier for military members. Not only is Craftech personnel offering gift wrapping with appropriate size boxes for enlisted military personnel, they will also wrap any item that is purchased from MWR

activities with proof of purchase receipt at no charge.

During the month of December, the Seafarer Club will be selling various hot holiday drinks in specially designed mugs by CRAFTECH. Each white mug will have a blue Seafarer Pirate stenciled on it. Enjoy a warm drink and keep the mug!

The Seafarer and Officers' clubs will host a designated driver program during this holiday season. The driver will receive free soft drinks and a certificate for reduced meal prices. For further information, call NWC ext. 2581.

The MWR van will be available to (Continued on Page 8)



CHECKING IT OUT—Sharon Maughmer, Craftech's new manager, shows ET3 Wendy Chaney a few of the items for sale at Craftech's new Four Seasons Gift Shop. The new shop resulted from military personnel asking where they could buy hand-crafted items on-Center. Grand opening is today at 10 a.m.

Navy honor to Bruckman

In recognition of outstanding leadership as the Naval Weapons Center F/A-18 Project Manager from 1983-1989, Richard R. Bruckman, Jr. was presented with the Navy Superior Civilian Service Award. This is one of the highest awards a Navy civilian employee can receive.

Capt. John Lockard, Naval Air

Systems Command (NAVAIR) F/A-18 Program Manager was at the Naval Weapons Center this week and took advantage of the opportunity to present the medal and certificate to Bruckman.

The accompanying award letter, read by Capt. Lockard, noted Bruckman was responsible for the design/development and

implementation of the F/A-18 WSSA, a one-of-a-kind integrated laboratory and flight test activity. "You have distinguished yourself as a superb manager and as a farsighted, intuitive designer, dedicated fully to improving Navy tactical aircraft effectiveness." The letter continued, "Your (Continued on Page 9)

Personnel:

China Lakers younger, better educated than the average U.S. government employee

Recent Office of Personnel Management (OPM) findings highlight the Federation of Government Information Processing Councils' claim that "we can all take great pride in the fact that we are the best educated and most productive government workforce of any country on earth."

Following is a breakdown of OPM findings, government-wide, and NWC's comparison with the nation-wide figures:

Average age of government employees is 42 years.

***NWC's average age is 41.**

College degrees (BA or higher) are held by 33 percent.

***NWC's percentage is 46.**

Of white collar employees government-wide, 20% are professionals, 24% administrative, 17% technical, 19% clerical and 2% other.

***At NWC, 37% are professionals; 14% administrative; 17% technical; 14% clerical and 18% other.**

Of the workforce, 10% are supervisory; 2% managerial and .04% executive rank.

***At NWC, 13% are supervisory; 1% managerial and .02% executive rank.**

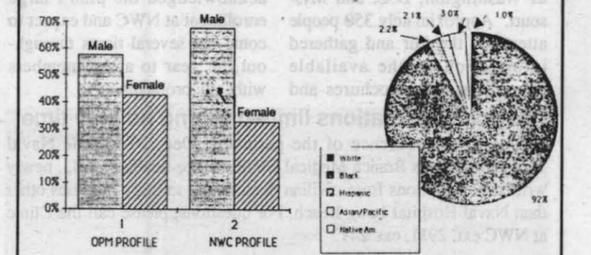
Government-wide, 74% of employees are in GM/GS series; 18% are wage grade and 9% in other systems (VA or Foreign Service).

***At NWC, 91% are in Demo series; 6% are wage grade and 3% other.**

Seven percent of government employees are handicapped individuals.

***At NWC, 11.3% of the workforce are handicapped individuals.**

(The following charts further illustrate workforce comparisons between NWC and government-wide figures.)



China Lake Calendar

- Fri. Dec 1**
...VX-5 all-hands Christmas Party, 6 p.m., Seafarer Club
- Sat. Dec. 2**
...20th Annual Children's Christmas Parade, 10 a.m.
...Matinee: *Davy Crockett*, 2 p.m., Center Theater
- Thurs.-Fri. Dec. 7-8**
...Naval Consortium for Superconductivity, NWC Conference Center
- Fri. Dec. 8**
...Last day of the Health Benefits Open Season
- Sat. Dec 9**
...Matinee: *Pete's Dragon*, 2 p.m., Center Theater
- Tues. Dec. 12**
...Michelson Laboratory Award Luncheon, 11:30 a.m., Commissioned Officers' Mess
- Wed. Dec. 13**
...SOLE monthly lunch meeting, 11:15 a.m., Seafarer Club
...Holiday Traffic Safety Seminar, featuring Sgt. Jack Ware, 2 p.m., Center Theatre
- Sat. Dec. 16**
...Magic Show, 2 p.m., Center Theatre

Coming attractions:
Dec. 31-Jan. 1--Happy New Years Slumber Party, 8 p.m. to 8 a.m., NWC Youth Center
Jan. 3-4--Safety Standdown, Center Theatre

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Friday's publication.

Health benefits fair turns out curious employees

Seven companies participated in the Center's health fair this year, some traveling from as far as Washington, D.C. and Missouri. Approximately 350 people attended the fair and gathered information on the available plans from plan brochures and representatives. Representatives from GEHA (Government Employees Health Association) acknowledged the plan's large enrollment at NWC and expect to come out several times throughout the year to assist members with any problems.

Pharmacy operations limited during holiday time

Due to the absence of the pharmacist Dec. 20-31, the Naval Weapons Center's Branch Medical Clinic will be unable to fill newly written prescriptions from civilian doctors and military facilities other than Naval Hospital Long Beach. For questions, please call the Clinic at NWC ext. 2911, ext. 241.

Wellness Corner

Tonight, the Diabetes Support Group will meet at the home of Gerry Auger at 6 p.m. The theme of the "Yule Fuel" is healthy food for the holidays. Further details will be given at the meeting.
Anyone interested in attending this meeting or finding out more about the Diabetes Support Group should call 375-9674 or NWC ext. 1049.
Regular meetings are held the first Friday of each

month at Ridgcrest United Methodist Church on the corner of Norma and Feldspar.
Watch this column the next two weeks for a complete run down of those who met standards during the first China Lake Challenge this fall.

Betty Miller
Wellness Coordinator



VX-5 applauds AD2 Foote

Six-year veteran wins squadron's monthly contest

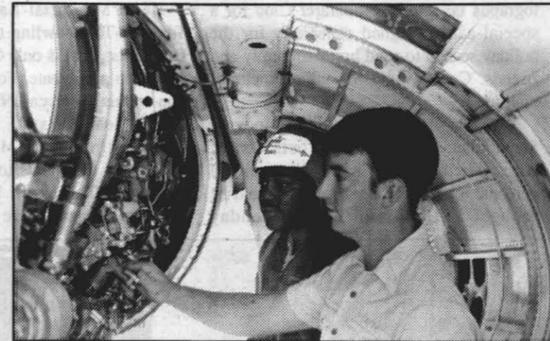
Air Test and Evaluation Squadron Five's October pick for Vampire of the Month is AD2 Tim Foote. In his sixth year of Naval service, the aviation machinists mate came to China Lake from a tour with a SH3H helicopter squadron at North Island, San Diego.

Foote's letter of commendation, signed by Capt. Raymond Kellett, VX-5 Commanding Officer, recognized his outstanding performance and positive attitude in pursuit of assigned duties. "His superb accomplishments as a member of the Powerplant's workcenter have directly contributed to the successful completion of the squadron's mission of operational test and evaluation...His "take-charge" attitude and decisiveness on occasions when no direction was available was based on sound thinking and saved a large number of awaiting maintenance man-hours."

At work Foote performs maintenance on engines and fuel systems on seven types of aircraft. His favorite is the AH-1 'Cobra' helicopter. He enjoys his shop cohorts and feels that sharing individual job experience and knowledge is what makes his shop's team perform successfully.

His immediate supervisor, AD1 Casley Cormier noted Foote recently volunteered many additional hours and several week-ends working on A-6E fuel tank removals and installations, pursuing each job aggressively to its completion. "In my book he's definitely a top performer," said Cormier.

The Cortez, Colorado native feels right at home in a small town surrounded by mountains. He enjoys exploring the desert on his 3-wheel ATC, and fishing in the Owens Valley.



SYSTEMS GO--Aviation machinists mate Tim Foote (foreground) checks the engine and fuel system on an F/A-18 aircraft. Behind him AD1 Casley Cormier supervises the work of the vampire he nominated for special recognition.

Magazine seeks uniform humor

If you have a humorous anecdote about service life, it could be worth \$400 if it appears in Reader's Digest "Humor in Uniform." Contributions should be typewritten and no more than 300 words. Include your name, address, telephone and Social Security numbers, and the mailing date on each item you send. Send stories to Reader's Digest, Box 190, Pleasantville, N.Y. 10570.



Published by High Desert Newspapers, Inc.
739 N. China Lake Blvd.
Ridgcrest, CA 93555 (619) 375-4481



This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc.
The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SCF@Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

Commander -- CAPT. DOUGLAS W. COOK
Technical Director -- WILLIAM PORTER
Acting Public Affairs Officer -- Eleanore Johnson
Photographer -- PHAN CARY K. BRADY
Editor -- STEVE BOSTER
Staff Writer -- JULIE PAULSEN
Staff Writer -- PEGGY SHOAF

Published by High Desert Newspapers, Inc., a private firm in no way connected with the DOD or U.S. Navy, under exclusive written contract with the NAVWPNCEN. This commercial enterprise newspaper is an authorized publication for members of the military services. Contents of the Rocketeer are not necessarily the official views of, or endorsed by the U.S. Government, the Department of Defense, or NAVWPNCEN. The appearance of advertising in this publication, including inserts and supplements, does not constitute endorsement by the Department of Defense or of the products or services advertised. Everything advertised in this publication 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-military factor of the purchaser, users, or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising from that source. Editorial content is edited, prepared, and provided by the Public Affairs Office of NAVWPNCEN.

ROCKETEER CLASSIFIEDS

TO PLACE AN AD
CALL 375-4481
OR DROP IT BY
The Daily Independent!
739 N. China Lake Blvd.

ACTIVE MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE!

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged, PER ISSUE, as follows:
Ads up to 5 lines.....\$3.00
Ads up to 10 lines.....\$5.50
Ads up to 15 lines.....\$8.00
Ads up to 20 lines.....\$10.00
Ads over 20 lines.....\$10.00 & \$1.00 per line over 20 lines.

CLASSIFICATIONS

PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. WEDNESDAY - PRIOR TO FRIDAY PUBLICATION

5 LOST & FOUND

LOST: Child's blue sweater with white letters of JV. Please return! Lost on strop. Call 446-4881.

30 SERVICES

ASPECT WINDOW TINTING - Commercial, residential, autos & specials. Licensed. 371-2511.

DAY CARE: Christian Home, small group. Excellent references & Licensed. 375-6809.

FROM SANTA'S PEN - Beautiful greeting in Calligraphy. Full-color with North Pole Postmark. Send \$2 for each name. Also include age to - 1539 N. China Lake Blvd., Suite 146, Ridgcrest, Ca. 93555 (Naughty or Nice opt.)

35 AUTOMOTIVE

1964 VOLKSWAGEN BAJA BUG CORVETTE - Yellow & Gaber Blue, 1-piece fiberglass hood, full roll cage front to back. Quick shift kit, rebuilt 1600cc, dual port, dual carb., new tires & brakes. 1-piece Cal. look windows. Have extra 1600cc, single port w/progressive carb. & extra parts. \$2000 - Call Wally 375-6885.

MINI STOCK RACE CAR - '66 Volkswagen, race ready. Includes 2080cc motor, dual port, dual carbs, extra tires, lots of spare parts & trailer. \$2000 - Call Wally for details. 375-6885.

35 AUTOMOTIVE

1976 FORD VAN, A/C, P/S, new brakes, new tires. See to appreciate. \$3950. 375-4055.

1984 HONDA SABRE V-65, 1100cc, new in 1986. 12,000 mi., very fast, mint cond., shaft drive, maintenance manual. \$1800. Call 446-4843.

