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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 41/October 13, 1989

Military honors accorded four from Center

Last week at a ceremony in Hangar Three, four enlisted Navy members of the Aircraft Department received commendations from NWC Commander, Capt. Douglas W. Cook.

All Navy personnel attached to the Naval Weapons Center's Aircraft Department were on hand as Chief Aviation Fire Control Technician Fred Sawyer and Aviation Electronics Technician First Class, Manuel Barroga, Jr., received Navy Achievement Medals. Aviation Maintenance Administrationman Third Class,

Scott Fielder and Operations Specialist First Class, Bruce Katz both were honored with the Navy Good Conduct Award. The award was Katz's second of its kind.

Chief Sawyer was cited, "For leadership and professional achievement in the superior performance of his duties while serving in the capacity of leading Chief Petty Officer of the Ordnance Division of the NWC Aircraft Department from Sept. 15, 1988 to Jan. 3, 1989. Working entirely out of his rate, he volunteered his time and dedicated himself to reorganizing the

administration and training programs of the Ordnance Division.... Through his efforts the Ordnance Branch received grades of outstanding on their Quality Assurance, Personal Qualification Standards and Technical Publications audits."

AT1 Manuel Barroga was awarded his Navy Achievement Medal for superior performance while assigned to the USS BELLEAU WOOD from Mar. 1986 to Aug. 1989. While serving as Calibration Laboratory Work Center Supervisor, "Petty Officer Barroga consistently performed his

demanding duties in an exemplary and highly professional manner...In recognition of his exceptional performance, BELLEAU WOOD was awarded an unprecedented sixth consecutive *Measure Program Outstanding Activity Awards*." His citation was signed by RAdm. Edward Baker, Commander, Amphibious Group Three.

The Navy Achievement Medal, presented by the Secretary of the Navy, honors members for performance in keeping with the highest traditions of the Naval Service.



WELL-DESERVED SALUTE--goes to the four enlisted men of the Aircraft Division who received commendation at a Center ceremony on Oct. 2. NWC Commander, Capt. Douglas Cook, presented (left to right): good conduct awards to OS1 Bruce Katz and AZ3 Scott Fielder; and Navy Achievement Medals to AT1 Manuel Barroga Jr. and AQC Fred Sawyer.

Schiefer takes DC position as the DNL

Bill Porter will succeed as NWC Technical Director

Gerald R. Schiefer, Naval Weapons Center Technical Director, leaves China Lake next Monday to become deputy commander of the Space and Naval Warfare Systems Command and Director of Navy Laboratories (DNL).

William B. Porter, deputy laboratory director at NWC, has been approved as the technical director to succeed Schiefer at China Lake. Like Schiefer, Porter has been at China Lake since coming here as a junior professional engineer. "I have great respect for Bill Porter and his ability. I feel confident in leaving with him becoming the technical director," said Schiefer.

"I go willingly. I see it as a good challenge and broadening experience. I've had shore duty for 30 years at China Lake and now it's time to go to sea," commented the outgoing technical director.

While Schiefer has been asked

and declined to take the DNL position in the past he said it was different this time because as the deputy commander he reports directly to RAdm. John Weaver, Commander, SPAWAR and the position, as now structured, has expanded responsibilities from just being the DNL.

"What really makes it different now is what's happening in the Department of Defense (DoD). Recent studies are proposing significant streamlining of the way we do business in the Navy and DoD," said Schiefer. "I think I can bring the China Lake experience and my personal experience of 30 years to help with this new streamlined philosophy of acquisition in the DoD and the Navy."

Another key concern is moving technology from the labs and the developers to the fleet. Again, the China Lake experience in transitioning programs is second (Continued on Page 7)

Navy celebrates 214 years service to the Country

Today the U.S. Navy, the greatest Navy in the world, celebrates its 214th birthday. That's 214 years of defending the shores of this great nation and freedom throughout the world. That's 214 years of vigilance and that's 214 years of dedication and sacrifice by the men and women, civilian employees and military personnel who make up this Navy.

While China Lake has been a part of the Navy family for just 46 of those 214

years, the Naval Weapons Center and the U.S. Navy are part of an effort of continuous improvement aimed at developing the best ordnance in defense of the country.

Despite the 168 years that separate the founding of the U.S. Navy and the establishment of the Naval Ordnance Test Station at Inyokern, the roots of NWC are intertwined with that of the Navy. Before the white man first set foot in the Indian Wells Valley, the Navy was developing a

tradition of ordnance research.

That tradition continues today with the Naval Weapons Center as one of a series of "centers of excellence", Navy laboratories with the goal of meeting the need of the fleet for aircraft, ships, weapons systems and support.

•Oct. 13 1775, U.S. Navy established by Continental Congress

•Sept. 23 1779, John Paul Jones and the *Bonhomme Richard* capture the *Ser-*

apis off the coast of Ireland. He was the only commander in history to have lost his ship in a battle and return to port in the one he defeated.

•May 18, 1798, Benjamin Stoddert appointed the first Secretary of the Navy. The total payroll for his office was \$9,125 and he got \$4,500 of it.

•Oliver Hazard Perry in the *Lawrence* met the British fleet in the Battle of Lake (Continued on Page 10)

China Lake Calendar

Sat. Oct. 14
... The Seafarer Challenge--CPOs vs. POs

Sat. Oct. 14
... Air Fair 89, 10 a.m.-4 p.m., Inyokern Airport

Wed. Oct. 18
... Association of Old Crows meeting, 5 p.m., Michelson Lab, Rm. 1000D

Sat. Oct. 21
... Maturango Junction Day, 8 a.m.-6 p.m., Kern Regional Park

Thurs. Oct. 26
... IEEE Videoconference on RISC, Heritage Inn Flight Deck, 9 a.m. to noon

Fri. Oct. 27
... Halloween Bash at the O'Club, 6:30 p.m., reservations 446-6929.

Sat. Oct. 28
... Wellness Program's China Lake Challenge, 1 p.m., Burroughs High football field

Tues. Oct. 31
... Halloween Carnival, 6-9 p.m., Joshua Hall, Desert Empire Fairgrounds

Tues.-Thurs. Oct. 31-Nov. 9
... Embedded Computing Technology Symposium, Rm. 1000D, Michelson Laboratory

Coming Attraction:
Marine Corps Ball, Nov. 9, NWC Seafarers Club

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

Payroll & Travel switch places

Payroll and Travel Branches are moving! In an effort to maximize allocated space in the Customer Services Division (Code 285), the Payroll Branch (Code 2853) and the Travel Branch (Code 2854) will be trading offices. On Oct. 17, the Travel Branch will move from the Administration Bldg. to Bldg. 02330 (the white trailer behind the Training Center). Travel will be in that location for approximately four to six weeks. On Oct. 19, the Payroll Branch will move from Rms. 102 and 1040 to Rm 103A in the Administration Bldg. (where the Travel Branch was housed). Room 103A will be the new permanent space for the Payroll Branch.

When the Travel Branch moves again, they will move into their permanent location in the remodeled Rm. 102 of the Administration Bldg. (where payroll used to be). **The phone numbers for both Travel and Payroll will remain the same, even during Travel's "in-transit" time in Bldg 02330.** However, from Oct. 17-19 please be patient if calls are not answered promptly due to the move of both branches. Employees traveling during the week of Oct. 17 should submit travel orders as soon as possible to ensure processing without a hitch. During the four to six weeks following the move, the Travel Branch will send a courier to Disbursing at least twice per day, so travelers need to keep this in mind and submit orders as soon

as they find out they are going on travel. The Travel Branch will expedite any true emergencies during this time, however, travelers' timeliness in submitting their orders will be appreciated. During the four to six weeks that Rooms 102 and 1040 undergo remodeling, the Payroll Branch will have access to their vault records only twice per day. If NWC employees need to talk to their payroll clerk regarding records during this time, please call the branch at NWC ext. 2121 in order to make an appointment. This will ensure that clerks are able to retrieve employees' records. Watch for announcement of the move completion in the *Rocketeer*.

Wellness Corner



The CHINA LAKE CHALLENGE is open to all Naval Weapon Center employees, active duty military, attached activities, and their families. Family members are defined as spouses and dependent children. The first year is very much a learning year for all of the volunteers who will make this event happen. It is hoped that the event will be successful and become an annual happening. At that time, expansion to include contractors will be explored.

Here is information on a couple more events in the China Lake Challenge. Hackey Sack will have two divisions -- department and family members. For the department division, each department can enter its eight best hackey sackers for each age category: 18-35 and 36 and over. Family members competition will consist of three age categories: 11-17, 18-35, and 35 and over. Fifteen names may be submitted for this division. For more information contact Alex Lopez, Code 304, NWC ext. 3032. Names must be submitted by Oct 18.

Code 232 is sponsoring a boffer tournament: single (age 16+), single (8-15), and 5-person team melee. Contact Lt. Taylor at NWC ext 2911 for more information.

Remember that you can receive participation points by attending the Wellness Program sponsored low impact aerobic dance classes the week prior to

the China Lake Challenge. Class times are:
•CLPL--Bldg. 115; Monday, Tuesday, Wednesday and Friday, 4 p.m.

•PW--A/C shop lunch room; Monday and Wednesday, 4:15 p.m.; Tuesday and Thursday, 4:45 p.m.

•Airfield--Parasystems Bldg; Monday, Tuesday, Thursday and Friday, 4:40 p.m.
•Youth Gym--Monday through Friday, 5:15 p.m. Begin the habit now and continue past the Challenge.

