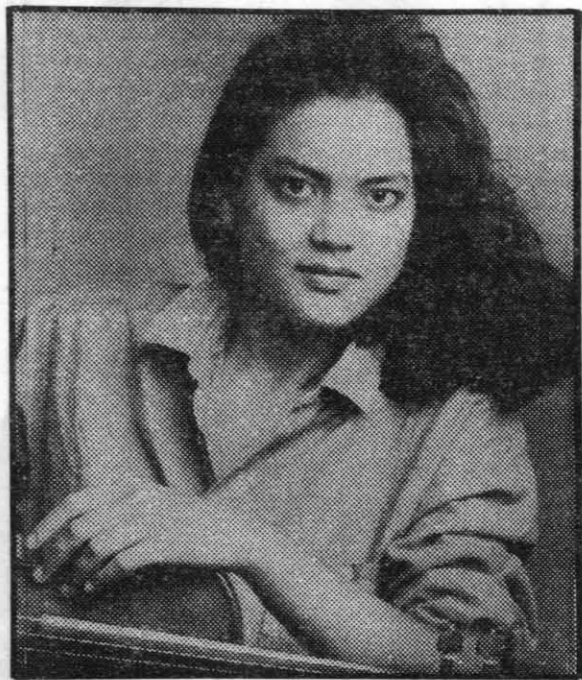


Anne Meyers to play at IWVCA concert Monday



Anne Akiko Meyers, nationally acclaimed young violinist who began her musical career in Ridgecrest, will present the fourth concert of the Indian Wells Valley Concert Association's season on Monday. The concert will begin at the Center theater at 7:30 p.m.

She will play J.S. Bach's "Sonata No. 3 in E Major," Edvard Grieg's "Sonata No. 3 in C Minor," Charles Ives' "Sonata No. 4 (Children's Day at the Camp Meeting)" and two selections by Pablo Sarasate.

General admission tickets for the evening are \$6; enlisted military, those under 21 or over 65 are charged \$4. Advance tickets are on sale at The Music Man, Medical Arts Pharmacy, Maturango Museum and The Art Buffet in Ridgecrest. Midseason memberships in the IWV Concert Association are also still open; those interested are asked to telephone 375-5600 for rates.

Because of the unusual interest expected in this concert since Miss Meyers began her

violin study here and made her first concert appearance with the Desert Community Orchestra, any season ticket holders who are not able to attend are asked to release their seats by telephoning 375-5600. Tax deduction receipts are available.

Miss Meyers is currently a full scholarship student at the Juilliard School of Music in New York City. She has played as guest soloist with the New York Philharmonic, the Los Angeles Philharmonic and the New York String Orchestra at Carnegie Hall in New York and at the Kennedy Center. Her Kennedy Center recital debut will be in March 1988.

Accompanying Miss Meyers will be Rohan De Silva. They will also present a student concert on Tuesday at 10 a.m. in the Center theater. Local third and fourth grade students have been invited to attend the concert and some seating, at no charge, will be available for the general public. The student concert is presented as an educational service of the IWVCA.

Mountain Rescue Group has busy year in 1986

During 1986, the China Lake Mountain Rescue Group undertook a total of 35 operations involving 46 subjects, with the busiest month being July when they were called on eight times to look for missing persons.

Five of their operations during the year were rescues, one was a recovery, 14 were searches; in addition, there were six alerts, one mobilization, five transits and three other incidents.

Of the 46 subjects involved in the efforts, 30 were found to be all right and six were injured. Two were not found at all; this is a couple in the Saline Valley that has been the subject of an intensive search by a number of groups. Some of the searches did not end with good news: three were found to be victims of drowning, two were killed in a four-wheel-drive accident, one was an avalanche victim, one was killed in a clim-

bing accident and one missing hiker was the victim of a probable heart attack.

Indicating the level of effort put out by the volunteers of the CLMRG, a total of 20,376 miles were driven during the year, an average of 582 per operation. A total of 4,995 hours were put in on operations, averaging 143 hours per operation. Members responded to a call 362 times, averaging 10.3 per operation.