1984 XR 500R - \$1000. CALL AFTER 5PM, 446-3061.

1986 Z28 CAMARO - LOADED, low miles - \$9000/OBO. Call Bob at 446-4399.

FOR SALE: 1989 CHEVY 1/2 ton extended cab pickup. Call 375-7466.

40 MISC. FOR SALE

.243 RIFLE W/SCOPE, glass-bedded, accurate, EC \$250. ALSO, 20 gauge side-by-side shotgun, \$150; (4) 15"x6" Jeep Wheels, best offer over \$20. Rick 446-4029.

KINDLING, WOOD - RECYCLING CENTER, NWC. \$12 per box or 2 for \$20. Hours - Mon-Fri, 9:30-2:30. 939-2522.

PICK-UP SHELL for small truck, \$250; Chest Freezer, \$90. Call 371-2422 after 4 pm, ask for Ray.

PIPE OR LADDER RACK - great for construction work. \$100. 446-6402.

TWIN BED, NEW CONDITION. \$60. Call 375-9528.

50 PETS & SUPPLIES

ADULT MALE DOBERMAN - neutered, tail & ears cut. \$50. 446-6402.

The ROCKETEER will not be published on December 22nd and 29th, 1989.

hairpros

UNDER NEW MANAGEMENT

NEW Hours M-F 10-7 Sat. 9-5 Sun. 10-4

- ★ Sprial Perms
- ★ Shampoo Sets
- ★ Nails - Bonding & Acrylic
- ★ Razor Cuts & Clipper Cuts
- ★ Ear Piercing
- ★ All Phases of Coloring

Full Service Salon by Five Excellent Stylists.
Appt. or Walk-in
740 N. China Lake
371-1142

NOW OPEN

WOOD'S Christmas Tree Farm

Open 9-4:30 Sat. & Sun.
Sat., Dec. 23, 9-Noon
Closed Dec. 24

\$3.50 per foot
8' & over \$28.00
You may reserve a tree Now to Cut Later!
623 Rhebas Way
377-5558
Beverly & Claude Wood

Too much junk **HANGING** around the house?
ROCKETEER classifieds
will help turn those unwanted items into cash - call
375-4481

Community Events

"Young Talent," the next exhibit in the Cerro Coso Art Gallery, will display a variety of artistic works by local high school students from Dec. 4 through Jan. 26.

Hear ye! Hear ye! Come one! Come all! The lords and ladies of the manor invite the public to eat and make merry in celebration of the season of the yule. The Burroughs High School Music and Drama departments will host a renaissance dinner on Friday and Saturday evenings, Dec. 8 and 9, in the Burroughs High School Multi-Use Room. A five course meal, entertainment, music, songs, drama and humor will be provided for only \$18 per ticket. The fun begins at 6:30 p.m. Seating is limited, so pick up your tickets early. Tickets are available at The Music Man, located on 251 N. Balsam Street.

Don't miss the "Someplace Warm Sweepstakes Promotion" being sponsored by Sato Leisure Travel. The Grand Prize for the no-purchase-necessary drawing is a Caribbean Cruise, stay and a rental car. The drawing will be held sometime in January.

To enter the sweepstakes, simply fill out the entry form at Sato Leisure Travel, Bldg. 21, Blandy Ave. For more information, call 446-7751/52.

Rocketeer goes black December 22 and 29

Because of the holidays during the next month, the NWC Rocketeer will not publish on December 22 or December 29. The last issue of the paper for 1989 is December 15. The normal publication schedule of every Friday will resume on Friday, January 5, 1990.

Normal deadlines remain in force for the next two weeks. Any articles needed to be published before Christmas must be submitted to the Rocketeer no later than close of business on Tuesday, December 12. This deadline will be strictly enforced so the most material possible can be published in the final issue of the year.

For additional information on holiday deadlines please call NWC ext. 3354.

Laboratory awards approaching

Winners of the 1989 Michelson Laboratory awards will be honored during a luncheon on Tuesday, December 12. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess starting at 11:30 a.m.

The Michelson Laboratory Award is designed to recognize individuals for technical excellence based on outstanding performance of their individual duties. The award is complimentary to the center's highest local award - L.T.E. Thompson Award.

Reservations may be made by calling NWC ext. 2592 before Monday, Dec. 4.

Technical Societies at China Lake

Federal Managers Associate Tuesday

China Lake Chapter 28 of the Federal Managers Association meets from 11:30 a.m. to 12:30 p.m. on the first Tuesday of each month in their clubhouse at 707 Ellis (west off Lauritsen, two blocks south of Inyokern Road). The next meeting is on Dec. 5. The main business being covered is the election of next year's officers.

At the previous meeting, members heard a presentation from Larry Stout, who proposed a pre-paid (HMO-like) dental insurance plan to be made available to FMA members in the near future.

Contact chapter president, Joe Hibbs, or secretary, Carol Conrad, at NWC ext. 3673 or 2234 for more information.

NWC's Macintosh User Group's November meeting will focus on the topic of electronic forms, with information available both on how to create new forms and on how to obtain copies of

MUG focuses on computer forms

existing ones.

The meeting, which will be held at 2:30 p.m. on Monday, Dec. 4, in Michelson Lab Management Center, is being coordinated by Naomi Norris of EWTES Division's Data Branch. Hale Herold of the Office Systems Records Management Branch will discuss progress the NWC Forms Program is making toward electronic availability of the Center's most prevalent secretarial forms.

Capabilities of the SmartForms software package will be described and demonstrated by Don Winter, head of the Engineering Department's Missile Systems Branch. Chuck Jones of the Information Systems Group will demonstrate an NWC BankCard data base he created using FileMaker. As always, both NWC and contractor employees who work on the Mac are invited to the meeting. Participants won't want to miss this month's free software, which will include copies of some of the more useful NWC forms already created for the Mac. To receive your copy of free software, be sure to bring a blank, formatted 800k disk. In addition, please come prepared to fill out a questionnaire on which NWC paper forms you would like to see converted into electronic forms.

Sterling Haaland, Laboratory Director, will talk about effective utilization of professional associations during the next meeting of the Hi-Desert Chapter Society of Logistics Engineers (SOLE). The meeting is scheduled for Wednesday, Dec. 13, at the Seafarer Club. Lunch will be served at 11:30 a.m. followed by the presentation at 11:45 a.m.

Questions/problems Haaland will address include:

SOLE hosts NWC Laboratory Director

"Have you noticed how hard it is to maintain continuing interest in your organization among the members?"

"Have you noticed how hard it is to develop enough support to present programs which will really help your members?"

"Do you sometimes feel the problem is a little bit harder to solve at NWC than it was at your last station?"

"Do you want to find that little spark that will start the organization, the member and NWC all working together just a little better so that all will benefit?"

The lunch menu is Chicken a la Orange with green salad, rice pilaf, vegetable, bread and beverage. Cost is \$7, which includes a service charge. Reservations are necessary and may be made by calling Bill Wilson or Jerry Banister at NWC ext. 3441 or L. R. "Tree" Crabtree at NWC ext. 3261. Non-members are welcome.

CLPD clocks speed on Center roadways

According to Kerry B. Swigum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday -- Blandy Avenue.
- Tuesday -- Inyokern Road.
- Wednesday -- Lauritsen Rd.
- Thursday -- Randsburg Wash
- Friday -- Gold Canyon Road.

TD Seminar cancelled

The Technical Director's Seminar entitled "Military Superiority in the Nuclear Age," scheduled for Wednesday, December 6 in Michelson Lab's Room 1000D has been cancelled.

MacAndrews Recovery Center

Alcohol & Drug Rehabilitation in an Adult Residential Treatment Center

375-1206

Jack Burnett's Furniture

QUALITY FURNITURE REFINISHING AND REPAIR

RIDGECREST, CA 93555 (619) 375-2496

Finale for 30-year career

Last Wednesday afternoon ATC Robert Martin was retired from active duty Naval service in a ceremony at China Lake's Armitage Airfield. Capt. Robert Dropp, commanding officer of enlisted personnel, had the honor of transferring Martin to the Retired List while shipmates and family paid tribute.

During his 30-year Naval career Martin earned the Navy Commendation Medal, the Navy Achievement Medal and various other individual and unit decorations.

The avionics electronics technician chief reported to duty at the Naval Weapons Center in June of 1987 following 27 years of service at activities across the nation from Tennessee to Hawaii.

He has served the Aircraft Department as safety chief petty officer, Aircraft Intermediate Maintenance Division calibration lab chief, and Aircraft Intermediate Maintenance Division chief petty officer.

In the letter of appreciation from Capt. Dropp, the chief's tour of duty at China Lake was highlighted. "You have demonstrated the highest degree of leadership, dedication, and performance. Your professionalism and guidance in dealing with this department's young sailors has enhanced morale and productivity immensely. Your direct supervision of the maintenance effort within the AIMD has directly contributed to record accident free flight hours accomplished by the Naval Weapons Center. Your professional attitude and assistance to civilian contractor maintenance has greatly enhanced the working relationship between contractor and military personnel."

Before being piped over, Martin received the traditional wood and glass box containing an American flag which had flown over the Center.

Chief Martin and his wife, Dianne, will remain in Ridgecrest where he will seek employment in the area.



PARTING COMMENTS--Retiring Chief Robert Martin addresses his shipmates before being piped over the side into civilian life. Behind him from left to right are Command Master Chief Jones; Martin's wife, Dianne; Capt. Robert Dropp, commanding officer of enlisted personnel; and Cdr. Phillip Souza, executive officer of enlisted personnel. Photo by PHAN Cary Brady.

CHAMPUS provides cost-share to prevent occurrence of SIDS

In observance of National Sudden Infant Death Syndrome Awareness Month, CHAMPUS reminds eligible families that the program shares the cost of in-home cardiorespiratory monitors for infants.

To qualify for the benefit, an infant must have life-threatening breathing complications, or must meet any one of several conditions, such as being the biological sibling (brother or sister) of a vic-

tim of Sudden Infant Death Syndrome (SIDS).

CHAMPUS considers children one year of age or younger to be infants. For patients who are not infants, or who don't meet any of the other required conditions, CHAMPUS cost-sharing may still be possible. For more information on what's covered and what isn't, contact your health benefits advisor at NWC ext. 2911.



The Skipper Sez...

Question

We are not having trash pick-up. It has been three weeks since the dumpster was emptied. I have phoned 2175, but they must feel I either can not see or whatever. I could not find a number on the dumpster to report the problem. The dumpster in question is behind 1920 N. Dobb Road and can be seen when driving north toward Nimitz. Thank you.

ANSWER

The dumpster service is monitored by the Contract Surveillance Branch in Public Works and is checked on at a random basis to verify that dumpsters are serviced at the proper intervals. The dumpster in question is scheduled to be serviced twice a week. When there is a problem with the service that is provided by the refuse contractor, you can call the Contract Surveillance Branch at NWC ext. 3411, ext. 281, rather than calling the contractor. When the dumpster was last checked, it was empty.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. 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 their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

NEX thanks patrons with holiday special

Tonight (Friday) is Customer Appreciation Nite at the Naval Weapons Center's Navy Exchange. Running from 7:30 to 9 p.m., the NEX staff is taking this opportunity to thank China Lakers for their patronage during 1989. There will be door prizes and refreshments for those who attend.

In addition, the NEX is offering some special bargains during this holiday season.

One of the specials available is from the Navy Exchange Automotive Service Center. This service special is: an oil and filter change with up to five quarts of Mobil 10-30 or 10-40 weight motor oil and an oil filter for just \$9.95. Motorists eligible to use the service station can take advantage of this holiday deal.

NEX holiday hours will be in force through December 24, the night before Christmas. Those hours are: Monday and Tuesday, 10 a.m. to 5:30 p.m.; Wednesday through Friday, 10 a.m. to 7 p.m.; Saturday, 9 a.m. to 5 p.m. and Sunday, 10 a.m. to 2 p.m.