The High Sierra Cyclists are sponsoring a perceived-time bicycle time trial on Oct 28. Registration opens at 8 a.m. at the corner of Downs and Inyokern Road. The route is along the north side of Inyokern Road, with the finish on Clodt Road. The distance is 6.8 miles. Entry fee is \$2 and helmets are required. No watches, bike computers or any other timing device allowed. For more information, contact Dieter Weik, 377-4287. And of course, points will be awarded for the China Lake Challenge.

If you are interested in helping at the awards booth or with any of the many administrative details, please call Betty or Pat, NWC ext. 2468. We will be sure you receive those participation points.

Putting profits into programs

ESB-sponsored activities assist MWR

Doris Funk, Employee Services Board (ESB) manager and William R. Blanc, one of the newest board members, presented Morale, Welfare and Recreation Division(MWR) a check for \$500 this week. Jim Bowen, MWR head, accepted the check on behalf of MWR. According to Bowen, the money will be used wherever needed to help keep


losses down.

ESB is supervised by a five-member board appointed by Command, a union representative and a technical advisor. The ESB manager can be reached at NWC ext. 2929.

ESB controls the contracts for the Bennington Plaza Barber and Beauty Shop, the Sandwiches 'N Things catering trucks, the Recy-

cling Center and a shoemobile which visits the Center every six weeks. The profits represented by the check are gained from these ESB-sponsored activities.

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)



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Ads up to 20 lines.....	\$10.00
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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

15 HELP WANTED

BURGER KING is hiring openers, cashiers. Apply, in person, at 139 N. China Lake Blvd. Advancement Opportunities.

FULL-TIME CLERK APPLY IN PERSON, BEFORE 2PM AT BILL'S LIQUOR. 301 INYOKERN RD. RIDGECREST.

20 RENTALS

2BR, 2BA, fenced front & backyard. Available Nov. 1. All appliances. Pets O.K. \$470/mo. & Security. 375-6307.

GALA APTS, 1 BEDROOM furnished - \$400/mo. 375-9124.

GALA APTS, SENIORS-Rent/Meals/Utilities FREE w/\$25,000 refundable deposit. 375-9124.

30 SERVICES

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

BLACK HAIR CARE RELAXERS, Wave Nouveau's, Curls, Ppressed Hair Tool! 446-4859.

FIREWOOD - Almond, Apple, Pine & Fir. 377-4465. Wilhorn & Sons Firewood Sales.

Headaches, stiff neck, back aches, due to injury, stress or required posture at work? Massage therapy is the answer. Tues.-Sat 446-4859 for appt.

30 SERVICES

Massage Therapy acts as a cleanser hastening the elimination of waste and toxic debris. Tues.-Sat. 446-4859 for appt.

PHYSICIANS IN MANY BRANCHES of medicine, orthopedics, neurology, psychiatry, geriatrics, etc., recommend massage therapy for the relief of mental & physical fatigue. Tues.-Sat. 446-4859 for appt.

35 AUTOMOTIVE

1986 FLEETWOOD Jamboree Model 265. Microwave, Gen., Dash & roof air, storage pod, loaded. Low mi. transferable warranty on powertrain & appliances to 1991. XLNT cond. See at 302 Desert Candles, R/C.

YAMAHA V1 RAGO 750 - 'Really clean, excellent condition, brand new tires. \$800. 446-2368.

40 MISC. FOR SALE

ADVANCED SPANISH COURSE. Text workbooks and cassettes, \$75. Beginning Japanese course text-books and cassettes, \$30. 446-3118.

LADIES' PEAR-SHAPED DIAMOND ENGAGEMENT RING. Retail price \$3000, asking \$500/OBO. 446-4665.

NEW Denon turntable DP62L, with 3" Rosewood base. \$275. PIONEER Direct-Drive turntable - \$100. ALUMINUM U.S. MAGS w/gold inset. 15x8.5 and m/s tires only 300 miles. \$550. Call 375-4286.

45 GARAGE SALES

HOLIDAY BAZAAR - 1312 Kearsarge - on base. Oct. 13, 14, 15. 4pm - 8pm. Sat. 9am - 5pm. Sun. 9am - 3pm. GIFTS GALORE!

MULTI-FAMILY GARAGE SALE: OCT. 14, 8am - 2pm. 1907 Bogue Circle. 446-7557. Car, furniture, household goods & clothes.

50 PETS & SUPPLIES

AKC PUREBRED CHOW-CHOW PUPPIES for sale. Come take home a bearlike, loving family guardian of your own. Choose from blue and black colors. Call 375-3188.

AKC PUREBRED Chow-Chow puppies for sale. Many fluffy bear-like little buddies to choose from. Come fall in love with a puppy of your own in colors of black, cinnamon and blue. Call at 7:00pm, M-F, 375-3188.

AVAILABLE - ABANDONED ROT-TWEILER and PIT BULL MIXES. Contact CASA K-9 KENNELS, 375-7775.

PERSIANS - C.F.A. Silver only. (The Fancy Feast Cat). Reduced price on 6 month kittens. Evening Best, 371-1745. Leave message.

55 REAL ESTATE

FOR SALE BY OWNER - 3BR, 2BA in Green Acres. 1480 sq. ft., includes dual cooling, tiled entry, gazebo plus other custom improvements. 216 E. Hayden. \$79,900. 375-4236.

55 REAL ESTATE

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China Lake Rd. to French at McDonalds and left. Right at Prospect 1 blk to Toro and left to 449 Toro.

Call Now To Tour 375-6543

Craftech discounts Fall family fun at southland theme parks

Special discount tickets are now on sale at the Information, Ticket & Tour Office located in the Naval Weapons Center's Craftech building.

Visitors will get the wits scared out of themselves at the 17th Annual Halloween Hunt at Knott's Scary Farm. Special military discount tickets are now available for Oct. 13-14 and Oct. 29-31. Tickets are \$16.50 each. See the original "Mistress of the Dark" Elvira in her "Shock and Rock Revue." Check out the live ghouls and grotesque monsters at the park's ghost town. The climax to this ghoulish evening will be the hanging of a villain in Calico Square. But he doesn't go quietly and the crowd will look on in horror as he springs his last surprises. The park is closed to the general public at 6 p.m. each night of the haunt and reopened

at 7 p.m. for those with the special Halloween Hunt ticket.

Military Fun Days will be happening soon at Magic Mountain, with weekends throughout November only \$10.45 per person. Enjoy Ninja, the black belt of roller coasters; Tidal Wave, the wettest, wildest ride; Colossus, one of the world's largest and fastest dual-track wood roller coasters; and the Revolution, which features a 360-degree vertical loop. The park opens each day at

10 a.m. Special discount prices are also available for the military and DoD personnel at the Spruce Goose and Queen Mary. From now until Oct. 22, cost is only \$9 per person. For more information about the special events being planned for military and DoD personnel, call Craftech at NWC ext. 3252.



Community Events

Weather Report

Tomorrow the Humane Society will host an open house from 11 a.m. to 4 p.m. at the Ridgcrest Animal Shelter located on San Bernardino Blvd. in Ridgcrest to increase public awareness.

Area voters are invited to "Meet the Candidates" for seats on the Sierra Sands Unified School District and the IWV Water District. The forum will be held Farris' at the Heritage at 7 p.m. on Oct. 16.

Table with weather data: Max, Min, Gusts for days Thurs. through Wed.

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Two custom-made pizzas for one special price. Table listing Original and Pan options for 10" and 14" pizzas with fresh toppings.

Call Us! 446-2323. Domino's Pizza logo and address information.

Cole earns honors

Job brings Vampire of the Month Award

As the August Air Test and Evaluation Squadron Five (VX-5) Vampire of the Month, AN Sophia Cole exemplifies the outstanding performance and positive attitude vital to completion of the squadron's mission of operational test and evaluation.

Cole arrived in China Lake three years ago as her first duty assignment with the active-duty Navy. Her first view of the desert presented a stark contrast to previous New York residences in

Queens and the Poconos. Wanting to make it on her own, she viewed the Navy as a means of financing a college education. Her long term goal is to become a high school teacher of English or speech.

When asked what she likes about her current position, Cole answered, "It's very important that I feel useful and have a purpose. People here depend on me to get the parts they need to keep the aircraft operating."

In Cole's commendation letter, VX-5 Commanding Officer, Capt. Raymond Kellett, Jr. affirmed, "Her outstanding support as a Procurement Clerk in the Material Control Branch directly contributed to our successful logistics effort in completing the squadron's mission. Additionally, she acted as the branch's point of contact for coordinating requisitions for non-aviation materials, discharging all duties flawlessly."



The Skipper Sez...

QUESTION

I may be a little spooked over some people in the news using a shredder to get rid of incriminating documents, but lately I've been noticing that people have the tendency to use these machines to not only get rid of embarrassing or classified documents, but everyday letters, unclassified drafts and almost anything on paper that will fit the machine.

It's like having a new toy. I've always felt that the addition of a shredder to the office inventory was a godsend, because it allowed me to get rid of classified papers without resorting to the chore of bundling up the documents and hauling them out to some obscure security area where they were burned.

But the more a shredder is used -- and abused -- by forcing more paper through a small opening in a short period of time, the more prone it becomes to breakdown. And when it does, it usually takes an eternally long time before it's fixed.

It's during this time that prudent shredder users get ticked off, because they now have to revert to the old practice of stashing classified waste in their already crowded safe files until someone finally collects the stuff for the burn-box.

Is it true, as I've been told, that it is desirable to shred unclassified, as well as classified papers, instead of disposing of them the old-fashioned way -- in the wastebasket? If it is, then I think many of us are on the edge of contributing to fraud, waste and abuse.