The CLMRG is composed entirely of vol-

unteers who spend untold hours in training for their dangerous task of looking for those who are missing in addition to the thousands of volunteer hours actually spent in operations. They are called out by sheriff's offices in Inyo, Kern, Mono, Tulare and San Bernardino Counties in addition to personnel at Yosemite and Joshua Tree National Parks.

The organization is a member of the United Way of Indian Wells Valley.

No one diet ideal for everyone

What should you eat to stay healthy? Advice about what foods we should or shouldn't eat comes from newspapers, magazines, books, radio and television. Much of this advice is confusing because we don't know enough about nutrition to identify our own "ideal diet." People's food needs vary depending on age, sex, body size, physical activity and other conditions such as pregnancy or illness.

Food alone cannot make you healthy. Health depends on many things, including heredity, lifestyle, personality traits, mental and health attitudes, environment and diet. But good eating habits, based on moderation and variety, can help improve your health and keep you healthy.

What advice should you follow in choosing and preparing the best foods for you and your family? The following guidelines are suggest for most healthy Americans: eat a variety of foods; maintain your ideal weight; avoid too much fat, saturated fat and cholesterol; eat foods with

adequate starch and fiber; avoid too much sugar; avoid too much sodium; and drink in moderation, if you drink.

The above information was condensed from U.S. Department of Agriculture's pamphlet "Nutrition & Your Health."



Plans are moving on apace for the art exhibition and auction that the Women's Auxiliary of the Commissioned Mess sponsors each year. This year's exhibition and auction will be held on Friday, Feb. 27, with the preview showing beginning at 6 p.m. and the auction at 8 p.m.

Those planning to attend are asked a donation of \$1; there'll be a wine and cheese tasting and hourly door prizes.

Art works for sale include lithographs, serigraphs, etchings, embossed engravings and original oils by noted artists. Prices range from \$35 on up, with no interest charged for those who buy investment art on an extended payment plan.

Those who would like to start the evening with dinner are invited to partake of the dinner special, a prime rib dinner with all the trimmings for only \$8.95.

+++

Camel and ostrich races at 1:30 p.m. daily, Arabian Nights pageants at 6:45 p.m. daily, harem dancers, gem and mineral show, floriculture show and lots of date and citrus products for sale highlight the National Date Festival at Indio. The festival extends through Sunday. Hours are 10 a.m. to 10 p.m. General admission is \$4 for 12 years and older and \$2 for ages 5 to 11.

Additional information can be obtained by telephoning (619) 342-8244.

+++

Tonight at 7 o'clock Ranger Patty Brown will present a campfire program entitled "Just Passin' Through — A Human History of Red Rock." The presentation will be at the Red Rock Canyon Ranger Station and is free.

+++

Tickets are on sale for the annual CPO Ball to be held on Saturday, Feb. 28, at the Chief Petty Officer's Mess. A social hour begins the evening at 6 p.m., followed by dinner at 7 and dancing to the music of "Legends" at 8:30 p.m.

Honored guest speaker for the ball will be Capt. J.J. Lahr, USN (ret.), former Commander of the Naval Weapons Center.

Menu for the evening will be a choice of filet mignon or a fish platter with lobster, shrimp and baked fish. Reservations are required; tickets are \$12.50 per person.

Attire for the evening will be formal (service dress blues or better for active duty military).

Further information can be obtained by telephoning NWC ext. 3633 or 3634.

Adoptions set

Throughout this weekend the Bureau of Land Management will hold a wild horse and burro adoption program at the Kern County Fairgrounds in Bakersfield. The grounds open at 8 a.m. each day.

Further information can be obtained by telephoning (805) 861-4191.