Don't forget your NEX when it comes time for holiday shopping this year.

BAKE ME A CAKE--MS2 Ronald Smith demonstrated considerable baking and artistic skills when he made this cake for the 1989 Marine Corps Ball. As the baker for the Naval Weapons Center's galley, Petty Officer Smith is frequently called on to make cakes for special events at NWC. Photo by TID.



Weather Report

	Max	Min	Gusts
Thurs.	--	--	-- knots
Fri.	--	--	-- knots
Sat.	--	--	-- knots
Sun.	--	30	-- knots
Mon.	63	28	11 knots
Tues.	62	25	7 knots
Wed.	65	16	5 knots

Children's Books Make Great Gifts.

Buy Sell Trade

THE BOOK LET

BOOKS - NEW & USED
CARDS & CASSETTES

Fiction, Nonfiction, Technical, All Discounted

130 Balsam 375-1725

Interior Concepts

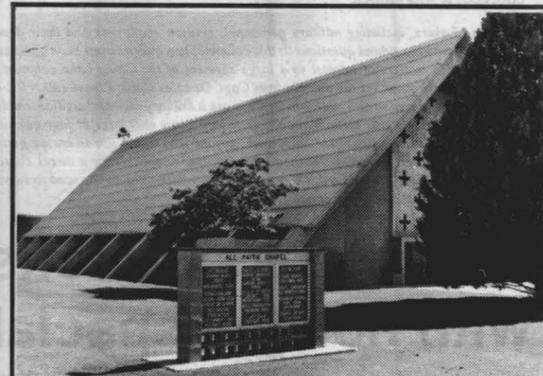
- CARPETS
- BLINDS
- CALL FOR FREE ESTIMATE

HANNELORE BRUCKMAN
Owner

901 N. Heritage Drive 446-7472



HAIRCUTS AND SPIT SHINES--Members of NWC Reserve Support Unit 0176 stand at attention during a Command Inspection last month. Capt. Timothy Palmer, C.O. Naval Air Reserve, Pt. Mugu (right) was joined on the inspection line by Capt. W.A. Hunt, unit commanding officer (center) and Capt. John Sullivan, 0176 executive officer. Photo by PHAN Cary Brady



Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1, 2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	12:00 noon
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4	10:30 a.m.
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4)	9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4)	1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN
 Chaplain G. L. Goodman, LT, CHC, USNR
 Chaplain G. E. Williams, LT, CHC, USNR
 Brian H. Zimmerman, Student Rabbi
 Hearing Impaired Equipment, Nursery Available
 Phone NWC ext. 3506, 2773, 2873

Reserves excel during review by NAR CO

"We are the guardians of our country's freedom," proclaimed Capt. W.A. Hunt, commanding officer of Naval Weapons Center (NWC) Reserve Support Unit 0176 recently. The unit CO addressed men and women of NWC 0176 during a command inspection late last month.

Joining Capt. Hunt for the inspection were Capt. Timothy Palmer, commanding officer of Naval Air Reserves (NAR) at Pt. Mugu, the parent organization for NWC 0176, and Capt. John Sullivan, executive officer for NWC's unit.

Capt. Palmer said, "You are a splendid example of what a reserve unit should be. I use your record of outstanding support of the Naval Weapons Center as an example to the other NAR units at Pt. Mugu."

"I have heard it said that the reservist is 'twice a citizen,'" commented Capt. Hunt. "The reserve constitute approximately 50 percent of the total Navy force. Never have our opportunities and responsibilities been greater. It is a privilege to be your commanding officer and I am proud of the dedication and hard work you have demonstrated. America is fortunate to have such a group of 'twice citizens.'"

In existence since 1977, NWC 0176's mission is to provide aircraft maintenance support to its gaining command, in this case the Naval Weapons Center. In addition to meeting the needs of NWC, the unit supports Air Test and Evaluation Squadron Five aircraft as time allows.



"Moving from November into December..."

As we move from the somber month of November into the joy-filled month of December, we are overcome by the shortest days of the year. They bring chilly darkness earlier than those of the warm summer months and, so, are apt reminders of the spiritual darkness in which mankind walked as it waited (sometimes, not so patiently) throughout the centuries for that "Light of the World," whose birth we celebrate on Dec. 25.

As we move from November to December, we find ourselves amid a special time of expectation called "Advent," which begins on Sunday, Dec. 3, and bridges the days to Dec. 24, Christmas Eve, which heralds the arrival of the Christmas Season proper. It is given to us yearly by the Church for use as a spiritual preparation for the birth into our hearts and minds and lives of that Prince of Peace whose arrival, or "advent," was awaited with deeply-felt longing since God's promise of a Redeemer after man's fall from grace in the Garden of Paradise.

As we move from November to December, we are gifted with a time wherein we can come to grips with the hopes and fears of our souls and seize the opportunity, once again, to place them in the crib of Bethlehem, in the hands of that Baby whose entrance into our world marked an end to darkness and a beginning of life in God's dazzling light.

As we move from November into December, we behold in churches throughout the land liturgical colors of bright green changed into sober, sad colors of violet and deep purple: the Church covers herself in shades of repentance and invites her children to "prepare the way of the Lord and make straight His path." (Matthew 3:3). We hear echoing in our own ears the compelling words of John the Baptist who now, as in times past, confronts us with our sinfulness and urges us to reform our lives to conformity with the Christ Child.

As we move from November to December, we are caught up in the ever-mounting excitement of the Christmas Season, but stop to do "spiritual housecleaning" in anticipation of a birthday celebration that can, if we wish it, end sin and spiritual death and usher in a new beginning as a people bathed in God's Light.

As we move into Advent, we are reminded of the task that lies before us during these coming four weeks to clear from our hearts the cobwebs of apathy and maliciousness, or greed and indifference, of hatred and intolerance, that have collected over the past year.

LCDR. S.A. Casimano, CHC, USN
 Command Chaplain

Tots seeking new toys

Only three more weeks are left in this year's Toys for Tots drive. "Toys have started coming in," said Joanie Bayne, the toy-drive coordinator.

"I have really been impressed by the thought and effort put forth by various groups on-Center," she said. "This is the first year Hall Memorial Lanes has participated in our local toy drive and I think it's great!" The Center's bowling alley is hosting a "Toys-for-Tots Bowling Tournament" in an effort to raise toys for the local drive. Tournament participants will bowl on their own time throughout the month of December. Cost during open bowling times is only \$3.75 and donation of a toy for a three-game series.

In addition, Bayne's noted some codes exchange toys for Christmas instead of personal gifts. The toys can be donated to Toys for Tots. "This eliminates the embarrassment of having to buy a personal gift for someone you might not know that well, but still allows the fun of exchanging gifts, while helping a worthwhile cause."

Marines of the China Lake Marine Aviation Detachment who support the toy drive, distributed decorated collection boxes in Ridgecrest and on-Center. Toys can be dropped off at any box: Contel, Bank of America, Daily Independent, Rocketeer, News Review, Benchmark Cable TV, Michelson Lab, NWC Administration Building lobby, Branch Medical Clinic and Code 311.

Early registration...

(Continued on Page 17)
 Form 1556) must be received by Code 224 at least three days prior to the employee's registration at Cerro Coso. The approved forms must be taken to Cerro Coso when registering in order for NWC to pay the tuition. Employees who pay tuition will not be reimbursed.
 If there are any questions, please call Cecil Webb, NWC ext. 2648.

THE MIDAS CHALLENGE

We'll meet or beat any written estimate for brake, strut, shock, exhaust and front end repair work.

BRAKES \$69.00*

PER AXLE MANY CARS AND LIGHT TRUCKS

- New guaranteed brake shoes or pads (semi-metallic pads extra)
- Resurface drums or rotors
- Replace grease seals as needed
- Repack wheel bearings, except sealed units
- Inspect hydraulic system
- Top off brake fluid as needed
- Road test
- See guarantee terms in shop

FREE BRAKE INSPECTION MOST CARS AND LIGHT TRUCKS

Offer good with coupon only through participating Midas dealers.

LUBE, OIL, FILTER \$18.95*

Up to 5 quarts Castrol 20.50 • New oil filters • Lube chassis fittings • Most cars and light trucks.

- Up to 5 quarts Castrol 20.50
- New oil filters
- Lube chassis fittings
- Most cars and light trucks.

Offer good with coupon only through participating Midas dealers.

ECONOMIZER® MUFFLER \$29.95*

INSTALLED

- Fits many cars and light trucks
- Famous Midas quality
- 1 year guarantee
- See guarantee terms in shop.

Offer good with coupon only through participating Midas dealers.

2-WHEEL HI-TECH COMPUTERIZED ALIGNMENT \$19.95*

Inspect steering and suspension system • Set all adjustable angles of front wheels to manufacturer's recommended specifications (Chevettes toe only) • For most cars and light trucks • Road test THRUST-ANGLE AND 4-WHEEL ALIGNMENT AVAILABLE

- Inspect steering and suspension system
- Set all adjustable angles of front wheels to manufacturer's recommended specifications (Chevettes toe only)
- For most cars and light trucks
- Road test THRUST-ANGLE AND 4-WHEEL ALIGNMENT AVAILABLE

Offer good with coupon only through participating Midas dealers.

NOBODY BEATS MIDAS



124 Upjohn St.

Jus' 200 ft. west of China Lake Blvd.

375-9569

*Additional parts, services and labor are often needed at substantial extra cost.

Chico graduate writing exam set

On Jan. 12, the CSU, Chico Computer Science Graduate Writing Examination will be given on- being made payable to CSUC. Those needing to take this exam, should contact Helen by Dec. 20 at NWC ext. 2648.

Photography classes planned this spring

During the spring 1990 quarter at Cerro Coso College, John Dunker will instruct three photography courses, including: *Intermediate Photography*, and *Advanced Photography* on Wednesday evenings from 6:40 to 9:30 p.m. and *Beginning Black and White Darkroom Techniques* on Saturdays beginning March 3 from 8 a.m. to 6 p.m.

We're Helping You Protect Your Presidents.



Introducing New Domino's Doubles Every Day!

TWO CUSTOM-MADE PIZZAS FOR ONE SPECIAL PRICE.

	ORIGINAL	PAN
Two 10"	\$7.99	\$8.99
Two 14"	\$10.99	\$12.99

Fresh Toppings:

Pepperoni, Sausage, Mushrooms, Ham, Onions, Black Olives, Green Peppers, Ground Beef, Tomatoes, Pineapple and Jalapenos.

10" - \$1.30 per topping covers both pizzas
 14" - \$1.80 per topping covers both pizzas

Single pizzas available upon request. Tax not included. Available at listed location only.

Call Us! 446-2323

701 Inyokern Rd. #A Ridgecrest

12 oz. Cans 80¢. Save on a 6 pack of Coke® only \$4.00.

Delivery area limited to ensure safe driving. Our drivers carry less than \$20.00



Nobody Delivers Better.™

Early registration scheduled for Cerro Coso Community College

Cerro Coso Community College's early registration for continuing and new students will be Dec. 4, 12 and 19. Regular registration for continuing students will be Jan. 3, 4, 5 and 8. Regular registration for continuing and new students will be Jan. 9, 10, 11 and 12. Schedules are available in the Training Center lobby.

For those enrolled in courses provided under the NWC/Cerro Coso Contract, the Center will pay full tuition. If it can be shown that courses are job-related or will strengthen the contribution to the Center's mission, tuition will be paid directly to the college by Code 224. NAVWP-

CEN 12410/73 (Rev. 12-88) (Request for On-Center Training) must be submitted via department channels to Code 224.

If a course is not directly job-related, along with the NAVWPNCEN 12410/73, submit NAVWPNCEN 12410/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan,

describing how the course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

Non-California residents submit DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department

channels to Code 224. A job order number is required on the DD Form 1556.