ANSWER

Under the Operations Security (OPSEC) Program, Code 2408 has been able to provide cross-cut shredders Center-wide. This was done to provide a means of disposing of "Sensitive Unclassified" information. The shredders may also be used to destroy Confidential material and Secret working papers. Disposal of sensitive information in the trash can does not afford it the protection it requires. Use of the shredders is highly encouraged as a means of disposal for all sensitive information. This includes, but is not limited to, test schedules, test plans, documents marked FOUO or having a distribution statement, privacy act information, etc. If you need assistance in determining what is or is not sensitive, each department has an OPSEC coordinator who may be contacted or you may contact the OPSEC Officer at NWC ext. 2079.

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.



ON DUTY--AN Sophia Cole, VX-5's Vampire of the month of August, serves as a procurement clerk for the squadron's material control branch. Cole, stationed at China Lake since 1986, is originally from New York State. Photo by PHAN Cary Brady.

CNO approves wearing berets

Female sailors retain this optional uniform item under new Navy regulations

Washington (NNS)--Chief of Naval Operations Adm. Carlisle A. H. Trost approved continued wearing of berets for female sailors recently following fleet input and the Navy Uniform Board's recommendation.

following uniforms (when prescribed by your command): service dress blue, service dress white, summer white, winter blue, winter working blue or working khaki.

The berets were originally authorized for wear only until Sept. 30 under U.S. Navy uniform regulations. They are an optional uniform item for officers and enlisted females, and may be worn with the

The berets are currently being restocked into the Navy's uniform supply system and should be available for purchase next fall. For more information see NAVOP 112/89 and U.S. Navy uniform regulations (NAVPERs 15665G).

NRS training class brings 13 students

China Lake's branch of the Navy Relief Society (NRS) recently held a 15-hour training course at their facility. Receiving certificates for completion were Rich Kusnierek, Cathy Dille, Trish Valovich, Cheryl Lewis, Michelle Cross, Betty Duncan, Kap Vince, Wilda Cuninghame, Wanda McClain, Selina Christenson, Donna Basore, Carmenchita Mills and Tina Bradley.

NWC commander; Lt. G. Goodman, base chaplain; Joyce Dinnage, NRS executive director, Long Beach; Diane Kerekffy, NRS executive director, Port Hueneme, Point Mugu, and instructor of the course; and LCdr. Harry Lewis, NRS executive director for China Lake.

Awards were given to the following volunteers: Tina Bradley--50 hr. pin, Ellen Miller--50 hr. pin, Rich Kusnierek--50 hr. pin, Lt. Harry Lewis--100 hours, and Connie Barr--300 hr. pin and certificate of appreciation.



NRS GRADS--From left to right, front row: S. Christenson, C. Mills, D. Basore, W. McClain, B. Duncan, and W. Cuninghame, with Long Beach Executive Director, Joyce Dinnage. Back row: NWC Executive Director LCdr. Harry Lewis and course instructor Diane Kerekffy join grads C. Dille, M. Cross, T. Valovich, K. Vince, C. Lewis, and R. Kusnierek.

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Computer Store. 249 Balsam St. 375-5744. Next to the Music Man.

Conservation costs little: Tips beat daily energy waste

(Editor's note: Energy Awareness Month started Oct. 1. To help raise the level of energy conservation, Public Work's Energy Program Office has submitted the following article.)

Many of the fastest and easiest ways to save energy will also cost little or nothing to do. In fact, many people may get 50 percent or more of their energy savings by doing these simple energy saving steps:

1. Turn off lights when possible.
2. Remove unneeded light bulbs.
3. When replacing bulbs, use lower wattage or more efficient ones.

4. Lower heating settings.
5. Raise air conditioning settings.

6. Turn off heating and air conditioning at night and on weekends.

7. Turn off heating and air conditioning in unoccupied areas.

8. Delay turning on heating and air conditioning at the start of the day.

9. Turn off heating and air conditioning sooner at the end of the day.

Turn off lights near windows

If lights can be controlled separately, turn off those nearest the windows whenever there is enough natural light. If the present wiring and switches disallow

this, it may pay to have the switches rewired.

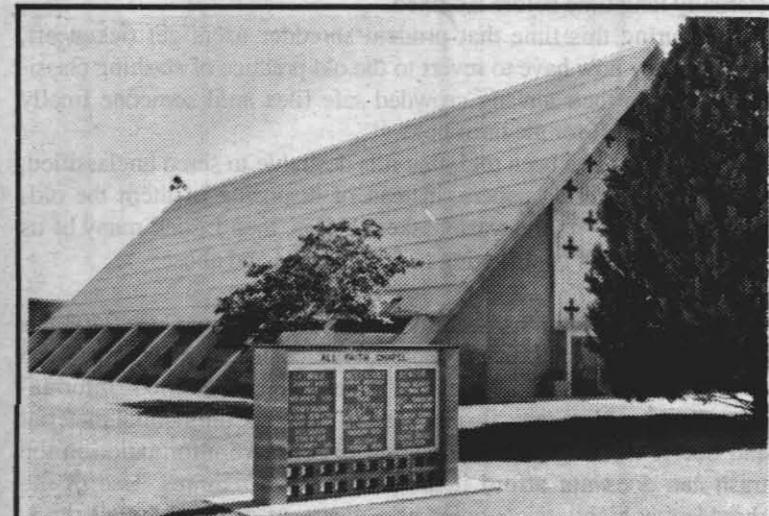
If shades or blinds are available that can be opened, the sun they allow in will also add warmth and reduce the load on the heating system in winter. On the other hand, this solar heat may be unwanted in the summer, but enough electricity may be saved by switching off lights that it will pay to install special film, shades or blinds to reduce heat transmission, yet let the natural light in during the warm months.

Turn off lights when an area is unoccupied

Lights should be turned off whenever an area is left unoccupied for any length of time. Consider using a table or sign next to the light switch to remind people to turn it off.

While the life of a lamp is shortened if it is turned on and off frequently, remember that the cost of the lamp is insignificant when compared to the cost of the energy the lamp will consume during its lifetime. Remember, also, that mercury, metal halide and high pressure sodium lamps take longer to light than fluorescent and incandescent lamps. This should be taken into consideration when choosing which lamps to turn off.

The way the lights and switches are now wired, may make it quite easy to control the lights that aren't in use--say, in a bathroom, stockroom or office. If a single switch controls a large number of lights, however, and it is impractical to turn them all off, again, it may pay to have these rewired so the lights can be controlled area by area.



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	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, Annex 4, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	1:00 p.m.
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.

ENERGY BUILDS A BETTER AMERICA



ENERGY AWARENESS MONTH OCTOBER 1989

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Chaplain G. L. Goodman, LT, CHC, USNR
Chaplain G. E. Williams, LT, CHC, USNR
Brian H. Zimmerman, Student Rabbi
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RECYCLING CONTRACT AWARDED--I WV Association of Retarded Citizens executive director, Terri Hall, and work services director, Richard Senn, sign contract witnessed by Doris Funk, NWC Employee Services Board manager.



"Atonement"
What does it mean to be 'at one' with God (at/one/ment)? One theory of atonement is that Jesus died as a ransom for us--to ransom us from evil. There is a 'substitutionary' theory of atonement which says that Jesus somehow died as a substitute for us. We deserved to die, but Jesus took it for us. There is a 'moral' theory of atonement that says we are so deeply moved by this event that we change and we are never the same again. When you read how the theologians have tried to explain all of this, it can become very disconcerting because they have made it so complicated when it can be said so simply.

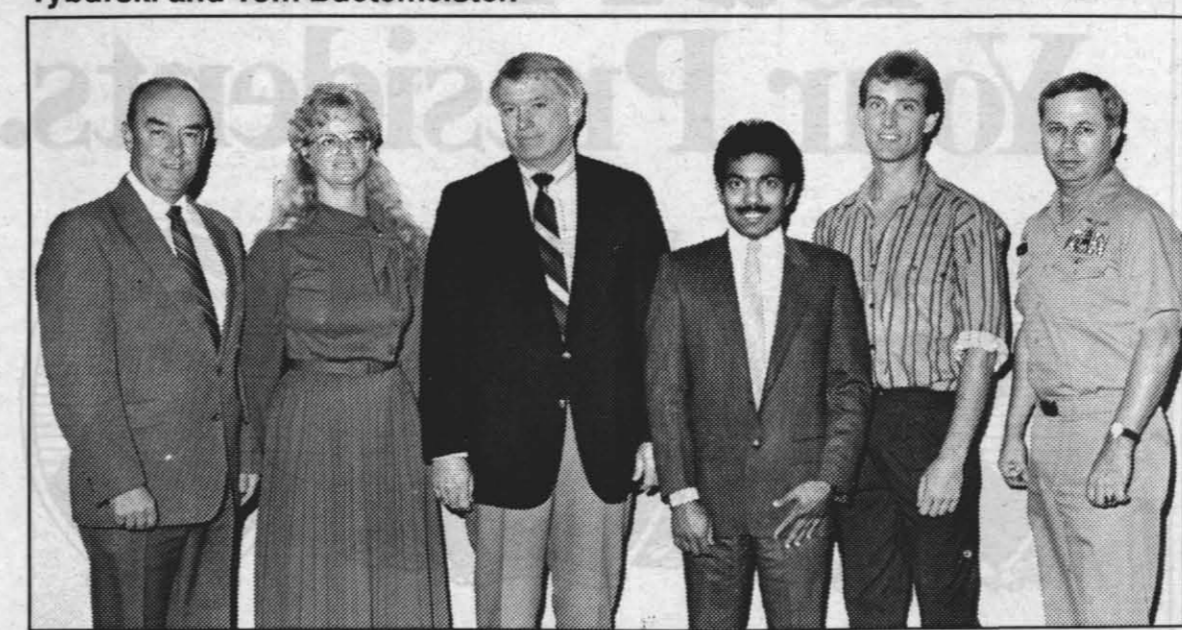
There once was a plumber who wrote a letter to the government agency in charge of plumbing regulations. In it he said he had discovered hydrochloric acid to be a marvelous substance for cleaning out clogged drains. A government bureaucrat wrote back saying, "The efficiency of hydrochloric acid is indisputable but the corrosive residue is incompatible with metal permanence." The plumber obviously misunderstood this letter because he wrote back and said he was glad the government agreed with him. The agency official, somewhat alarmed at this response, sent a second letter which said, "We wish to emphasize that we must refrain from assuming responsibility for the production of toxic and noxious residue with hydrochloric acid and consequently, we must emphatically recommend some alternative procedure." Again the plumber misunderstood and, again, he wrote back saying he was glad the government agreed with him. Finally, in desperation, the government official wrote the plumber the following: "Don't use hydrochloric acid. It eats the hell out of the pipes." (Why didn't he say so in the first place?)