Movies

FRIDAY, SUNDAY	FEB. 20, 22
"THE BOY WHO COULD FLY"	
Starring	
Bonnie Bodelia and Colleen Dewhurst	
(Fantasy, rated PG, 108 min.)	
SATURDAY	FEB. 21
"BACK TO THE FUTURE"	
Starring	
Michael J. Fox and Christopher Lloyd	
(Science-Fiction, rated PG, 116 min.)	
MONDAY	FEB. 22
NO MOVIE	
IWV CONCERT	
WEDNESDAY	FEB. 25
"BULLIES"	
Starring	
Janet Laine Green and Dehl Berti	
(Action-Drama, rated R, 97 min.)	
FRIDAY	FEB. 27
"A FINE MESS"	
Starring	
Tei Danson and Howie Mandel	
(Comedy, rated R, 90 min.)	
Starting Time: Evening 7 p.m.	
(G) ALL AGES ADMITTED	
General Audiences	
(PG) ALL AGES ADMITTED	
Parental Guidance Suggested	
(R) RESTRICTED	
Under 17 Requires Accompanying	
Parent or Adult Guardian	

★ U.S. Government Printing Office:
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FROM _____

TO _____

PLACE STAMP HERE

Teamwork delivers safety salute from NAVAIR

Aviation safety award winner for 1986 from the Naval Air Systems Command for all RDT&E facilities is the Naval Weapons Center.

As Rear Admiral William J. Finneran, Vice Commander of NAVAIR, said as he presented the award on Feb. 12, "We recognize this is a very special accomplishment achieved through the truly superlative efforts of many different people."

"The Naval Weapons Center sets a little higher standards than the rest for flight preparation and flight execution. It is amazing to have such an outstanding safety record in considering how many flight hours are flown here annually in so many different aircraft and, also, with so many of these aircraft being specially configured for tests."

RADM. Finneran briefed all NWC flying officers and other involved military and civilian personnel about flying safety in NAVAIR activities during the preceding year. Although NWC is not a NAVAIR facility, it qualifies for the award since so many of the projects at the Center are sponsored by that systems command.

"We Washington bureaucrats are truly interested in the safety program," RADM. Finneran noted. He pointed out that although there were five aircraft and six Navy personnel lost during 1986 in Class A accidents, the safety record has improved dramatically since the 1950s.

Among the reasons for the improvement, he noted, was an increased concern with aircraft system safety. "Here at NWC," RADM. Finneran added, "you've got 11 people directly involved with system safety."

Capt. John Burt, NWC Commander, responded to RADM. Finneran's remarks by mentioning those who represented the groups that made winning the award possible for NWC.

"A lot of people are on our team," he noted, "with the pilots being only one small part of the team."

He specifically mentioned the maintenance personnel in the Aircraft Department, as well as recognizing the role played by the civilian community in the Laboratory and Test and Evaluation Directorates. He also mentioned specifically the military and civilian personnel of the

Support Directorate, especially the Range Department.

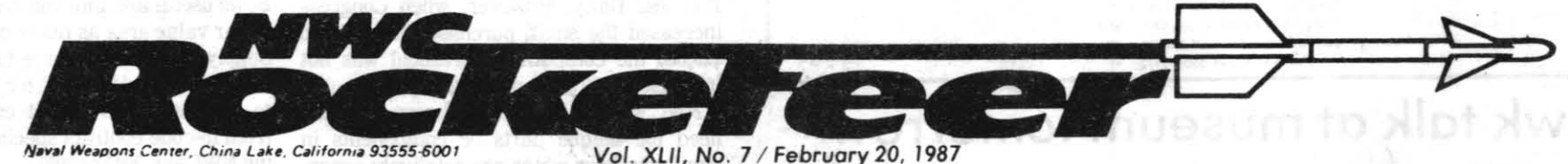
Lastly, he especially recognized the personnel from the Aircraft Weapons Integration Department, through which most flight hours are sponsored and all the personnel of the Aircraft Department.

Capt. Burt concluded with, "We thank you for this award. We pledge to continue to all be concerned with improving aviation safety."



TEAMWORK PAYS OFF — Aviation Safety Officer LCdr. Dave Ganger shows Cdr. Richard Erickson the safety award just presented to NWC. Watching are, l.

to r., Ens. Ken Black; Capt. Gene Allen; RADM. William J. Finneran (Vice Commander of NAVAIR), who presented the award; Paul Homer and Capt. John Burt.



Naval Weapons Center, China Lake, California 93555-6001

Vol. XLII, No. 7 / February 20, 1987

Procedure changes bring benefits to Supply's customers

Customers of the Naval Weapons Center's Supply Department are expected to benefit from changes to procurement procedures as the result of Congressional action last year and Model Installation Program Initiatives (MIPI) approved by higher headquarters.