Code 224 will return the approved NAVWPNCEN 12410/73 or DD Form 1556 to you. Take it to Cerro Coso when registering in order for NWC to pay the tuition.

Co-op students are not required to submit a NAVWPNCEN 12410/73 or a DD Form 1556 and should inform the registrar when registering that they are co-op students.

Enrollment deadline: Requests for tuition support (NAVWPNCEN 12410/73 or DD (Continued on Page 17))



The new Macintosh Portable.

An Active Matrix LCD screen displays text and graphics as crisply as any other Macintosh.

Battery power levels can be displayed on the screen, with low-power warnings posted automatically.

The standard Macintosh keyboard is built in.



6-12 hours of portable computing before battery needs recharging. That's up to 5 times longer than most portables.

The CMOS 68000 microprocessor operates at 16 megahertz - twice the speed of the Macintosh SE.

The trackball functions as an integrated pointing device.

Its best features are ones you already know.

Introducing the new Apple® Portable computer, the portable that offers all the features you'd expect to find in a Macintosh. And then some.

So now you can get the same intuitive graphic interface, and have the ability to run virtually all current versions of Macintosh software - all in one easy-to-carry, portable package.

And special features let you take it anywhere.

Such as built-in features that give you long battery life and intelligent power management, or those that provide superior graphics capabilities while providing full-width, wide-angle viewing under almost any lighting condition.

Stop in today to see the new Macintosh Portable - all the convenience of portable computing, without having to compromise a thing.

Featured here.



117 Gold Canyon
Ridgecrest, Ca. 93555
619-375-7771



© 1989 Apple Computer, Inc. Apple, the Apple logo, and Macintosh are registered trademarks of Apple Computer, Inc.

Superconductor research brings NCS session here

Next Thursday and Friday the Naval Weapons Center will host the Naval Consortium for Superconductivity (NCS). A high point of the meetings will be invited talks given by industry experts Kekelis, Nisehoff and VanDuzer.

NCS was chartered by the Chief of Naval Research to formulate an imaginative, creative and effective Navy superconductivity Research and Exploratory Development Program Plan. The plan identifies specific research and exploratory development goals and needs as well as opportunities for early transitioning of superconducting technology to the fleet.

Superconductivity is characterized by the resistanceless flow of electric current in certain metals and alloys--a phenomena which has intrigued scientists and

Applications are many and varied

engineers for more than 77 years. Experiments with the superconducting materials produced the Meissner Effect in which flux exclusion causes a pellet composed of superconducting material to float freely above a magnet cooled by liquid nitrogen. Recent research has uncovered high-temperature superconducting materials, some of which can superconduct at temperatures up to 125 Kelvin.

Electronic applications include high-speed signal processing, high-frequency electro-

magnetic sensors and high-speed logic elements. Other applications of interest to the Navy include magnetic detectors for antisubmarine warfare, very sensitive and very compact receiving antennae for submarine communications systems; very low noise, wide signal bandwidth microwave and millimeterwave surveillance and communications receivers; and very large bandwidth, high-resolution analogue and digital signal-processing circuits.

Thin superconducting films have been grown that are extremely sensitive detectors of electromagnetic radiation. These films have been made into operating IR sensors for detecting for IR radiation.

The U.S. Navy has long supported superconductivity and its technology, recognizing its enormous military benefits when tapped in field operating systems, and the importance of high-risk, high-payoff research.

In NWC's Research Department, superconductor technology is being explored by personnel in both the chemistry and physics

divisions. Solid state chemistry and fundamental material studies are being conducted by the Optical and Electron Materials Branch (Code 3854). Physicists in the Semiconductor and Surfaces Sciences Branch (Code 3813) are studying laser ablation growth processes in the analysis of laser-ablated films in conjunction with chemists in Code 3854 who are involved in the preparation of high quality thick films and buffer layers for use with silicon.

Also being studied by Code 3854 are the microwave resonant ring (with assistance from Code 39), the dipole antenna and superdirective array concept, microwave measurement of surface resistance and direct current measurement of resistance.

When the consortium meets at NWC next week to discuss superconductivity, members will focus on furthering (1) the development of a science base, (2) the creation of useful materials and devices; (3) the performance of key demonstrations; and (4) the planning of technology transitions to systems development.

Kay Furnish
Stained Glass Carousel
(619) 375-8754



Make tracks Dec. 2-3 to the Fairgrounds for Santa's Art Shop & sign up for my free drawing! First booth on the left in MESQUITE HALL ... see ya there!! Winner last year!! Lynda Stevens

LOOKING FOR SOMETHING DIFFERENT, FOR SOMEONE SPECIAL?

Sand Carving by The Dawg & Boss Lady



TRY GLASS CARVINGS ON:

- Wine Glasses • Beer Steins
- Coffee Mugs • Plates
- Crystal • Mirrors

This artwork is not to be confused with Liquid Etching.

619-377-4704

JIM OR ANN MONAHAN

MIPI office on the move

For those of you who like to hand carry initiatives to the MIP office, here's an important notice. The MIP office has moved! Not very far, but a move, nevertheless. We are now located at the other end of the hall in the Administration Building -- Room 2025 to be precise -- in the south wing of the second deck. Our phone numbers, code and "E" mail address have not changed, however. You can still talk to us by calling NWC ext. 2311 or 2437. Guard mail addressed to Code 0121 will still get to us and the "E" mail sent to us on the SCF will be read -- SCF::HAMILTON or

SCF::MACBRUCE. Also, a note of farewell and good luck to Wes Mathewson who is leaving the MIP office to become the head of staff for Dilard Bullard's new 05 directorate. All the best, Wes.

If you have encountered a process, rule or regulation that causes more work than seems to make sense, let us know. Call, write, "E" mail or drop by the MIPI office and let's see if we can't arrange a waiver to test out your idea on how to do things better. So, get your thinking cap on and look around the Center, a new MIPI cap could be in your future.

Prudential-Bache Securities

Anthony H. Barkate
350 E. Ridgecrest Blvd., Suite 201
Ridgecrest, CA 93555
375-8777

Call us to discuss "Financial Planning," stocks, bonds, bank CDs, annuities, options and tax free income.

The Perfect Gift Beautiful Red Silk Poinsettias Sale \$19⁹⁵ to \$39⁹⁵

1700 sq. ft. showroom gives you a large selection of potted silk flowers, trees & plants. Top quality at wholesale prices. Open to the Public

While Supplies Last

Silk Jungle
135 Balsam 371-1661

THE PICTURE PLACE

YOUR FULL SERVICE LAB - ESTABLISHED 1979
237 BALSAM ST. 375-4707

*SAME DAY QUALITY PHOTOPROCESSING
Your Negatives Are Returned in Protective Sleeves

50% OFF 5x7 • 8x10 • 11x14 PRINTS
Color Enlargements, Machine or Custom

HOLIDAY REPRINT SPECIAL
25 FOR \$5.50 • 50 FOR \$10.00 • 100 FOR \$19.00
3 1/2 x 5" Prints (From same color negatives)

DRIVE THRU WINDOW AT
237 N. CHINA LAKE BLVD. 375-8683

• KODAK PAPER
• KODAK CHEMICALS
• KODAK'S COLORWATCH™ TECHNIT CENTER FOR COMPUTERIZED QUALITY



Happy Holidays Foam-Kote Roofing Systems



Urethane Foam & Coating Specialist
SERVING THE ENTIRE HIGH DESERT SINCE 1969
- ENERGY CONSERVING -
• Residential • Stops Leaks
• Commercial • Low
• Mobile Homes Maintenance
• Wood Shingles • Guaranteed

ARISTOCRAT DEVELOPMENT

FREE ESTIMATES -
CAL. LIC. #366441
(619) 371-1662
(619) 446-2150

1439 N. China Lake Blvd.

TO PLACE A CLASSIFIED AD IN THE ROCKETEER
CALL 375-4481
The Daily Independent

ACTIVE MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE!

Looking toward NWC at 50

On an indian summer day in October, some well-known individuals from China Lake's past and present gathered at the Officers' Club to discuss an event three years in the future.

November 8, 1993 marks the 50th anniversary of the Naval Ordnance Test Station/Naval Weapons Center. A three-day gala celebration is being planned, including an air show, laboratory open house, dinners, picnic, distinguished guest list... and who knows what else. Discussing the options was the order of the day at the first official meeting of the anniversary committee. Absent from the meeting was honorary chairman, RAdm. Sherman E. Burroughs, USN (Ret.), first commander of NOTS.

Cochairing the committee are H. G. "Hack" Wilson, NWC technical director from 1970-73,

and Capt. Paul Valovich, current NWC vice commander.

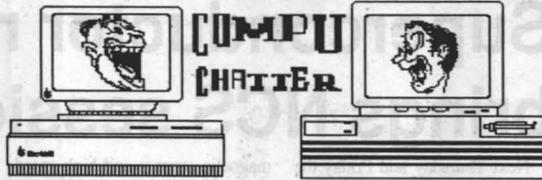
Former NOTS commander, VAdm. Bill Moran, USN (Ret.) (1970-72) took part, as did technical directors from years past, Leroy Riggs (acting 1973-74) and Burrell Hays (1982-86).

Milt Burford, head of the Aerosystems Department, and Carl Schaniel, recently-retired NWC manager, are on the committee. Other committee members are John DiPol, 1981 retiree and former head of the Range Department who was instrumental in planning and implementing range modernization including the Range Control Center; Capt. Fred Chenault, USN (Ret.), who served as executive officer of NOTS from 1955-58 and Engineering Department head in 1966; Howard Fish, former head of the National Test Parachute

Range in El Centro, and the Center's first Parachute Systems (now Aerosystems) Department head, retired in 1984; Dr. Newt Ward, NWC associate technical director from 1970-73 and a driving force at China Lake since 1945; Hugh Hunter, former Research Department head and 1976 retiree, Frank Knemeyer, 1982 retiree after 34 years at China Lake, and former Weapons Planning Group head; and Capt. Harry Parode, USN (Ret.), former NWC executive officer and civilian public affairs officer.

Bill Davis, director of Retiree Affairs at China Lake, is the committee's executive secretary and point of contact at NWC. He can be reached at NWC ext. 3521.

Center Historian, Leroy Doig was on hand to provide background information. Coordination and logistics for the meeting came together thanks to the organizational talents of Fran Rugg, NWC Community Liaison Officer.



My Macintosh floppy disk was working just fine yesterday, but this morning the computer won't read the disk. I don't have a backup and I need the information from this disk. What can I do?

You're in luck. There are disk utilities available in the PC Lab to recover most lost data on your disks. However, there are some circumstances where data cannot be recovered and for this reason you should always make a backup of all your disks; end of lecture. Two popular commercial utilities are Symantec Utilities (SUM II) and 1st Aid Kit. If you would like to attempt to perform your own data recovery, the PC Lab has both of these utilities available to check out through the software library. Or, if you prefer, the PC Lab will perform

the data recovery for you. In most cases, all the data can be recovered from your disk. There are a number of reasons why a disk may be unreadable. If this is the first time you have lost data on a disk, there is a good chance that you just got a bad disk. But, if the problem frequently arises, then you should contact the PC Lab to examine the other options to remedy your specific situation. Remember, back up your disks frequently.

I have files on the VAX that I would like to download to my personal computer. I know this is possible, but don't know how. What is the procedure?

You're right. It is possible to download text (ascii) files from the VAX to your IBM PC or Macintosh. This is accomplished through your existing communication package and will generally use the Kermit file protocol. The PC Lab has bulletins which give thorough explanations of the procedures for different configurations and are worth reading. Here are three which may be useful to you:

- Bulletin 055A -- File Transfers Between the VAX and Macintosh
 - Bulletin 071 -- File Transfers Between the VAX and PC
 - Bulletin 058 -- Kermit File Transfer Protocol.
- If you need further assistance, the PC Lab staff will gladly give you a hand with the process.
By Bob Beane

Center for Practical Psychology

- Psychological Testing
- Alcohol & Drug Counseling
- Treatment for Depression Anxiety
- Stress Management
- Marriage Counseling

(619) 375-1206
722 N. Norma - Ste. B
Ridgecrest, CA 93555

By Appointment
Adults, Children, Group

WIZARD OF R.O.S. AT RIDGECREST

GIFTS OFFICE SUPPLIES

Holiday Gifts that are Lifetime Treasures!