One can sympathize with those who get that "why didn't they say so in the first place?" feeling when they read the various theories of atonement. 'Substitutionary,' 'Moral,' 'Ransom,' 'Sacrificial'--why can't we just say it like it is? Because, what is happening on the Cross, what is happening in the Crucifixion of Jesus, is that Almighty God, the Creator, is saying to us "I love you." That is what it's all about. He is saying from the Cross, "I love you so much, I will go to this length to tell you; I will go to this length to show you. I will go to this length to make it real to you; I will go to this length to move you to do something about it."

By Lt. G. L. Goodman, CHC, USNR



CSU NORTH RIDGE--Celebrating the completion of CSUN's electrical engineering or applied mechanics programs are (l to r) Gerry Schiefer, Charles Daugherty, Keith Weisz, Dean A. F. Ratcliffe, Steve Felix and Capt. Douglas W. Cook. Graduates not shown are Doug Hewett, Arlynn Wilson, Rich Tyburski and Tom Buetemeister.



CSU CHICO--Capt. Douglas Cook and Gerry Schiefer join Dr. Jim Roberts, an associate dean at Chico, in congratulating graduates (l to r) Kathleen Beasley, Madhav Panwar and Richard Bruckman.

Happy 214th Birthday U.S. Navy

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NWC employees praised...

(Continued from Page 16)
Eva Bien, head, Human Resources Department, concluded remarks by thanking Clara Erickson, head, Human Resources Development Division; Bill Bethke, head, Academic Fellowship Office; Cecil Webb, employee development specialist; and Helen Benes, clerk-typist, for their contributions in making NWC's academic programs a success.

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Applications needed for NSAP positions

Naval Science Advisors, Interdisciplinary, DP-801, 855, 861, 1310, 1520/3 or 4.

The Navy Science Advisor 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.

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

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 any one or more of the following areas: 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. Normal tour of duty for this assignment is one year. However, a one-year

extension could be possible if incumbent, Center management, NSAP Director, and the Command concur. The candidate nominated by the Center will be competing with nominees from other Navy Labs and Centers. The tour will begin July/August 1990.

Factors considered for candidate selections include:

1. Technical Competence in Mine, ASW, ASUW, AAW, special and/or EW warfare, C3, surveillance, or ocean technologies.
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. Communication abilities

which allow meaningful exchanges with many Navy and technical community skill levels and disciplines.

5. Familiarity with SYSCOMs and other Navy Lab communities.

The NSAP office, White Oak makes the final selections for all NSAP positions in the Spring. Tour begins in August 1990. 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 031B) at X1485. Deadline for filing is 17 November 89.

For further information about the specific tours from a "participants' viewpoint", it is suggested that you contact any one of the following people who have been NSAP advisors in the past: Gerry Schiefer - Technical Director; Mick Rindt - head, Avionics Integration Branch; Mel Foremaster - FA-18 Program Office; Ray Miller - head, Propulsion Systems Division; Jack Russell - T & E Directorate Head; Doug Savage - Tomohawk Program Office; John Webb - Weapons Planning; and John Prescott - AIWS Office - Program Manager.

The current NSAP Advisor is Don Scofield, (no AUTOVON available) (808) 471-5114/4892, Commander Third Fleet, Hawaii.

Center management salutes all graduates

(Continued from Page 15)

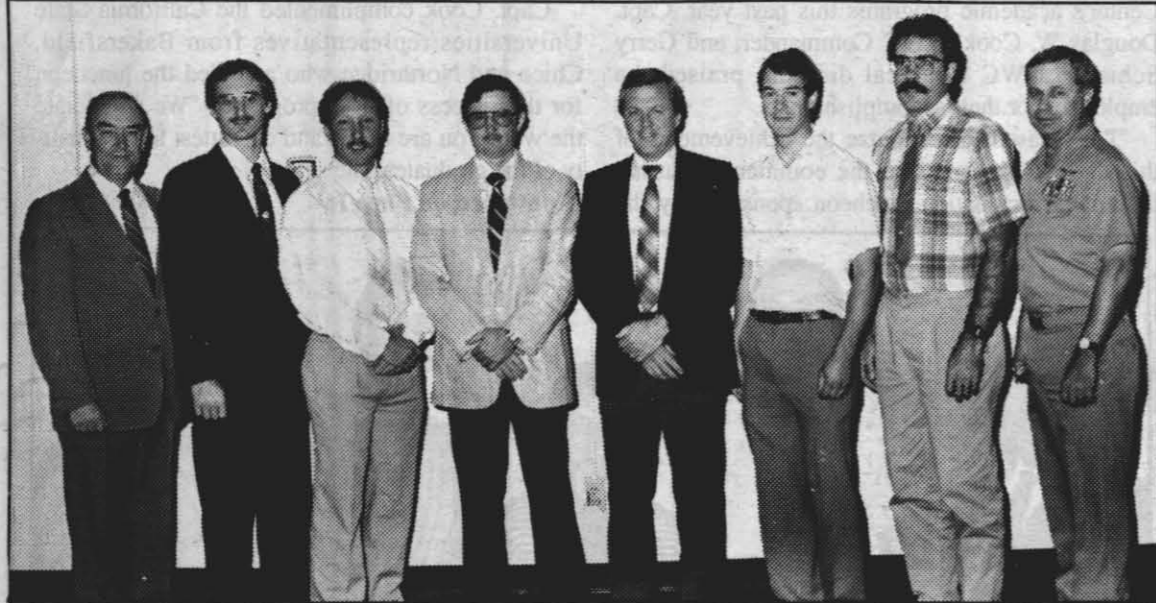
Schiefer noted NWC was in the forefront of technology and employees needed to keep to the forefront of education to continue fulfilling the fleet's needs. Recognizing many of the graduates worked full time as they furthered their education, Schiefer said, "Education makes a useful employee even more valuable. I congratulate you on your accomplishments and charge you to go out and get even more education."

"NWC's training programs benefit the Navy and the individual. For even without a degree, college allows a person to take on greater challenges," commented A.F. Ratcliffe, dean of Cal-State University, Northridge.

Long-term training opportunities have been available at NWC since 1951, noted Ron Derr, chairman of the Long-Term Training Committee and head, Research Department. According to the chairman, over 400 employees have made use of this program and furthered their education, with 11 NWC employees completing the program this year.

The Cooperative Education Program is mainly for recruiting and staffing purposes, noted Mary Moore, the program's manager. Forty participants are currently receiving formal education and on the job education at NWC. Moore acknowledged the five participants who

(Continued on Page 16)



ACHIEVEMENT--Long-term training personnel completing their assignments were also recognized at the graduation luncheon. Pictured above are (l to r) Gerry Schiefer; James Holgersen; John Gallagher; Frank Mansfield; Ron Derr, the program's chairman; James Nability; Stephen Ball; and Capt. Douglas W. Cook. Returning personnel not shown are Kenneth Amster, John Ichihashi, Anita Daniels, Wei Kuo, James Reiger and William Walters.

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Soldering training becomes vital

When the guidance unit of a missile can contain up to 27,000 solder joints it is obviously important to know soldering is done right. Russell Cleveland earned the Naval Weapons Center's Technical Director's Award for his outstanding efforts in ensuring just that through the "effective operation and continuous improvement of NWC's Soldering Technology Training Facility."

Gerry Schiefer, NWC Technical Director, made the presentation to Cleveland saying "We've been in the forefront of soldering technology and you've done exceptional work with this valuable resource." Schiefer added that NWC is recognized as among the leaders in soldering technology training due, in no small part, to the operation of the training facility itself.

A surprised Cleveland said he couldn't do

it alone and really appreciated the support from management in this field. He also noted he appreciated the recognition by NWC's top management of the importance of the facility and the training accomplished throughout the year.

Nominated by Sterling Haaland, head of the Engineering Department, Cleveland's accomplishments in implementing a customer oriented training program for contractor and government personnel were among the factors in bringing him this recognition.

The nomination letter read, in part, "His management of staff and facilities has drastically increased efficiency by conducting more training classes with a smaller staff. Through promoting the use of currently available generic training plans by contractors Cleveland has significantly reduced the resources

expended in training plan review."