Jeff Meriam, Associate Head of the Supply Department's contracting organization, said that many of the changes will result in simpler, quicker procurement of some items purchased by the Navy at NWC.

Modifications to the Competition In Contracting Act by the last session of Congress significantly raised the threshold level of procurements that must be published in the Commerce Business Daily. The minimum purchase needing such synopsis went from \$10,000 to \$25,000 for competitive procure-

ment, saving at least 50 days lead time for competitive procurements in this dollar range.



Congress, noted Meriam, remained very firm on sole-source purchases, leaving the threshold at \$10,000. Also, Congress re-

mains committed to assisting small and disadvantaged businesses through the federal procurement process.

The law increased the level of purchases reserved for small businesses to all purchases less than \$25,000 in an effort to get more products and services from small or minority-owned firms. The old level has been \$10,000 or less.

Regarding the Model Installation Program, a MIPI approval has been granted by Assistant Secretary, Navy (Shipbuilding and Logistics) (ASN(S&L)) to place an open purchase order for some items under mandatory General Services Agency (GSA) schedule contracts. This approval should significantly improve Supply's service to Center customers since prior to the MIPI, GSA schedules had to be used when the

value of goods reached \$50 to \$100 depending on what it was. The revised procedure allows open purchases for goods worth up to \$500.

"The \$500 threshold will allow us to use a much simpler procedure . . . that really helps the Center," commented Meriam.

Technical project small purchases can now have GSA schedules waived at the NWC level, for any dollar amount, under another approved MIPI. Previously such waivers had to be made by GSA, not Center officials. The customer will still have to provide waiver justification to the Supply Department, but the approval can be made locally, if the purchase for goods is in direct support of technical projects. Since the off-Center approvals have taken a

(Continued on Page 2)

Cups on sale

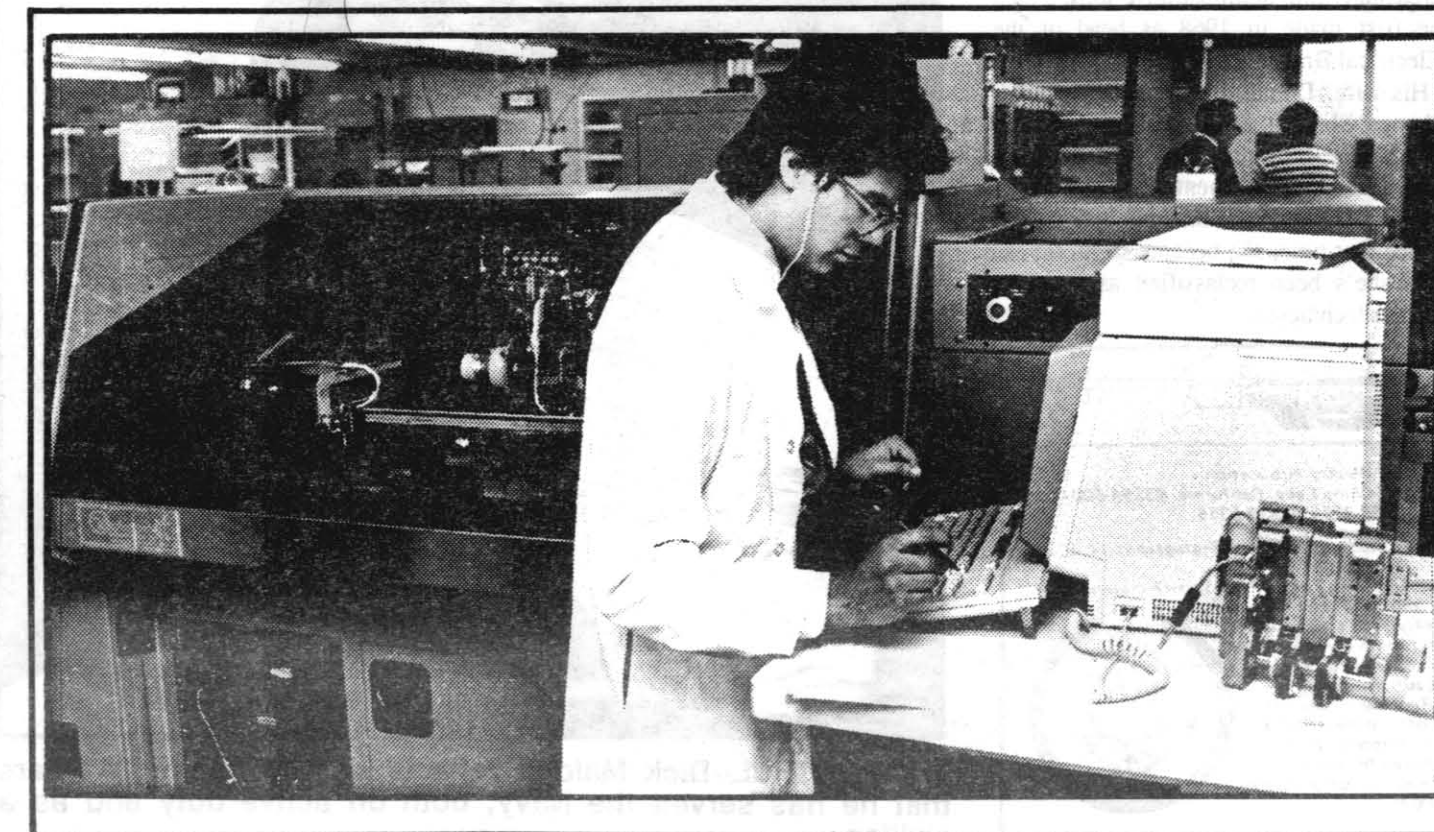
NWC ceramic coffee cups are now for sale at the Craft/Hobby Center for only \$3 each. A name, code or special message can be put on the cup in gold for no additional cost.