- One of a kind collectibles
- Beautiful leaded crystal
- Fantasy pewter figurines
- Navajo onyx paintings
- Full selection of pen & pencil sets
- Creative ceramics

BPA Suppliers of NWC
M,T,W,F 8-6, Sat. 10-5, Thurs. 8-9
122 S. China Lake Blvd.
371-1784

8 AM - 6 PM
MON-SAT

Ho's Boutique
AND HAIR FASHIONS

MONDAY & TUESDAY
PERM SPECIAL \$30
Long hair extra

NAILS
ARCYLIC
FIBERGLASS
MANICURES
PEDICURES
EAR PIERCING
SPIRAL PERM

Full Service Salon

off Ridgcrest & China Lake Blvd.
123 B. Grande Way
375-3820

STOCKING CAL STATE TEXTBOOKS

• Special orders welcomed

• Gov't credit cards accepted

• Personal & professional staff

"Call for your technical book needs"

The Bookshelf

901 N. Heritage Dr.
Village Center Plaza
446-READ

The Advantages of Seniority

a 15% Discount and Split your Deposit

Ages 55 & over at Prospect Park Village

Seniors fifty-five and older can take immediate advantage of Prospect Park Villages' new 15% rental discount* open spacious apartments, including a wide range of resort amenities, and the peace of mind that comes from an on-site staff providing attentive service, seven days a week.

Isn't it time you move from your existing apartment and get what's coming to you.

Call now for Oscar - 375-6543.

Prospect Park Village

449 Toro Ave.
Open 10 a.m. - 8 p.m. daily
FREE Turkey - First 10 Leases

*Discount applies to 6 month lease

Center accepting applications for NSAP positions

Science Advisor vacancies will be available in the summers of 1990 and 1991

Naval Science Advisors, Interdisciplinary, DP-801, 855, 861, 1310, 1520, 1550/3 or 4. The Navy Science Assistance Program (NSAP) provides quick reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve Fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's RDT&E Labs/Centers and its operational forces, and the responsiveness of the Lab/Center community in achieving timely solutions to specific technical problems significantly impacting operational readiness.

This announcement identifies Science Advisor vacancies that will be filled in the summer of 1990, and vacancies that will be filled in the summer of 1991. All Center nominees for both periods will be interviewed and selections made in March 1990. Center candidates are encouraged to apply for more than one position/location and you may apply for either or both periods. However, selections will only be for one position.

Science Advisor positions will be available in the summer of 1990 at the following staffs/locations:

- Commander, Sixth Fleet, Naples, Italy
 - Commanding General, Fleet Marine Force Atlantic, Norfolk, VA
 - Commander, Naval Special Warfare Command, Coronado, CA.
 - Science Advisor positions will be available in the summer of 1991 at the following staffs/locations:
 - Commander, Naval Air Force Atlantic, Norfolk, VA
 - Commander, U.S. Atlantic Fleet, Norfolk, VA
 - Commander, Second Fleet, Norfolk, VA
 - Commander, Naval Surface Force Atlantic, Norfolk, VA
 - Commander, Naval Surface Force Pacific, San Diego, CA
 - Commander, Naval Air Force Pacific, San Diego, CA
 - Commander, U.S. Pacific Fleet, Pearl Harbor, HI
 - Commander, Third Fleet, Pearl Harbor, HI
 - Commanding General, Fleet Marine Force Pacific, Camp Smith, HI
 - Commander, Seventh Fleet, Yokosuka, Japan.
- Incumbent will participate in Fleet activities and exercises as required. Broad technical engineering and management background and experience with acquisition programs is considered essential to carry out the assignment. Ability to work in one or more of the following areas is needed: Mine, ASW, ASUW, AAW, Special and/or Electronic Warfare, C3, Surveillance or Ocean Technologies. The Science Advisor will be the primary interface between the Fleet Command, NWC and other Naval Labs/Centers on NSAP and Commander RDT&E matters. The candidate nominated by the Center will be competing with nominees from other Navy Labs and Centers. The NSAP office, White Oak, makes the final selections for all NSAP positions in March 1990.

Factors considered for candidate selections include:

1. Communication abilities which allow meaningful exchanges with many Navy and technical community skill levels and disciplines.
2. Ability to deal effectively with high-ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy and sound judgement.
3. Ability to make sound technical recommendations and accept responsibility for decisions.
4. Technical competence in Mine, ASW, ASUW, AAW, Special and/or EQ warfare, C3, Surveillance or Ocean technologies.
5. Familiarity with SYSCOMS and other Navy Lab communities.

A SECRET security clearance is required. Applicants must pass the required physical examination.

Science Advisor positions are lateral reassignments for current DP-4s. If a senior DP-3 is selected, employee will be given a temporary promotion for the duration of the assignment. Duration of these assignments are normally two years. Interested applicants should file a SF-171 with Saundra or Jacqui (Code 22). Questions concerning these positions should be directed to the NWC NSAP coordinator, Bob Byrne

(Code 03B1) at NWC ext. 1485. Deadline for filing is Jan. 12 for both the 1990 and/or 1991 vacancies. Previous applicants are requested to reapply.

Service in an NSAP assignment is a significant distinction and considered career enhancing. For further information about the specific tours from a "participant's viewpoint," it is suggested that anyone interested contact any of the following people who have been on NSAP tours in the past:

Bob Byrne -- NSAP Coordinator

Mel Foremaster -- FA-18 Program Office

Jack Russell -- T & E Directorate Head

John Webb -- Weapons Planning

Mick Rindt -- Head, Avionics Integration Branch

Ray Miller -- Head, Propulsion Systems Division

Doug Savage -- Tomohawk Program Office

John Prescott -- AIWS Office, Program Manager.

COUNTRY JUNCTION
Your Christmas Store

- Unique Gifts
- Artificial Xmas Trees
- Unique Ornaments & Lights
- Garland & Wreaths
- Xmas Cards - 1/2 Price (free imprinting on 12/2 & 12/3 with copy of this ad.)

COUNTRY JUNCTION

unique gifts balloons party supplies

740-B N. China Lake Blvd. Ridgecrest, CA 93555
Mary & Jim Noh (619) 375-3232

Located in Towne Centre

123 B. Grande Way
375-3820

SANTA'S WEEKEND SPECIAL SALE
Fri., Sat. & Sun. 10-6

Jewelry to Go 14KT GOLD

SALE 50% OFF

- ★ 14Kt Gold
- ★ Diamonds
- ★ Australian Fire Opals
- ★ Sterling Silver

SALE 55% OFF
All Black Hills Gold

★★ **FREE GIVEAWAY** ★★
14Kt Genuine Diamond Stud Earrings

1 Pair Sat. 1/4Ct t/w \$500⁰⁰ Value
No purchase necessary - (2 pair total)

1 Pair Sun.

"Our inventory's too large to go to Santa's Art Shop - So stop by and see our expanded showroom."

- ★ Free Refreshments
- ★ Free Drawings Sat. & Sun. 6 p.m.
- ★ Free Gift with Purchase
- ★ Free Gift Wrapping
- ★ Layaway Plan
- ★ Instant Credit OAC

115 E. California Al ♥ Mary Alvarado 371-1308

Vacancies...

(Continued from Page 13)

Branch, Concept Development Division, Intercept Weapons Department. The incumbent will be part of a team involved in the design, development and testing of the operational flight program for the AIM-9R (Sidewinder) missile. The AIM-9R missile incorporates multiple microprocessors in support of a state-of-the-art imaging seeker. The project is in full

scale engineering development with system testing in the Simulation Laboratory, captive flights and missile firings. The incumbent would be responsible for a portion of the OFP including algorithm verification, software design, testing and documentation. The incumbent would also participate in system level test and evaluation. Send SF-171 to M. Bailey, Code 3922, NWC ext. 1622.

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization 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, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar 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 1/2/3/4/7/8/9; 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 PERSONNEL BUILDING.

No. 39-083, Secretary (Typing), DG-318-1/2, Code 3943 - The Incumbent provides clerical and administrative support to the Advance Signal Processing Branch. Promotion potential to the DG-2 level. Previous applicants need not apply.

No. 39-100, Secretary (Typing), DG-318-1/2, Code 3944 - The Incumbent provides clerical and administrative support to the Air to Air Guidance Branch. Promotion potential to the DG-2 level.

AETNA drops coverage

Effective Jan. 1, AETNA will no longer offer its indemnity benefit plan to federal employees and annuitants.

The present AETNA indemnity benefit plan (both options) will remain in effect through 1989. Enrollees will have through 1990 to file claims for expenses incurred in 1989.

Employees that are enrolled in the indemnity benefit plan will need to enroll in another plan during open season (Nov. 13 through Dec. 8).

Mass Microsystems Sale



Data Pak duet™

It's Lightning fast
It's 45 megabytes
It's removable

POWER2 EXPAND! 45 mb at a time.

Delivery: in-stock to 2 days

DataPak List \$1,795 on sale **\$1,195**

DataPak duet List \$2,995 only **\$2,469**



Maccessories

Open 2p.m. to 6p.m.

211 Balsam St. call 375-0211

PAO opening at China Lake

No. 00-009, Supervisory Public Affairs Specialist, DP-1035-3, Code 003 - This position is that of NWC Public Affairs Officer and the incumbent is responsible for the direction and coordination of a full-spectrum public affairs program including the functions of community relations, public information, government affairs, and internal information. Incumbent supervises a staff of eleven, including Protocol Office staff through a subordinate supervisor; provides counsel to the commanding officer and senior staff on all matters relating to public affairs; responds to news media as the official command spokesperson; and serves as the primary command point of contact for elected government

officials at all levels, as well as the general public and employees for all community relations issues. **Job relevant criteria:** Knowledge of public affairs function; ability to interface effectively with all levels of employees and/or with local government officials; skill in analyzing documents and providing relevant advice to superiors; skill in oral communications; skill in written communications; ability to supervise; ability to set affirmative action goals and achieve measurable results. Selectee must serve a one-year supervisory probationary period if not previously completed. Status eligibles may apply. No known promotion potential.

Production Process class set

Production Process, a 16 hour course, will be held on Dec. 12-13 from 8 a.m. to 4 p.m. at the Training Center.

The course's topics include introduction/overview, technical data package/contract requirements, manufacturing planning, vendor/supplier control, incoming inspections, parts fabrication, material control, assembly level assembly/inspection, assembly level test, unit/group/set level assembly/inspection, unit/group/set

level test, physical/functional audit and review, preservation/packaging/packing/storage/shipping, calibration system, training/certification-internal/supplier evaluation audits, nonconforming material disposition, nonconforming material corrective action, data information system, change control/status accounting.

To enroll in this course, call NWC ext. 2359.

Nutri/System®

We Succeed Where Diets Fail You.®

Don't Wait - Call Today. 446-6888

For A Free Computerized Weight Loss Analysis

OVER 1,300 CENTERS NATIONWIDE.

nutri/system
weight loss centers

Lose All The Weight

You Can For Only \$99*

Monday Dec. 4th

*Special offer does not include the cost of NUTRI-SYSTEMS foods and cannot be combined with other offers. As people vary, so does an individual's weight loss. Valid only with the purchase of a new program at a participating center. One discount per person.

901 N. Heritage Dr.

Southwest Print Sale

Sale \$38.00
without frame



- Paintings
- Clocks
- Brass Lamps
- Mirrors
- Wood Inlay Artwork
- Brass Accessories
- Prints with & without frames



Closed Mondays

Tues.-Fri. 10-7

Sat. 10-6

Sun. 12 noon - 5



Home of Fine Oak Furniture

Oak Specialties

(619) 375-20AK
(375-2625)

425 E Ridgcrest Blvd

When It Comes To The Military, We Have A Uniform Policy.