Haaland added, his "focus on quality and continuous improvement in management of the Soldering Training Facility has resulted in highly satisfied customers as indicated by the numerous letters of appreciation being received from the industry we serve. One recent comment on a course evaluation reads: 'The quality of the training at this facility is considered by most to be far superior to that of the other four certification centers'."

In the citation from Schiefer that accompanies the award Cleveland was singled out for "logical, efficient and timely resolution of previous areas of concern. . . as a valuable and visible resource, the Soldering Technology Training Facility makes an impact on many programs and its operation brings recognition to the Naval Weapons Center."



CITATION--Lt. Commander Ron Graves received a Meritorious Unit Commendation for service at his previous duty station. Capt. Douglas W. Cook, NWC Commander made the presentation at an All Officers Meeting.

MIPI OFFICE: Code 0121, SCF: MATHEWSONW
SCF: HAMILTON; SCF: MACBRUCE

Radar areas announced

- According to Kerry B. Swigum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are:
- Monday -- Blandy Avenue.
 - Tuesday -- Inyokern Road.
 - Wednesday -- Lauritsen Road.
 - Thursday -- Randsburg Wash Road.
 - Friday -- Gold Canyon Road.



EFFICIENT MANAGEMENT--led to a Technical Director's Award for Russell Cleveland, manager of NWC's Soldering Technology Training Facility. His son, Russ, was on hand to help accept the award from Technical Director, Gerry Schiefer (rt).

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Clinic staff hosts RAdm. R. Halder

CO of San Diego Naval Hospital visits Center

Recently the Naval Weapons Center Branch Medical Clinic hosted a visit by Rear Admiral R. B. Halder, MC, USN, Commanding Officer of San Diego Naval Hospital, who was here to brief clinic staff and troops on the reorganization in Navy medicine.

Giving a brief history beginning with the early 1970s, RAdm Halder related that medical facilities at that time belonged to their station and were managed by line command. The Surgeon General was given resource responsibility for Navy medicine. Following the Vietnam War, the medical corps was large and fiscal resources were relatively abundant; management was straightforward.

By the early 80s the scope of world-wide Navy medicine had become too large to manage by line command. Eight geographic commands were set up to oversee hospitals and clinics. NWC's Branch Medical Clinic, who reports directly to Naval Hospital Long Beach, was placed under the San Diego command.

With the 80s also came more competition for fewer dollars. A growing number of physicians and nurses were leaving the Navy to work in the private sector.

A Blue Ribbon Panel was tasked to study the situation. They concluded that tight resources and competition had finally pushed Navy medicine "back to the future."

"The line command which had served Navy medicine well in the past will be put back in place," the admiral stated. Under the reorganization, geographic commands will go away and mission commands will be tasked to manage the guidance of medical facilities under their mission, running them in accordance with their budget. This gives the medical staff a direct line up the chain of command when making resource requests.

Under the mission of Commander-in-Chief, Pacific Fleet (CINCPACFLT), the Naval Hospital Long Beach and its Branch Medical Clinic at China Lake will report to Commander, Naval Surface Group, Long Beach. The NWC Medical Clinic's Officer in Charge will still have additional duty reporting responsibilities to Commander, NWC. In fact, there will be no change in the local mission, only a more direct line to responsible commands.

To make CINCPACFLT more accessible, a Health Service Office (HSO) will operate out of San Diego, where a staff of 50 will provide technical support in the field and act as point of contact between the upper and lower echelons of command. RAdm. Halder introduced Capt. G. Stant, officer in charge of the San Diego HSO, to the clinic staff. He is currently visiting sites under his charge for orientation purposes.

"I like the change this reorganization represents," said RAdm. Halder. "Ownership in Navy medicine can go a long way to secure its future."

In conclusion the admiral told the staff, "We hope that with this change, you won't feel so isolated. You folks have been around medicine a long time--you deserve to know who you are working for."



DISTINGUISHED VISITOR--RAdm. R. B. Halder, C.O. of San Diego Naval Hospital, was on Center in September to brief NWC Branch Medical Clinic staff and troops on the reorganization of Navy medicine. Due to evolving conditions within the field, a Blue Ribbon Panel was appointed to make recommendations for Navy-wide streamlining. As a result, line command will be replacing the current geographic command as managers of Navy hospitals and branch clinics. Photo by PHAN Cary Brady

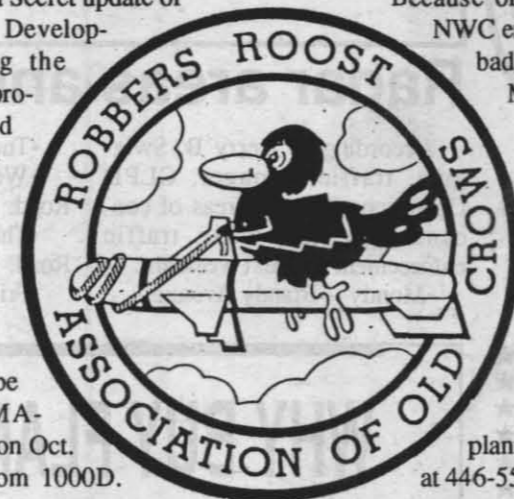
EW development efforts featured at AOC meeting

Robbers Roost Chapter October session planned for Michelson Lab

China Lake's chapter of the Association of Old Crow's (AOC) will sponsor a Secret update of Electronic Warfare (EW) Developmental Programs during the October meeting. Specific programs to be discussed include Integrated Defensive Avionics Package (IDAP), Advanced Special Receiver (ASR), ALR-67, AAR-47 Missile Warning system and others.

The guest speaker will be Cdr. Roy Christian (PMA-2534), beginning at 5 p.m. on Oct. 18 in Michelson Lab, Room 1000D.

Non-members are also invited. Because of the Secret classification, an NWC employee's badge or contractor's badge with appropriate access to Michelson Lab is required. Alternatively, send a clearance message to NWC Security (Code 2433) with the stated purpose being to attend the Association of Old Crow's presentation. The NWC point of contact is Karen Higgins (Code 356), NWC ext. 3992. A courtesy call is requested if planning to attend. Call Gail Salter at 446-5561 or Kathy at 446-7961.



Personnel news...

Reassignment opportunities...
(Continued from Page 14)
performance parameters. The incumbent is to design measurement systems to meet

project requirements, using off-the-shelf subsystems or own designs. To apply, send updated SF-171 to Ron Morey, Code 621, NWC ext. 7252.

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 applications 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. 24-037, Secretary (Typing), DG-318-2/3, Code 24A - Position is located in the Safety and Security Department Office. Incumbent serves as clerical and/or administrative support for Department Office. Promotion potential DG-3. Status eligibles may apply.

No. 39-072, Secretary (Typing), DG-318-2/3, Code 395 - The incumbent provides secretarial support to the RF Guidance Division of the Intercept Weapons Department. Knowledge of and working experience on MS-DOS and/or Macintosh computer system is desirable. Promotion potential to DG-3, but not guaranteed.

No. 28-066, Secretary (Typing), DG-318-1/2/3, Code 2803 - This position is located in the Financial Information Systems Project Office in the Office of the Comptroller. The incumbent provides secretarial support to the Division Head, Administrative Officer and staff members. Knowledge and working skills on the Macintosh PC is desirable. Promotion potential is to a DG-3 level.

No. 62-067, Secretary (Typing), DG-318-1/2, Code 62 - This position is located in the Range Department office. The incumbent will provide secretarial and administrative support to the department secretary. Knowledge and experience on the Macintosh Computer is desirable but not required. Promotion potential to DG-2, but not guaranteed.

Mac classes changed

There has been a change to the Fall/Winter Course Schedule published by the Human Resources Development Division (Code 224). The following three classes have been deleted.

- Nov. 6 -- Pagemaker 1 at Falcon.
- Nov. 7 -- Pagemaker 2 at Falcon.
- Nov. 8-9 -- Advanced Word at Falcon.

These cancellations were necessary in order to schedule overflow classes on Filemaker. Watch the NWC Announcements and the *Rocketeer* for future dates and times for Pagemaker and Advanced Word.

Professor Costea visits Center

Professor Ileana Costea of California State University, Northridge (CSUN) will be on-Center Oct. 25 to advise current and prospective students in the master's degree programs in applied mechanics and systems engineering offered by the school.

Those wanting an appointment should call NWC ext. 2648.



CSU BAKERSFIELD--Joining in the graduation celebration are (l to r) Gerry Schiefer; Donna Tolkmitt; Pamela Lochhead, Professor Edwin Sasaki, an associate dean at CSUB; Lt. Joseph Brundage; Murray Mullis; and Capt. Douglas W. Cook. CSUB graduates not shown are Christopher Blanchard, Lea Anne Davis, Kay Maria Houston, David Merrill, Robert Weisenthal, and Clayton Witherow.

Achievements honored

Thirty-six China Lakers were honored last week at a luncheon for completing Naval Weapons Center's academic programs this past year. Capt. Douglas W. Cook, NWC Commander, and Gerry Schiefer, NWC technical director, praised the employees for their accomplishments.

"I'm pleased to recognize the achievements of this diverse group," said the commander during the annual graduation luncheon sponsored by the

Human Resources Department. "You serve as role models to others."

Capt. Cook complimented the California State Universities representatives from Bakersfield, Chico and Northridge who attended the luncheon for the success of their programs. "We appreciate the work you are doing and can attest to the quality of the graduates," he said.

(Continued on Page 16)



CO-OP GRADUATES--Capt. Douglas W. Cook (far right) and Gerry Schiefer (far left) join Mary Moore, Cooperative Education Program manager, in congratulating graduates (l to r) Chester Cornelius and Brian McChesney. Graduates not shown are Eddie Barnard, Steve Gorrone and Doug Philbrick.