Orders for cups can be placed either by stopping by the Craft/Hobby Center or by telephoning NWC ext. 3252.

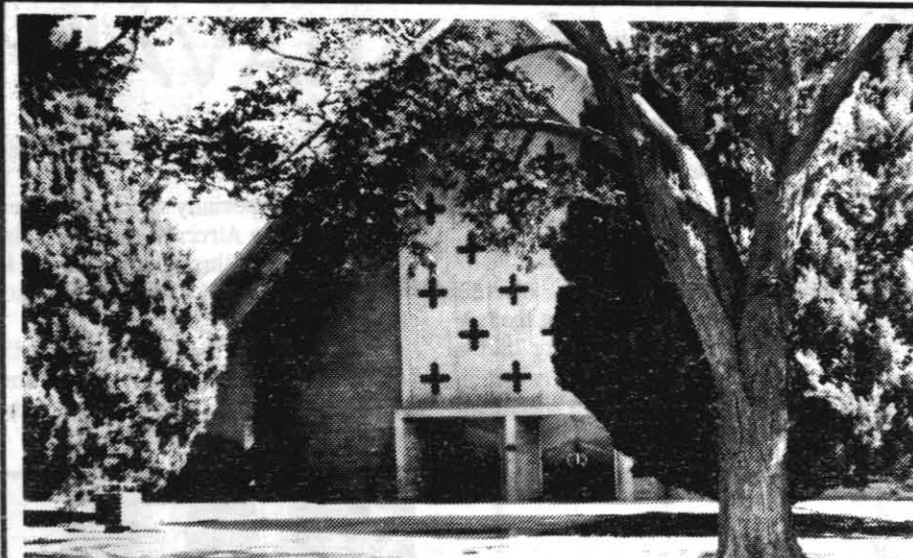


	Max	Min	Peak Gust
Fri.	69	52	28 knots
Sat.	69	41	16 knots
Sun.	66	35	35 knots
Mon.	66	39	22 knots
Tues.	65	26	11 knots
Wed.	62	33	29 knots
Thurs.	63	39	25 knots

All measurements are made at Armitage Airfield.



EMPF TOURS — Visitors to the Naval Weapons Center for the 11th Annual Electronics Manufacturing Seminar were given informal tours of the Center's Electronics Manufacturing Productivity Facility and the Center's Soldering School as part of the seminar activities. More than 900 persons from government, industry and the academic community took part in this year's seminar.



Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Wednesday 11:30 a.m.	Sept. through June
Thursday 7:00 p.m.	Officer's Christian Fellowship
	Christian Military Fellowship
	ROMAN CATHOLIC
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 4)	1 p.m.

Chaplain J. Milton Collins, Capt. CHC, USN
Chaplain A. J. Smith, Cdr., CHC, USN
Chaplain C. R. Beede, Lt. jg., CHC, USNR
Hearing impaired equipment available. Nursery available.
Phone NWC ext. 3506, 2773.

Hawk talk at museum tomorrow

Dr. Jeff Novak, a local veterinarian, will talk about "North American Birds of Prey and Falconry" at the Maturango Museum tomorrow at 3 p.m. He will be accompa-

nied by some of his hawks as he talks about their habits and nature. Hawks are a hobby with Dr. Novak. Special permits are required to keep these birds even for a short time.

Dick Malone enjoys his 34 years of Navy service

Ordinarily those who combine a career at the Naval Weapons Center with active duty Navy service start their civilian employment after their tour in the military. That's not the case with Dick Malone, who currently heads the Engineering Division in the Public Works Department. He started at China Lake as a civilian, then went on active duty, and returned to become part of the desert Navy again.

A native of Longview, Washington, the climate in the desert was what brought him and his wife, Donna, here when he completed his degree in electrical engineering at the University of Washington.

"We got tired of rain," he said. "When Dr. Ivar Highberg came to Seattle on a recruiting trip, both the Junior Professional Program and the dryness of the desert appealed to me."

He adds, however, that they had second thoughts when they moved here in July 1953, found themselves assigned to a trailer, and found that the temperature was in excess of 100 degrees.

Since he was still eligible for the draft, Malone decided that it would be best to volunteer for military service in the Navy in 1956. After OCS, he was stationed at San Diego in the Navy Civil Engineer Corps mainly dealing with military construction projects.

Although he returned to civilian life in 1959, Malone did stay in the reserves and served as Commanding Officer of the local Seabee Detachment for several years prior to his retirement from reserve duty.

He says that he found his active duty experience helpful as he's moved increasingly into administrative jobs, a step he first made in 1968 as head of the Electrical Branch.

His wife, Donna, has also had a career change. She was working as secretary for the Microelectronics Branch of the Fuse and Sensors Department when she began working some in the branch's laboratory. Since that time, she became so proficient that she's been reclassified as an electronics technician.

MIPIs granted . . .

(Continued from Page 1)

minimum of at least 30 days in the past, this much time, or more, will be saved under the new procedures. The MIPI does not allow waivers to be approved locally for the purchase of office furniture, typewriters or other non-technical items.

Another approved MIPI allows the Supply Department to waive the Buy American Act on a class basis rather than a stub-by-stub basis. The contracting officer must conduct a survey to determine that the items are not manufactured in the United States (video recorders, 35mm cameras and video cameras are a few examples) and can then issue a waiver, good for two years, on items in that class.

When implemented, this change will eliminate an entire layer of documentation and processing for a considerable time savings to customers.

Another MIPI would have raised the threshold from \$1,000 to \$2,500 for small purchase competition. Even though it was disapproved by ASN(S&L) it may be revived through a request from the Assistant Secretary of Defense (Acquisition and Logistics) (ASD(A&L)) to the services to consider test implementation for the rest of this year.

Regulations now require solicitation of quotes from at least three sources if the proposed purchase exceeds \$1,000. Historically this threshold has been set at 10 percent of the ceiling for small purchases without advertising in the Commerce Business Daily. However, when Congress increased the small purchase threshold to \$25,000 the competition threshold was not increased to 10 percent, or \$2,500.

NWC sought the waiver because of the need for unique parts or components in small numbers which are relatively expensive in such quantities. Such materials are often available only from a very limited number of suppliers. Since NWC is often

pushing the threshold of technology, such parts have not come into common usage or large scale commercial production.

The waiver, allowing the competition threshold to be raised to \$2,500, would have permitted acquisition of these unique items in a more timely fashion in support of the Center's RDT&E mission.

It was determined by the Assistant Secretary of the Navy that this waiver would not lead to improved pricing through competition which led to the disapproval.