50% Off.



Every Flight.



Every Day.



Every Dependent. Every Package.



On USAir, active-duty military personnel and their dependents fly throughout the U.S. for 50% off the regular coach fare. With virtually no restrictions.*

Even personal packages shipped PDQ fly for half price.

Contact your base leisure travel office. Or call USAir toll-free at 1 (800) 428-4322. And make a big cut in your military spending.

USAir

*You must present your green active-duty military ID or your dependent ID marked "active." Discount does not apply to official military travel. Military fare seating may be limited due to capacity control.

Housing Office seeking best decorated at NWC

Housing says...The week before Christmas, the Housing Office will select the best decorated houses on-Center. The selections will be made from the Capehart B area, the North Old Duplex area and the Hill area. We will be looking at decorations during the day, therefore, outdoor lights are not necessary. A gift will be awarded to each of the winners.

Tax collector reminds owners of deadline for bills

Kern County's tax collector issued a reminder to all taxpayers of the December 11 deadline for payment of the first installment of real property taxes. Payment must be in the office, or at least postmarked by Monday, December 11, to avoid the 10% penalty on late payments.

HIGH TECH DESIGN & FAB. OF PRINTED CIRCUIT BOARDS WITH RAPID DELIVERY!

SAN DIEGO
Circuit Board Service, Inc.
Minority Owned - Visa, Mastercard Accepted

4645 Ruffner St., Ste. 204 619-279-6518

Inland Seafood RESTAURANT
WE CARE!

WEEKEND DINNER SPECIAL
FRI • SAT • SUN • ONLY

Steak & All You Can Eat Shrimp
\$7.99 (All Dinners incl. Salad Bar & Fries or Coleslaw & Baked Potato)

\$5.00 off Steak & Lobster

Lunch Bunch Special

Fish & Chips	5.25
Clam & Chips	5.99
Shrimp & Chips	6.99
Salads	3.99

• Shrimp • Crab • Seafood •

Market Special For Weekend

Jumbo Shrimp	10.99 lb.
Lobster Tail	16.99 lb.
Red Snapper (Fillet)	2.79 lb.

Cod	\$2.99	Callimari	\$3.75
21 Shrimp	\$3.99	Hamburger	\$1.50
Clam Basket	\$3.99	Cheeseburger	\$1.99
Combo Basket	\$3.99	Bacon Burger	\$2.15
Scallops	\$3.99	All Lunches Include	
Fish Sandwich	\$2.99	Fries & Cole Slaw	
Shrimp Melt	\$3.99	(Burgers Not Included)	

SHOP FROM OUR FRESH SEAFOOD MARKET
OPEN 7 DAYS A WEEK • From 10:00 a.m. - 10:00 p.m.

122 Balsam Street
375-3611

MWR offering holiday entertainment

(Continued from Page 1)

to drive patrons home, whether in town or on-Center, from parties that have taken place aboard the Naval Weapons Center clubs in the evenings.

Enlisted military personnel who would like to participate in a mini golf tournament being held by the China Lake Golf Course need to register by Dec. 10. For information, call NWC ext. 2990.

On Dec. 12, the Sierra Academy of Dance, in conjunction with the Children's Centers, will present a holiday spectacular ballet recital at the Youth Center, beginning at 8 p.m. For further information, call NWC ext. 3913.

On the morning of Dec. 16, breakfast with Santa Claus at the Seafarer Club. Sponsored by Youth Activities, this buffet breakfast will include scrambled eggs, bacon, hashbrowns, bis-

cuits, orange juice/milk/coffee, assorted pastries, cream of wheat and dry cereal. Santa will arrive at 10 a.m. to greet the children and to find out what they want for Christmas. Call NWC ext. 2909 for more information.

Not only is this a magical season, but kids (and adults) of all ages will enjoy "Magic Magic," the magic show being presented on Dec. 16 at the NWC Theater from 2 to 3:30 p.m. Children 5 years of age and younger are free; 6-12 are \$1.50 (military), \$2 (DoD), \$2.50 (other); and 13 years of age or older are \$2 (military), \$2.50 (DoD), and \$3 (other).

What is the Christmas season without a hay ride and Christmas caroling? Brave the cold and set aside the evening of Dec. 22 for an evening of fun, laughter and camaraderie. The MWR Sports-

sponsored ride will take off from Hall Memorial Lanes at 6 p.m. Call NWC ext. 3471 for reservations.

Lots of activities are on the calendar for Dec. 24. For those military personnel who have been assigned holiday duty, the Seafarer Club will deliver hot chocolate, pastries and cookies to the Airfield, barracks and Administration Building.

Ending the holiday season will be the New Year's Eve Slumber Party, hosted by Youth Activities. Children 6 to 12 years of age will be able to enjoy skating, bingo, air hockey, basketball, bumper pool and much, much more!

A mandatory sleep time will be held from 1 to 6 a.m. and children must bring their own sleeping bags.

Call NWC ext. 2909 for more information.

Eleanor M. Hovaten, L.C.S.W.
Individual, Marital, Group Therapy

Professional, Confidential
Most Insurance Accepted

1630 N. Norma (619) 446-4119

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

or call the Inspector General at:
(800) 522-3451 (toll free)
288-6743 (Autovon)
(202) 443-6743 (commercial)

HAPPY HOLIDAYS!

NAILS by CINDY KOCH
New # 371-1142 375-7577

Bonding Full Set	\$35
Bonded Fills	\$15
Acrylic Fills	\$17

(incl. 3 tips)
Returned to Hairpros

Gremlin Glass

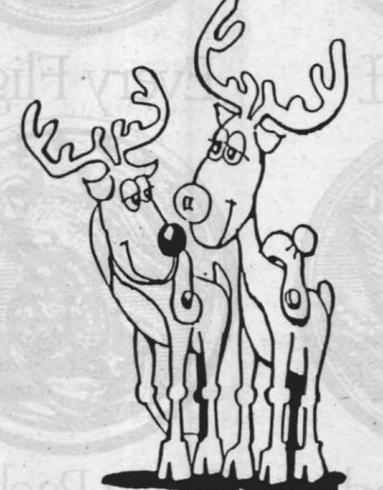
Stained Glass Works

- Windows • Lamps
- Hangings • Free Lessons
- Supplies For The Hobbyist

Specializing in Custom Windows for Home or Office.

375-9597

Santa's Art Shop
12th Annual
Ridgecrest Fairgrounds
Dec. 2nd & 3rd, Sat. 10 A.M. 'til 5 P.M.
Sun. 10 A.M. 'til 4 P.M.
Admission 50¢ (12 years and older)
Over 200 Artists 7 Craftspeople




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 conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity 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. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

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

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

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

No. 25-010, Procurement Clerk (Typing)/Procurement Assistant, DG-1106-1/2/3, Code 254 - Incumbent is responsible for providing clerical support in the form of typing (utilizing Xerox 860 Word Processor), filing, compiling data, maintaining logs, and performing follow-up on action item suspense dates for a wide variety of contractual actions. Maintains instructions and FAR Clause books, reviews correspondence and suspense action items, and receives visitors and telephone calls. Uses a wide variety of guidelines including DoD and Navy Acquisition Regulation books. At assistant level, the incumbent assists Contract Specialists in the administration of complex contracts including monitoring performance and negotiating and writing modifications. Reviews contract files for proper format, documentation and input into automated information processing system. Maintains extensive status of action items for the section. **Job Relevant Criteria for DG-1:** Knowledge of correspondence regulations and contractual terminology; ability to meet with people effectively and prioritize work under heavy workload conditions; **Job Relevant Criteria for DG-2:** Knowledge of Federal Contract Procedures; ability to read and correctly review contracts; ability to organize file documentation; ability to prioritize and process, in an orderly manner, multiple tasks simultaneously. **Job Relevant Criteria for DG-3:** Knowledge of Federal Contract Procedures; ability to compile data and information for negotiation; ability to assemble more complex contracts. Procurement Clerk (Typing)/ Assistants have promotion potential to DG-3, however it is not guaranteed.

No. 31-095, Supervisory Interdisciplinary (General/Mechanical/Aerospace/ Electronics/ Electrical Engi-

Personnel News & Notes

neer/Mathematician/Physicist/Computer Scientist/ Operations Research Analyst) DP-801/830/861/855/850/1520/1310/1550/1515-3/4, Code 3192 - This position is that of Head, Light Attack Aircraft Branch, System Engineering Division, Aircraft Weapons Integration Department. The branch provides systems and software engineering for the AV-8B attack aircraft. As Branch Head, the incumbent directs a multidisciplinary staff which provides tactical aircraft system design, functional analysis, tactical software design, and system and software testing for the AV-8B aircraft. **Job Relevant Criteria:** Knowledge of avionics, aircraft systems, and the systems engineering process; knowledge of tactical systems software, operational software development and digital computer simulation; knowledge of and willingness to support NAVWPNCEN's EEO policies; ability to analyze. A one-year supervisory probationary period may be required. If filled at the DP-3 level, this position has potential to the DP-4; however, promotion is not guaranteed.

No. 31-096, Supervisory Computer Specialist DP-334-3/4, Code 3192 - This position is that of Head, Light Attack Aircraft Branch, System Engineering Division, Aircraft Weapons Integration Department. The branch provides systems and software engineering for the AV-8B attack aircraft. As Branch Head, the incumbent directs a multidisciplinary staff which provides tactical aircraft system design, functional analysis, tactical software design, and system and software testing for the AV-8B aircraft. **Job Relevant Criteria:** Knowledge of avionics, aircraft systems, and the systems engineering process; knowledge of tactical systems software, operational software development and digital computer simulation; knowledge of and willingness to support NAVWPNCEN's EEO policies; ability to analyze. A one-year supervisory probationary period may be required. If filled at the DP-3 level, this position has potential to the DP-4; however, promotion is not guaranteed.

No. 39-097, Interdisciplinary (Computer Scientist/Mathematician/Physicist/Electronics Engineer) DP-1550, 1520, 1310, 855-2/3, Code 3922 - This position is located in the Missile Software Branch, Concept Development Division, Intercept Weapons Department. The incumbent will be part of a team involved in the design, development and testing of the operational flight program for the AIM-9R (Sidewinder) missile. The AIM-9R missile incorporates multiple microprocessors in support of a state-of-the-art imaging seeker. The project is in full scale engineering development with system testing in the Simulation Laboratory, captive flights and missile firings. The incumbent would be responsible for a portion of the OFP including algorithm verification, software design, testing and documentation. The incumbent would also participate in system level test and evaluation. **Job Relevant Criteria:** Ability to use assembly languages, for example, 68000; ability to work with a team; ability to plan, schedule and coordinate technical work as part of a major project; ability to communicate orally and in writing; ability to perform software documentation.

No. 39-098, Supervisory Electronics Engineer, DP-855-3, Code 3943 - This position is Head, Advanced Signal Processing Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent manages and provides technical direction for the design, analysis, test and evaluation of electro-optical guidance and target acquisition subsystems for use in anti-air missiles. The branch provides an electro-optical signal processing technology base to NAVWPNCEN. **Job Relevant Criteria:** Ability to perform design, analysis, test and evaluation of electro-optical guidance and target acquisition subsystems for use in anti-air missiles; ability to coordinate/negotiate with Center, Navy, DoD and contractor organizations in defining technical and management objectives and controlling/reporting processes; ability to supervise an interdisciplinary professional workforce; ability to communicate both orally and in writing; ability to implement EEO policies and procedures.