Happy 214th birthday
U.S. Navy

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Pat Clark

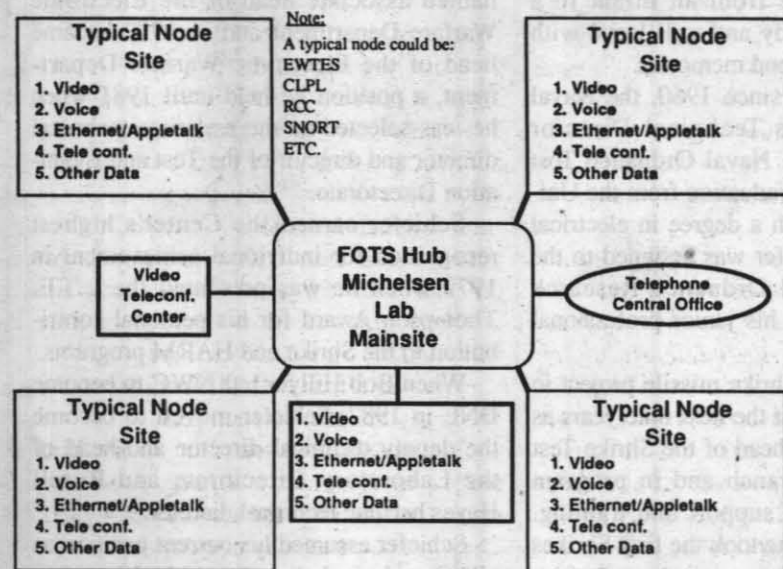
Center net growing

Improved video and data communication capabilities

As many China Lakers have discovered, there have been major improvements in the on-Center data and video communications capabilities in the past year. NWCNet and an on-going effort to meet user needs are the reasons for this improvement.

NWCNet has been under development since 1983, and when completed, it will be the culmination of several separate

The purpose of NWCNet is to provide a state-of-the-art enterprise network for Centerwide access to voice, video, data, and computing resources for Center scientists, engineers, and other technical and administrative support groups. From connectivity to the Cray Supercomputer to the Appleshare server on Localnet, the NWCNet serves the communications needs of Center person-



NWCNet Basic Block

communications projects under the Integrated Communications System (ICS). Currently, NWCNet is the result of integrating the Fiber Optic Trunk System (FOTS), various department networks, and other corporate resources such as Ethernet Networks, Video Networks, Video Networks, and LocalTalk Networks. Completion of Phase I of the Fiber Branching effort, now in progress, will extend NWCNet to numerous buildings in the Main Site and Airfield population areas. In the future, the Fiber Branching effort will connect all buildings on-Center to the FOTS. Systems such as the Video Teleconferencing Center (VTC), scheduled for operations in the fall, and the Center Telecommunications System (CTS), which is undergoing proposal technical evaluation at this time, will be incorporated into NWCNet.

nel. To ensure effective operations and management of NWCNet, Code 27 personnel and contractor support are in the process of instituting policies and procedures to govern the NWCNet.

To ensure that NWCNet remains the state-of-the-art for communications, Code 27 personnel are continuously evaluating hardware and software resources and high-speed networks to determine which migration path(s) to follow to provide Center users with a high-speed data network at supercomputer data rates or higher.

For further information regarding NWCNet, Fiber Branching, VTC, CTS, or other network-related questions, please contact Norm Carroll, Communications User Services Office, Code 27104, at NWC ext. 3358, E-Mail: SCF::Carroll.

Halloween bash, community carnival

Get ready for some fun at the Officers' Club! Eligible patrons and their guests are invited to the O'Club's Halloween Bash on Oct 27. A social hour will start the evening off at 6:30 p.m., followed by an Italian buffet at 7 p.m. Big Band X-Press will provide music for dancing and listening pleasure starting at 8 p.m.

Though costumes are optional, prizes will be given to the most original and most frightening.

The entire evening's cost is only \$8.95 per person. Reservations are required and can be made by calling 446-6929.

Also, to provide a safe recreational program on Halloween night for the area's youth, the City of Ridgecrest is once again planning a community carnival. This event is scheduled to be held at Joshua Hall on the Desert Empire Fairgrounds from 6 to 9 p.m. on Tuesday, Oct. 31.

Volunteers are needed to help make this night a success. Anyone wanting to organize a game booth, make a donation or volunteer time to help on the night of the carnival should call Ridgecrest's Recreation Department Office at 375-1522 as soon as possible.

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Soccer teams end second week of play

Due to limited space, only scores will be printed for last week's games of the Youth Soccer League. This is the league's second week of play for the fall season.

Division I

With three goals, the Cougars toppled the Hurricanes 3-0.

The Cobras squeaked by the Express with a score of 1-0.

Excellent control allowed the Stallions to out run the Eagles 6-

0. Neither team could score as the Owls went head to head against the Apollos in a 0-0 tie.

In a well-matched game, the Sounders couldn't get the better of the Coyotes as they ended in a 2-2 tie.

Division II

Depending upon their defense, the Wolves upset the Whitecaps 4-1.

Excellent plays allowed the

Bullets to shoot past the Strikers as they ended the game 4-2.

Team efforts and super goal play resulted in a tie game for the Jets and Diplomats. The final score was 1-1.

With hard work, the Earthquakes snuck past the Rockets to

Division III

Superb passing and good scores resulted in an easy win as the Lancers stopped the Furies 7-0.

Quick footwork by the Mustang players prevented the Stings

from edging past them, resulting in a 1-1 tie.

The Soccers toppled the Goalbusters for a 3-1 win.

Division IV

Despite a decent defense, the Aztecs couldn't stop the Renegades. The final score was 10-0.

Scorps set car wash

From 9 a.m. to 4 p.m., on Sunday, Oct. 15, the Scorpion Soccer Club will wash cars at Bruce's UNOCAL 76 Station on North China Lake Blvd. to raise money for a trip to Australia in 1990. Prices are \$3 per car, \$4 per pick-up and \$5 per van.

China Lake tennis courts closed during tournament

During the Haugen Memorial Tennis Tournament set for this weekend, the China Lake tennis courts located on King Street will be closed from 6 a.m. to midnight.

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Desert Empire Fairgrounds, Ridgecrest

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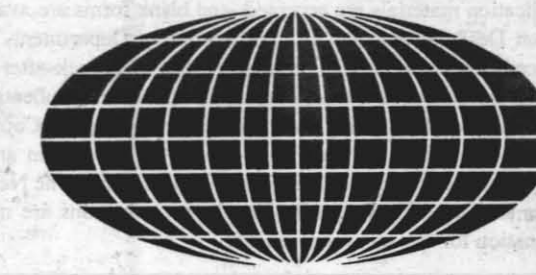
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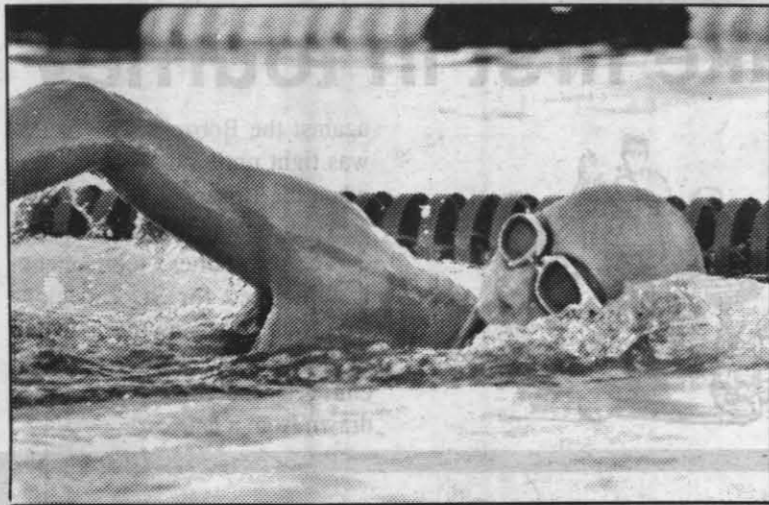
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By Appointment
Adults, Children, Group



GIVING THEIR BEST-- Capt. R. A. Dropp (left) and an unknown biker (right) test their conditioning, endurance and motivation during the **Morale, Welfare & Recreation-sponsored mini-triathlon held on Saturday.** Photos by PHAN Cary Brady



Contestants test themselves at mini-triathlon

By PHAN Cary Brady
Saturday was a near-perfect day for the Naval Weapons Center's Third Annual Mini-Triathlon as an estimated 85 competitors took part in the day-long competition testing their conditioning, endurance and motivation.

Top individuals Bryan Ogilvie, Dawn Saidat and the team of Hahn, Weik and LeBrun recorded the fastest times for this event which consisted of half a mile swimming, 23 miles on the bicycle course and a 10 kilometer run.

It seems inevitable at some point during a distance or endurance event, people start to question their motivation for subjecting themselves to this sort of punishment, but the majority persist to finish. At the finish line is a sense of accomplishment. Something only a person who has finished the triathlon knows.

Although it was a enjoyable afternoon for everyone, it couldn't have happened without the help of a lot of dedicated volunteer help. There are too many people to mention by name. But on behalf of the competitors and MWR -- this day couldn't have been a success without you. Thanks.

Results

Participant	Total Time
Bryan Ogilvie	1:46:11
Joe Weston	1:52:26
Rick Medina	1:52:32
Jan Barglowski	1:54:20
Mark Conger	1:59:32
Female Open Category	
Dawn Saidat	2:26:44
Michelle Bailey	2:30:27
Laurie Everett	2:31:53
Renee Barglowski	2:35:04
Sally Mahn	2:52:37
Male Masters Category	

Stanley Reed	2:18:34	Hahn, Weik, LeBrun	1:42:15
R. A. Dropp	2:23:41	Dow, Dalton, Gilbs	1:47:11
Dennis Emigh	2:39:53	Plugge, Kight, McCrary	1:55:15
P. J. Smith	2:44:28	Greg, George, O'Conner	2:02:31
Male Seniors Category		Black, Ruty, Coombs	2:05:28
Pierre Pastor	2:02:00	Female Team Category	
Joe Oliver	2:15:03	McMahon, Mayer, Willy	2:21:33
Doc Antonio	2:35:04	Smith, Graham, Haines	2:25:56
Female Seniors Category		Mixed Team Category	
Diane Lucas	2:19:45	Zellermen, Glenn, Jorgensen	1:56:29
Male Team Category			

Hennigan, Willy, Tyson 2:09:35
Carter McCrary, Dawn Fussner 2:55:39

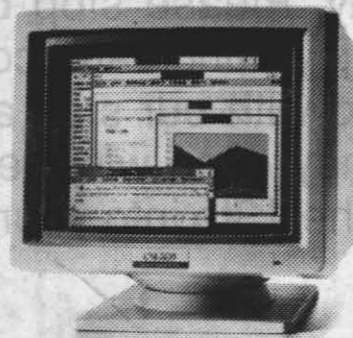
Special Thanks to:
Special Medical Crew for the triathlon, consisting of Tim Ditton and Dave Jenkins from the Branch Medical Clinic.

Though all the volunteers were very much appreciated, special thanks go to Steve Moll, Jim Witham, Dwight Ball, Jason Langston and Frank Foust for the many hours they spent ensuring the success of this year's triathlon.

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Combo Basket.....\$3.99	Bacon Burger.....\$2.15
Scallops.....\$3.99	All lunches include
Fish Sandwich.....\$2.99	Fries & Cole Slaw
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Research *all* the angles before buying resort time-sharing plan

Have you ever received a notice in the mail announcing that you were a "Guaranteed Prize Winner?"

The announcement makes it look as though you will get something valuable for nothing. But there is a price--you'll have to earn it by sitting through a high pressured sales pitch, often for more than two hours.

These "free prizes" are part of product promotions; one product frequently promoted is resort time-sharing. Time-sharing is presented as an affordable way to buy a vacation home.

The consumer buys the use of a facility in a resort area for specified time during the year for a specified number of years. Promotions emphasize that customers can exchange the use of facility for similar accommodations at other areas around the world.

Time-sharing can be a great benefit to consumers, but only if the consumer is an informed purchaser. A new concept, time-sharing terms can cause confusion. The two most common types of time-sharing purchases are **deed and title** (called interval ownership) and **right to use** (called

license to use).

Deed and title ownership means the buyer acquires:

- a specific facility, for
- a specified length of time each year, for
- a specified number of years (40 is common), and
- a deed (and sometimes a title policy).

Right to use means the buyer acquires the right to use:

- a particular kind of facility at a specific resort, for
- a specific length of time each year, for
- a specific number of years.

The difference is very important. Deed and title buys legally registered property that is a tangible asset no matter what happens to the management of the resort. Right to use is only a contractual promise by the resort management that you will get what you paid for and is only as good as the integrity of the promiser.

The exchangeability of the time-share facility can cause later disappointments. It depends upon supply and demand and involves the desirability of the resort area, the desirability of the time period offered

and the attractiveness and size of the accommodations. Responsible people in the resort industry will not promote or sell time-share units as investments. These units are usually difficult to rent or resell. Because of the building boom in new time-sharing developments, markets have not been established for renting or reselling time-share units.

The Naval Weapons Center's Legal Office has received complaints about time-sharing promotions. They range from disappointment with the prize of the high pressure sales pitch to outright deception.

Consumers must remember that a time-share purchase involves a **contract**. In a contract situation, oral promises which are not included in a written contract are not binding on anyone. Once a contract is signed, parties are bound by it and may not be able to back out of the deal. If a consumer signs the contract, that consumer has bought the product. Also, many sales pitches may offer a special sales price for that day only and will not include time to study the offer. In most cases, if a fair price

is offered today, the same price will be in effect tomorrow. A standard rule of thumb is "Never sign a contract on the same day as the sales pitch."

Before a time-share purchase is made, the consumer should be able to answer yes to all these questions:

• Are you **POSITIVE** you want to spend ALL your vacations there?

• Have you visited the facility? Are you satisfied with its quality, with the stability of management, and with the terms of the contract? Have you checked out the time-share development with the Better Business Bureau, the Attorney General's Consumer Protection Office or your Legal Assistance Office?

• Have you talked to some long-time owner in this time-share facility?

• Can you afford both the facility and the round trip travel costs each year?

Give careful consideration to the deal before the contract is signed. Don't get smart the day after the contract is signed. The day after is usually one day too late.

By A.L. McDonald
Legal Assistance Office.

Air Fair '89 offers an enjoyable time for everyone

Chapter 283 of the Vietnam Veterans of America will open Inyokern's Air Fair '89 at 10 a.m. with a presentation of colors and a brief presentation. The third annual Air Fair Fun Day is Saturday, Oct. 14 and will last until 4 p.m.

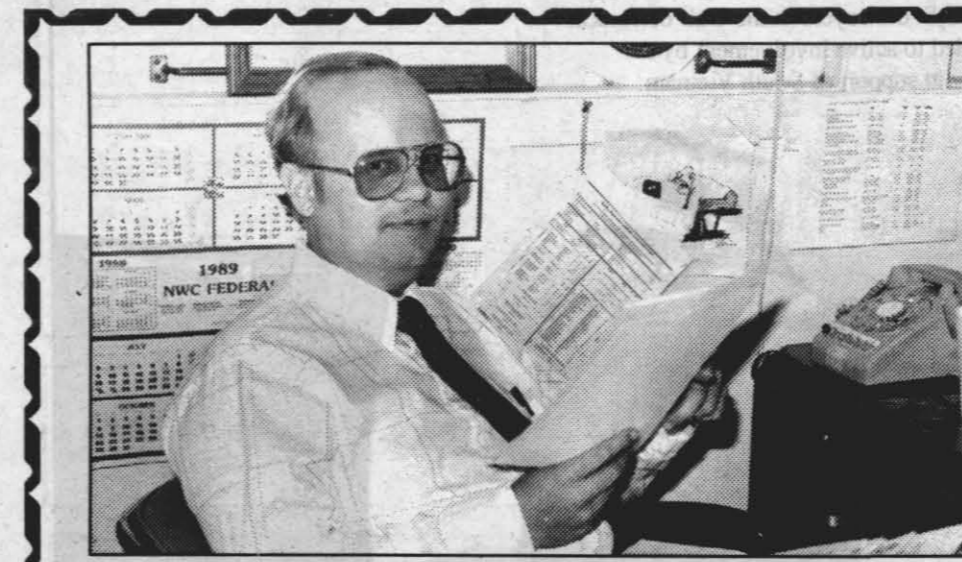
Hi-lighting the fair this year will be the Jim Lasley Air

Show Team. The team is an aviation comedy act, and their show will feature low and slow precision aerobatics; takeoffs/lands -- action--from the world's smallest aircraft carrier deck!

Food and drinks will be on sale.

Plan to attend this exciting air show at Inyokern Airport. Admission is \$2 per car, but cut out the Air Fair '89 coupon from a flyer or newspaper ad and \$1 is taken off the admission fee.

For more information, call 377-4140 or 377-5844.



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Sponsored by Altrusa of IWW

Presented by Dodie's Fashion & Bridal Shop

When: Monday, Oct. 23 at 7 p.m.

Where: Seafarer Club (Formerly NWC EM Club)

Why: Ridgecrest Community Hospital's "Tree of Life"

Price: Donation of \$7.50 per person

Tickets Available at: Corny's Store, Country Junction,

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288-6743 (Autovon)
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Navy celebrates its 214th

(Continued from Page 1)
Erie and sent the following battle report, "We have met the enemy and they are ours. Two ships, two brigs, one schooner and one sloop." Perry's "Don't Give Up The Ship" flag is preserved at the U.S. Naval Academy.

•January 19, 1840, ships commanded by Lt. Charles Wilkes discovered the Antarctic Continent.

•July 9, 1846, Marines and sailors from the *USS Portsmouth*, commanded by Commander John B. Montgomery capture the Mexican customs house at Yerba Buena, soon to become San Francisco during the Mexican-American War.

•Oct. 10, 1845, U.S. Naval Academy established at Annapolis. Forty-seven officers graduated from the first class. Seven of them became admirals, but not Richmond Auclick, the top man in the class.

•March 31, 1854, Commodore Matthew C. Perry signed for the U.S., the Treaty of Kanagawa in Tokyo Bay, opening Japan to commerce with the United States.

•March 9, 1862, Naval warfare entered the iron era and the age of sail came to a halt when the *Monitor* and *Merrimack*, two steam-powered ironclads met in the Battle of Hampton Roads.

•December, 1862, By converting a captured steamboat, the U.S. Navy developed its first hospital ship. The ship featured volunteer female nurses, operating rooms, bath tubs and an ice vault. By the end of World War II, the Navy had 18 hospital ships on duty.