No. 62-079, Supervisory Multidisciplinary (Engineering Technician/Electronics Technician), DP/DT-802/856-3, Code 6236 - This position is located in the Radar Branch, Instrumentation Systems Division, Range Department. As

Branch Head, the incumbent is responsible for the definition of new instrumentation radars, improvements to seven existing radar systems, operations and maintenance of North Range radars and radar transponders, management and supervision of branch personnel, representation of instrumentation radars to the Range Commander's Council and participation with division and department managers in support of range projects and operations. Total system responsibilities include remote controlled video theodolites, video camera subsystems, computer controls and data recording devices and communication control links between radar system components. **Job Relevant Criteria:** Knowledge of radar systems/components; knowledge of data collection systems; knowledge of video and servo systems; ability to supervise technical personnel; ability to manage projects; ability to communicate both orally and in writing with all levels of personnel, including contractor personnel. Ability and willingness to support NAVWPNCEN EEO goals and objectives. Incumbent may be required to serve a one-year supervisory probation period. Promotion potential to DP-3. Previous applicants need not reapply.

No. 62-081, Electronics Technician, DT-856-1/2/3, Code 62533 - This position is located in the Telemetry Branch, Data Systems Division, Range Department. The incumbent will perform duties on the NAVWPNCEN ranges and Randsburg Wash in mobile trailers or temporary shelters located at range test sites. The duties include the design, modification, and installation of specialized instrumentation systems to acquire velocity, acceleration, pressure, stress, displacement, event, and temperature data from all types of structures, vehicles, and ordnance items. **Job Relevant Criteria:** Knowledge of digital and analog test instrumentation; knowledge of data collection, recording and processing; ability to convert mechanical phenomena to electrical signals for data collection. Promotion potential DT-3.

No. 62-078, Supervisory Interdisciplinary (General Engineer/Mechanical Engineer/Electronics Engineer/Physicist) DP-801/830/855/1310-3, Code 6236 - This position is located in the Radar Branch, Instrumentation Systems Division, Range Department. As Branch Head, the incumbent is responsible for the definition of new instrumentation radars, improvements to seven existing radar systems, operations and maintenance of North Range radars and radar transponders, management and supervision of branch personnel, representation of instrumentation radars to the Range Commander's Council and participation with division and department managers in support of range projects and operations. Total system responsibilities include remote controlled video theodolites, video camera subsystems, computer controls and data recording devices and communication/control links between radar system components. **Job Relevant Criteria:** Knowledge of radar systems/components; knowledge of data collection systems; ability to supervise technical personnel; ability to manage projects; and ability to communicate both orally and in writing with all levels of personnel including contractor personnel. Ability and willingness to support NAVWPNCEN EEO goals and objectives. Incumbent may be required to serve a one-year supervisory probation period. Promotion potential to DP-3. Previous applicants need not reapply.

No. 39-101, Interdisciplinary (Computer Scientist/Mathematician/Physicist/Electronics Engineer) DP-1550, 1520, 1310, 855-2/3, Code 3922 - This position is located in the Missile Software

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date 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 applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 39-101, Interdisciplinary (Computer Scientist/Mathematician/Physicist/Electronics Engineer) DP-1550, 1520, 1310, 855-2/3, Code 3922 - This position is located in the Missile Software

(Continued on Page 14)

Santa's Helper 5K Walk/Run takes place December 9

Walkers and runners, the second annual Santa's Helper 5K Walk/Run will be held Saturday, Dec. 9. This event is held annually to benefit the Ridgecrest Women's Shelter Network.

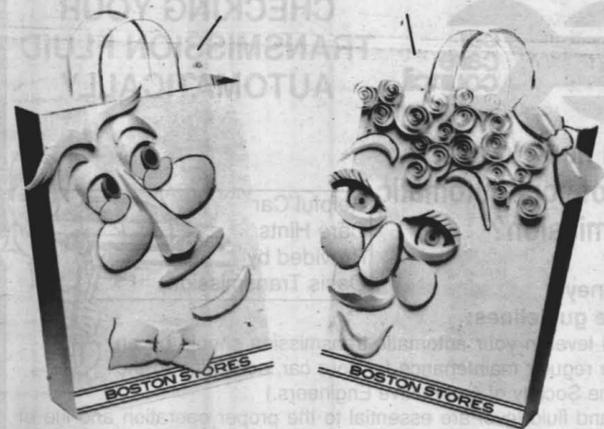
The 5K will start and finish at the NWC Youth Gym on the corner of Richmond Road and King Avenue. Sign-ups start at 8 a.m. with walkers starting at 8:45 a.m. and runners starting at 9 a.m. A tax deductible donation (i.e. run fee) of \$12 includes a t-shirt, awards and prizes. For additional information, call Melissa Dukes at 446-7491.

For additional information, call Melissa Dukes at 446-7491.



\$1,000,000 Semi-Annual Intimate Apparel Sale.

"Are you going to get any intimate apparel?" "You'll never know!"



25 to 50% off

Just in time for the Holidays. Special gifts for that special someone.

Deena Sleepwear. Choose from a wide variety of graceful holiday silhouettes with feminine detailing in warm and cozy fabrics. Reg. to \$32. **Sale 33% off.***

Entire stock of Playtex 18-Hour bras and girdles. **Sale 25% off.***

Entire stock of WOW bras by Playtex Limited. **Sale 25% off.***

Entire stock of Warner's daywear. Reg. to \$10. **Sale 33% off.***
Entire stock of Cuddle Duds warm daywear. Reg. to \$18. **Sale 33% off.***
Entire stock of Deena and Indulgence daywear. Reg. to \$18. **Sale 33% off.***
Jilandre thermal knit snuggles. Orig. to \$18. **Sale 33% off.***

Famous maker robes. Orig. to \$45. **Sale \$29.97.**
100% cotton flannel gowns, pajamas, and night shirts. Orig. to \$28. **Sale 40% off.**
Komar brushed gowns. Beautiful styles in warm anti-static brushed fabric. Reg. to \$36. **Sale 33% off.***
Satin sleepwear. Choose from many styles in holiday colors. Orig. to \$32. **Sale 33% off.**
Assorted sleepwear. Tricot styles in a variety of silhouettes and colors. Orig. to \$20. **Sale 50% off.**
Brushed sleepwear. Orig. to \$26. **Sale 40% off.**
Brush back satin sleepwear. Orig. to \$44. **Sale 40% off.**
Entire stock of Olga bras. **Sale 25% off.***
Entire stock of Vanity Fair bras. **Sale 25% off.***
Entire stock of regular price "Fully" bras by Exquisite Form. **Sale 25% off.***
Entire stock of Warner's bras. **Sale 25% off.***
Entire stock of regular price "Magic Lady" control panties by Exquisite Form. **Sale 25% off.***

Entire stock of "Lose It" girdles by Exquisite Form. **Sale 25% off.***
Olga Scoops. Panties with the famous fit. Reg. to \$10. **Sale 33% off.***
Selected panties in cotton and fancies. Orig. to \$6. **Sale 33% off.**
**Discount taken at register. Some items not available in some stores. Intermediate markdowns may have been taken.*

We always gift wrap Free.

BOSTON STORES

Your friendly neighborhood department store with famous brands.

- ANAHEIM** (714) 776-2270
- HEMET** (714) 652-2988
- MISSION VIEJO** (714) 581-6600
- POMONA** (714) 593-0212
- RIDGECREST** (619) 375-3567
- VICTORVILLE** (619) 241-7667
- CAMARILLO** (805) 482-1626
- LANCASTER** (805) 945-8653
- PLACENTIA** (714) 993-4141
- POWAY** (619) 748-2960
- ROSSMOOR** (213) 430-1001
- WHITTIER** (213) 947-2891
- DIAMOND BAR** (714) 861-5143

F/A-18 work brings recognition



SIX YEARS OF OUTSTANDING LEADERSHIP-- over the F/A-18 Weapons Systems Support Activity (WSSA) earned Rich Bruckman (left) the Navy Superior Civilian Service Award, presented here by Capt. John Lockard, F/A-18 program manager at NAVAIR. The award is the second highest honorary award under the Navy's Incentive Award Program. Photo by PHAN Cary Brady

(Continued from Page 1) technical and managerial skills have increased the credibility of the U.S. Navy as a leader in the field of computer software support and established an unprecedented level of operational capability for the F/A-18 aircraft...Your accomplishments have brought great credit to you and NAVAIR, and they are in keeping with the highest traditions of the U.S. Navy.

The letter was signed "Super!" by RAdm R. C. Gentz, Commander of NAVAIR.

Bruckman left his post as head of the F/A-18 Weapons Systems Support Activity (WSSA) earlier this year to become the associate head of the Aircraft Weapons Integration Department. Capt. Lockard said he had known Bruckman since 1975

and felt some of the close program ties went away with his departure from the program.

Honored and surprised by the award, Bruckman was also a little sad. He wished he could somehow split the medal into 300 pieces to share with the people who supported him and deserved a lot of the credit. He said "I never felt satisfied that I could reward this team until I realized that the program has its own rewards. Everyone comes into work each day--and every few months a product is sent out to the fleet."

Realizing a successful end product is indeed a great reward for dedicated work. Bruckman plans to find the time personally thank each member of the Naval Weapons Center's F/18 WSSA team during the coming months.

Holiday Traffic Safety Seminar offers lessons for China Lakers on the road

Jack Ware, a retired police sergeant known for his work in traffic safety, will be the guest speaker at the Holiday Traffic Safety Seminar scheduled for 2 p.m. on Dec. 13 at the NWC Theater.

According to Phil Sodergren, Safety Program Office, the seminar was originally designed for military personnel who went home for the holidays. Through the years, the seminar has expanded to include DoD person-

nel who wanted to increase the safety of themselves and family while traveling.

"We want to give them the best pointers on how to lessen the chances of an accident," said Sodergren, "and show them what they can do to increase their chances of survival in a worst case scenario."

This year's seminar will be the first to include a nationally known speaker. Ware's experience includes being a state troop-

er with 23 years of experience investigating highway accidents. While assigned to the Traffic Safety Division of the Michigan State Police, this riveting speaker began promoting traffic safety to business people, youth groups and education classes. In 1979, the Media Group filmed one such presentation -- *Room to Live*. The first in a series of five films promoting traffic safety, *Room to Live* presents a powerful message -- seatbelts save lives.

\$3,000,000

MENSWEAR SALE. SAVE UP TO 50% OFF.

This is a sale even Scrooge wouldn't miss.



Save in every Men's department.

- Sport Coats
- Dress Slacks
- Casual Pants
- Jeans
- Underwear
- Socks
- Pajamas
- Robes
- Dress Shirts
- Ties
- Belts
- Wallets
- Gifts
- Accessories
- Outerwear
- Activewear
- Sport Shirts
- Sweaters

Save on famous brands like these:

- Haggar
- Levi's
- Camp
- Swank
- Aris
- Givenchy
- Wembley
- Botany 500
- W. Koury Co.
- Adler Leather
- Christian Dior
- Prince Gardner
- Oscar de la Renta
- Pacific Trail
- Van Heusen
- Members Only
- Alexxus
- Arrow
- Woolrich
- London Fog
- Sportswear
- Pierre Cardin
- C.C. Sport
- Munisingwear
- Greenline
- Jockey
- John Weitz
- Jantzen

Some items not available in some stores. Intermediate markdowns may have been taken.

We always gift wrap free.

BOSTON STORES

Your friendly neighborhood department store with famous brands.

- ANAHEIM** (714) 776-2270
- HEMET** (714) 652-2988
- MISSION VIEJO** (714) 581-6600
- POMONA** (714) 593-0212
- RIDGECREST** (619) 375-3567
- VICTORVILLE** (619) 241-7667
- CAMARILLO** (805) 482-1626
- LANCASTER** (805) 945-8653
- PLACENTIA** (714) 993-4141
- POWAY** (619) 748-2960
- ROSSMOOR** (213) 430-1001
- WHITTIER** (213) 947-2891
- DIAMOND BAR** (714) 861-5143

More than 217 participate

Thanksgiving Day race declared a success

The Over-the-Hill Track Club started its annual Turkey Trot race at 10 a.m. on a beautiful Thanksgiving Day. Perhaps because of the nice day, a record-breaking crowd of 217 people and four dogs entered and finished the slightly hilly three-mile run which started and ended in the parking lot at Cerro Coso Community College. This is an increase of about 100 people over previous years. In addition to the four dogs, the entrants included men and women of ages from about 4 to 78 years old.