•Sept. 29, 1879, Ensign Albert A. Michelson submitted his report on "Experimental Determination of the Velocity of Light" to the Secretary of the Navy. Michelson was assigned as an instructor at the Naval Academy when he performed the experiment. The great scientist for whom NWC's Michelson Lab is named, later became the first American to win the Nobel Prize for measuring the speed of light at 186,284 miles per second.

•Oct. 12, 1900, the undersea era began with the commissioning of the Navy's first submarine, *USS Holland*, built in Elizabethport, New Jersey.

•May 13, 1908, Lenah Higbee was the first director of the newly founded Navy Nurse Corps. The nurses were admitted more than 100 years after the first Navy Hospital was established at Syracuse,

Italy in 1802 to care for sick and wounded from the war with the Barbary Pirates.

•Jan. 18, 1911, Navy aviation that NWC has been such a vital part of celebrated its first landing aboard a ship, the *USS Pennsylvania*, by Eugene Ely flying a Curtis pusher-type aircraft.

•March 19, 1917, Women were allowed to enlist in the Navy for the first time to meet a shortage of clerical personnel. Before World War I ended, more than 11,000 women were in Navy blue.

•May 27, 1919, After 19 days, the NC4 aircraft completed the first transatlantic flight by landing in Lisbon, Portugal.

•March 22, 1922, *USS Langley* was

opened a new age for the Navy when she got underway on nuclear power.

•July 16, 1958, Ships from the U.S. Sixth Fleet landed more than 1,500 Marines in Lebanon to support the government in power against rebel force attempting to overthrow it.

•March 17, 1959, Fifty years after Commander Robert E. Peary reached the top of the world by dog sled, the *USS Skate* surfaced at the North Pole.

•July 29 1966, Satellites used by the Navy for navigation became available to merchant ships. The Navy's Transit Satellites Navigation System provided the service from orbits 600 miles above the earth.

•July 20, 1969, Just 11 years after the Naval Research Lab's 3.5 pound satellite became the first U.S.-made object in orbit, men were making space flights in rockets larger than World War II destroyers, leading to the first walk on the moon.

•January 27, 1973, U.S. forces

ended the undeclared war in Vietnam with a cease fire. Two engagements between North Vietnamese patrol boats and U.S. destroyers in the Gulf of Tonkin had led to active involvement by the Navy in support of South Vietnam.

commissioned as the Navy's first aircraft carrier. The carrier, a converted collier, was nicknamed the "Covered Wagon" and was sunk in the Java Sea in 1942.

•Dec. 7, 1941; The U.S. Navy went to war again following the sneak attack on Pearl Harbor by the Japanese Navy.

•April 18, 1942, B-25 Mitchell bombers launched from the carrier *Hornet* carried out the first American raid on Japan.

•June 6, 1942, In the first Naval battle in which the opposing ships never saw each other, the Battle of Midway marked the turning point in the war in the Pacific.

•July, 1948-June 1949, Two squadrons of Navy R5Ds joined in the Berlin Airlift. Before it ended, more than two million tons of cargo was brought in by air.

•1952, Helicopters joined the Navy and proved to be of vital importance in evacuating wounded soldiers to waiting Navy hospital ships offshore.

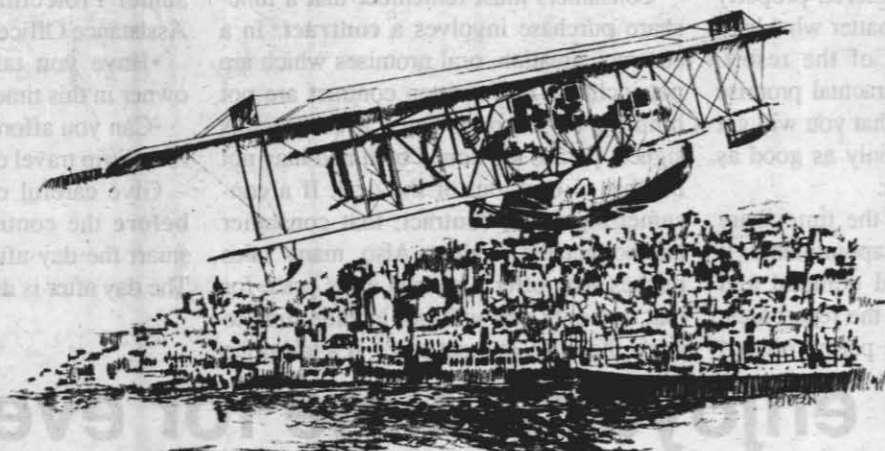
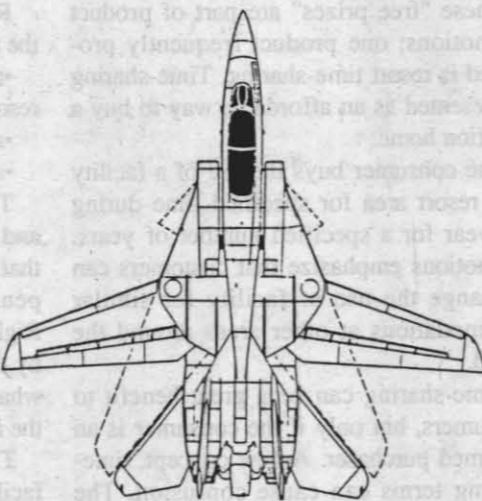
•July 24, 1954, the Naval Research Laboratory, with a giant antenna at Stump Neck Maryland, put the first earth-to-moon voice circuit into operation.

•1956, The NOTS-developed Sidewinder missile is released for Fleet use. The new air-to-air missile was first used in combat by the Nationalist Chinese in 1958.

•January 17, 1955, *USS Nautilus*

•February, 1982, U.S. Navy F-14 Tomcats use AIM-9M Sidewinders to down two Libyan jets over the Gulf of Sidra.

•Sept. 29, 1988, *Discovery* returns the U.S. to space; the space shuttle is equipped with a crew emergency escape system tested by Naval Weapons Center engineers and test parachutists.



New fees fixed for NWC Golf Course

Fiscal Year 1990 fees for the Naval Weapons Center Golf Course have just been released by the Morale, Welfare & Recreation Division. The new fees, which take effect immediately, are as follows:

	Weekdays		Weekends	
	9 Holes	18 Holes	9 Holes	18 Holes
E-1/E-3	\$4	\$5	\$4	\$7
E-4/E-6	5	6	5	8
E-7/E-9	6	7	6	9
WO/O-5 & Retired military	7	10	10	14
DoD	7	10	10	15
O-6 & above, SES	8	11	11	16
Private citizens	9	13	13	18
Youth (8-17)	4	6	5	8

	Annual Fees	
	Single	Family
E-1/E-3	\$35	\$55
E-4/E-6	65	98
E-7/E-9	95	145
WO/O-3	160	240
O-4/O-5	215	320
Retired military	215	320
DoD	285	425
O-6 & above, SES	350	525
Private citizens	400	563
Youth (8-17)	35	

In addition, enlisted members and youth will pay \$1 per day of play and civilian members will pay \$2 each day of play. Members 65 and over will pay \$1 per day on weekdays and \$2 per day on weekends.

	Weekdays			Weekends		
	9 Holes	18 Holes	27 Holes	9 Holes	18 Holes	27
Gas Carts	\$6	\$11	\$16	\$7	\$12	\$18
Miscellaneous						

Hand Carts -- \$1
Club Rentals -- \$3 for 9 holes; \$5 for 18 holes
Car reservation price of \$1 is refundable if cancelled two hours prior to tee time.
Locker Rental -- \$40 annually (must be an annual member to rent a locker)
Ball Machine -- \$1 per bucket
Facility Rental -- driving range, chipping green, putting green -- \$18 per session.

Bowling fun planned

Starting Oct. 16, Hall Memorial Lanes will be open for breakfast, Monday through Friday.

Have "Howl" een fun at Hall Memorial Lanes from 9 p.m. to midnight on Oct. 31.

Thirty couples will be able to enjoy an evening of bowling and partying for only \$25 per couple. Snacks and two complimentary drinks are included.

In addition, prizes will be given for the "BEST" costume; however, costumes are not required.

Two weeks prior to Thanksgiving, Hall Memorial Lanes will begin a 3-6-9 Turkey Shoot. Win a turkey for Thanksgiving.

All eligible patrons are invited to a "Lunch Hour Meal Deal" at Hall Memorial Lanes. Every day, from 11 a.m. to 1 p.m., \$3.25 buys a hamburger, fries, coke and one game of bowling.

For more information, call Bill Booth, NWC ext. 3471. For reservations or more information about these activities, call NWC ext. 3471.



Boozers take first in tourney

The Boozers from Ridgecrest grabbed first place in the Hitter's Fall Co-ed Softball Tournament held over the weekend. The second place team, IWS, who averaged over 20 runs a game in their other games, could only manage three runs



against the Boozers. The battle was tight until the sixth inning, when the Boozers added another six runs, ending the game 10-3.

The next Hitter's tournament is scheduled for St. Patrick's Day, Mar. 17. This tournament will be a co-ed tournament with entries by individuals and teams drawn from a hat.

FRIDAY THE 13TH IS CUSTOMER APPRECIATION DAY AT OUR RIDGECREST BRANCH.

Bank of America's Ridgecrest Branch recently finished an extensive remodeling. Throughout, our customers were patient and understanding and now we'd like to say thanks.

So we've declared Friday, October 13th Customer Appreciation Day. Please stop by between 9 a.m. and 6 p.m. to enjoy punch and cookies. You can get better acquainted with our staff and enjoy our fresh new look. You may even win the special door prize and turn Friday the 13th into your lucky day.

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