The race was run under a "blind handicap" system, in which the runner draws a handicap after finishing the run. The handicap is then subtracted from the runner's clock time to get his or her handicap time. This gives all finishers an equal chance of winning.

Prizes, awarded based on the handicap times, went through 50th place.

The luck of the drawing was that all top fifty finishers managed to draw a handicap good enough to

have negative finish times. First prize, a large turkey from Tender Cut Meats, went to Jeannette Black, for a handicap time of -7:45. Second prize, a small turkey also from Tender Cut Meats, went to Marc Frame for a handicap time of -7:34. Third and fourth prizes were gift certificates from Comelius' Shoe Store. Third went to Rose Green (-7:34), and fourth went to Marla MBride (-7:05). Fifth prize was a gift certificate from Sports Oasis, which went to Kay Wilson (-6:46).

The club followed its old custom of giving a rubber chicken for the fast time award. The rubber chicken for this year went to Marc Frame for a finishing time (clock time) of 17:26. Other prizes, included hats, T-shirts, tote bags, and medals.

A good time was had by all, and except for one group who took advantage of the nice weather to picnic in the college parking lot, all the entrants went home with a good appetite worked up for Thanksgiving Dinner.



Basketball clinic set

Coaches, assistant coaches and referees for Youth Basketball need to attend a meeting and free clinic on Sunday, Dec. 10. This mandatory clinic, organized by Rick Booth, will be held from 12:30 to 4:30 p.m. at the Youth Center.

Team shirts, rule books and game rosters will be passed out to all coaches at that time.

For further information, please call Booth at NWC ext. 7233 or Myriam at NWC ext. 2909.

Bowlers at Hall Memorial Lanes remain competitive

Hall Memorial Lanes' bowling leagues' current standings for the year are as follows:

NWC Code League		Points	
Team Name	Won	Lost	
Code 612	29.0	7.0	
Code 22941	24.0	12.0	
Code 006	19.0	17.0	
Code 232	18.0	18.0	
Code 214	17.0	19.0	
Code 25	17.0	19.0	
Code 22/2	16.0	20.0	
Code 24	15.0	21.0	
Code 352	14.5	21.5	
Code 22/1	10.5	25.5	

Midway-Desert	
Desert Garage Doors	195 135
Bill's Gems	193 137
Desert Imports	167 163
Ten Pins	149 181
G-Men	145 185
Strike Force	141 189

Women's Wed. Night Handicap	
Hi-Lo's	29.0 11.0
Slow Starters	26.0 14.0
Hockett's Builders	24.0 16.0
Roadrunners	21.0 19.0
Mr. T's Bun Watchers	18.0 22.0
"Just The Family"	16.0 24.0

Thursday Night Open Scratch	
Team #3	83.5 76.5
Ps and Q	80.0 80.0
X-Rated (-20)	80.0 60.0
Team #1 (-40)	72.0 48.0
Just Us (-40)	51.0 69.0
Team #6 (60)	34.0 66.0

Sunday Night Mixed	
Misfits	28.0 16.0
Fire & Ice	25.0 19.0
Tired & Retired	24.0 20.0
Should Of Been	22.0 22.0
Do's & Don'ts	22.0 22.0
Screw Ups	22.0 22.0
Desert Rats	21.0 23.0
Gutter Balls	20.0 24.0
Oop's	19.0 25.0
Blu Jeans	17.0 27.0

Monday Night Mixed	
Pins-R-Us	25.0 15.0
Screw Balls	23.0 17.0
STRAF	23.0 17.0
Rally Bunch	23.0 17.0
Dunigans Raiders	22.0 18.0
Mad Bombers	21.5 18.5
The Losers	21.0 19.0
Warriors	14.5 25.5
Odd Man Out	13.0 27.0
Half Knots	10.0 30.0



Thirty-six seek tennis tourney championship

Suzanne and Johnny Haney took the Mixed Doubles, A Division when they defeated Linda and Bill Duncan in the China Lake Tennis Club's Mixed Doubles Tournament held recently on the China Lake Tennis Courts. A total of 36 people vied for the championship title.

Ellen Davidson and Bob Forrester triumphed over Betty and Mike Alely to win the B Division; while Mary and David Gregg beat Terry and Dennis Rowell in the C Division.

The winners were awarded gift certificates from The White Star Dining Co., John's Pizza and Al & Reed's Ice Cream Store. Following the tournament, a social was held at The White Star Dining Co.

The China Lake Tennis Club's 1990 season will begin with a membership meeting in February. At that time, the business of membership signups, election of new officers and meeting the new members (checking out the competition) will be conducted.

THINK PAT CLARK Prudential 375-8752

THE CALIFORNIA KIDS
 233 Balsam Street
 Formerly The Pinafore Shoppe
 Childrens Clothing & Accessories - Infants to Size 14
New Holiday Fashions
50% Off All Junior Girls & Boys from Size 2-20
 We carry fashions by:
 • Mini World and Mini World's Debut Line
 • Alexis • Amy Byer
375-4854
 New Holiday Fashions Arrive Daily

"Give the Gift of Art"
 Santa Suggests;
 • Oils • Acrylics
 • Water Colors
 • Pastels
 • Air Brushes
 • Frames
 • Art Books
 • Brushes
HOME DECORATING CENTER Mon-Sat 9-6
375-4800
 136 N. China Lake Blvd.

High scorers aid leagues in play

Everyone has good and bad days, even bowlers. Highlights of individual scores for league play last week at Hall Memorial Lanes follows:

NWC Code League -- Debbie Ashley and Mitzi Schmid had the high scores for women, while Bob Samchisen, Steve Roy and Curtis Kelley scored high for the men. Romy Enrile had a high three-game series of 558.

Midway-Desert League -- Casey was the high scorer with a score of 265 and Kelley followed close behind with a score of 264.

Women's Wednesday Night Handicap League -- Congratulations go to J. Winkler and V. Walker for their high scores of 203 and 207, respectively.

Thursday Night Open Scratch -- Pat, Sharon and Brenda had the high series for the women, while Jay, Curtis and Robert had the three high series for men.

Sunday Night Mixed League -- Ralph Corn bowled a 272 and Homer Basque racked up 268 points for the men and Pam Macellino earned 253 points and Lois Smith tallied 252 for the women.

Monday Night Mixed -- Craig Stump, Bill Booth and Jay Gallagher were high scorers for the men with scores of 227, 224 and 218, respectively. High scorers for the women were Nancy McCaleb, Connie Zeno and Faith Maxey, with scores of 213, 212 and 198, respectively.

FCCM Legler excels in rifle matches

Master Chief Ralph Legler, a member of the NWC Rifle Club, once again did the Navy and NWC proud and proved he was a distinguished shooter during recent competitions.

FCCM Legler competed in the 31st Annual High Desert Rifle Championships against individuals and teams from the Navy, Marine Corps, National Guard, Army and Air Force.

The distinguished shooter took three out of six individual matches and was first overall in the High Master Category. The team he coached won the 1000 yard match in the Master Class.

The NWC Rifle Club will be out in force tomorrow at the NRA sponsored rifle competition at the NWC Rifle Range. The fun starts at 7:30 a.m. The public is invited to attend.

car care council
CHECKING YOUR TRANSMISSION FLUID AUTOMATICALLY
 Why do you need to check the fluid level of your automatic transmission?
 Helpful Car Care Hints Provided by Oasis Transmission
Save yourself money by following these guidelines:
 Checking the fluid level in your automatic transmission should be an important part of the regular maintenance for your car, according to the members of SAE, (the Society of Automotive Engineers.)
 The correct fluid and fluid level are essential to the proper operation and life of your automatic transmission, but the fluid checking procedure varies from car to car. You should refer to your owner's manual to learn how to check the transmission fluid level as well as for the proper fluid type and servicing interval. It is important to remember that vehicles driven extensively in heavy city traffic during hot weather or those used to pull trailers should have their transmission fluid changed more frequently and may require installation of an auxiliary cooler. Transmission fluid doesn't last forever and may break down or oxidize under heavy or abusive service.
Some danger signals to look for when checking your transmission fluid.
 ■ It should be red in color.
 ■ It should look clean, clear, and not foamy or frothed.
 ■ It should not have a burned smell.
 If the fluid in your transmission is discolored or smells bad, change it and the filter. Then keep an eye on the fluid condition to be sure that the transmission is operating properly.
 For more information, send 25¢ and a self addressed, stamped envelope to: Transmission, c/o Car Care Council, 600 Renaissance Center, Detroit, Michigan 48243.
Transmission
 1501 N. Mahan 446-3612

25MHz 80386 32K Cache system
 32K Cache only \$2,495 32K Cache
80386 25MHz zero-wait state AT system with 32K cache:
 the I/O-bus clock is set separately from CPU clock so you can run even old add-on cards, sockets for 80387 or Weitek math coprocessor, at boot time the BIOS is shadow copied to RAM for even higher performance, true 25MHz processor & chip set, MS-DOS & OS/2 compatible. Full system: 1MB RAM (up to 16MB on motherboard), 1.2MB/360K floppy disk drive, 48MB high-performance hard drive, high-resolution monochrome monitor, serial & parallel ports, your choice of a very nice AT case or the new speed-display full-size tower, MS-DOS 4.01, now only \$2,495. 6-month lock on maximum upgrade costs: 1MB \$99, VGA \$399, 1.44MB floppy \$79. Made in U.S.A.
 2-year warranty (1-year on hard disk)
 Computing Technology's
Computer Store
 249 Balsam 375-5744 next to the Music Man

IDT TECHNICAL SEMINAR
 Sponsored by Insight Seminar
WEDNESDAY, DEC. 6th
SEAFARER CLUB
 (EM Club)
9:00 a.m. to 11:00 a.m.
 The following products are to be covered in a seminar with emphasis on new products.
 • MIPS RISC PROCESSOR • FIFOS
 • STATIC RAMS • DSP BUILDING BLOCKS
 • MULTI-PORT SRAMS • DATA CONVERSION
 • MODULE PRODUCTS • LOGIC
 MIL-STD-833 AND DESC APPROVED PRODUCTS
 Data Books to be Provided at Seminar
 Contact Sun Choe (IDT) 714-641-0601

FAMILY COTTAGE CAFE
 411 S. China Lake Blvd. • Open 7 days • 5 a.m. - 2 p.m.
 Good Food • Decent Prices
 Active Duty Military & Senior Discounts
375-2925
 Separate Dining Room to serve up to 44 people weekdays
 S.I.G. Meetings • Parties • Retirements
 • Church's • Business • Ad Hoc • etc.

386SX: only \$1,695
Complete 48MB System
 16MHz zero wait state AT. Complete Foundation/PC Craft system with one 1.2MB/360K & one 360K floppy drives, serial & parallel ports, high-resolution mono display & adapter, 2MB RAM (motherboard holds up to 8MB RAM), high-performance 48MB SCSI hard disk, battery-powered clock & calendar, your choice of baby tower or standard case, enhanced AT-style keyboard, your choice of MS DOS 3.3 or 4.01, word processor and other application and utility s/w. Runs it all: DOS, Unix, OS/2, & Windows/386. 80387SX socket, I/O bus speed separate from CPU clock. Optionally, either or both BIOS & video are shadow copied to RAM for even higher performance. Adjustable-size on-board EMS & on-board disk cache. 2-year warranty on system, 1-year hard drive. Only \$1,695. VGA system only \$2,095. 1.44MB floppy disk upgrade add \$30. Made in U.S.A.
 Computing Technology's
Computer Store
 249 Balsam St. 375-5744 Next to the Music Man