However, in a November memo to Service Secretaries and the Defense Logistics Agency, the ASD(A&L) requested the services allow model installations to test the increased threshold for this year and a review be done at the end of the year to determine if the threshold increase should be applied more broadly within DOD. If the Navy agrees and NWC is selected as a test site, major benefits in shorter lead times will occur.

Meriam also noted that the Supply Department has prepared a "Customer's Guide to Supply" which addresses open purchases under \$25,000, system requisitions from the GSA, DOD and Navy Supply System and warehouse requisitions. It was developed over a two-year period based on extensive input from customers. It answers common questions such as, "If small purchases are so simple, why does it take so long?" and "Why don't you use my suggested source?" The "Guide" is hoped to be as useful and informative in the smaller dollar value area as many customers of the Supply Department have found the "NWC Acquisition Guidelines" for large contracts to be. He stated that it can be obtained from in-code contract specialists or by calling NWC ext. 2043 or 2087.

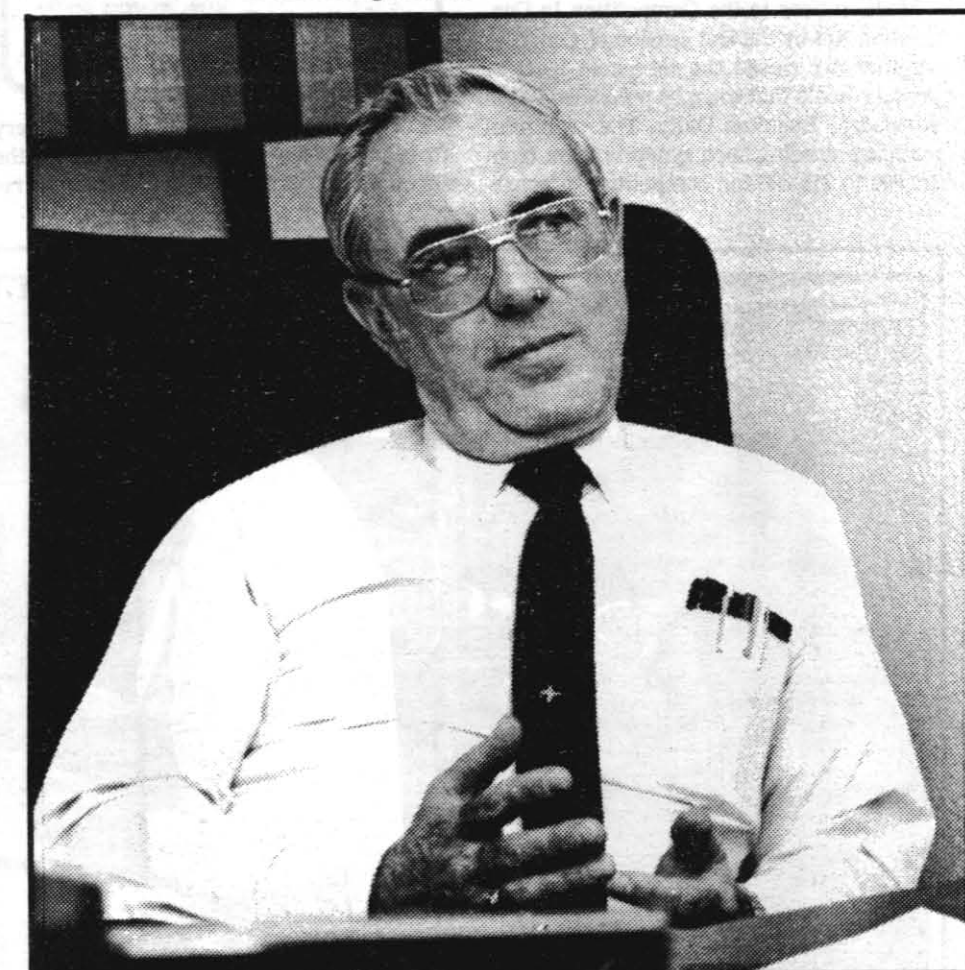
Meriam solicits comments from Supply Department customers, both pro and con, on the new procedures.

What changes has Malone seen since he first came on board 34 years ago?

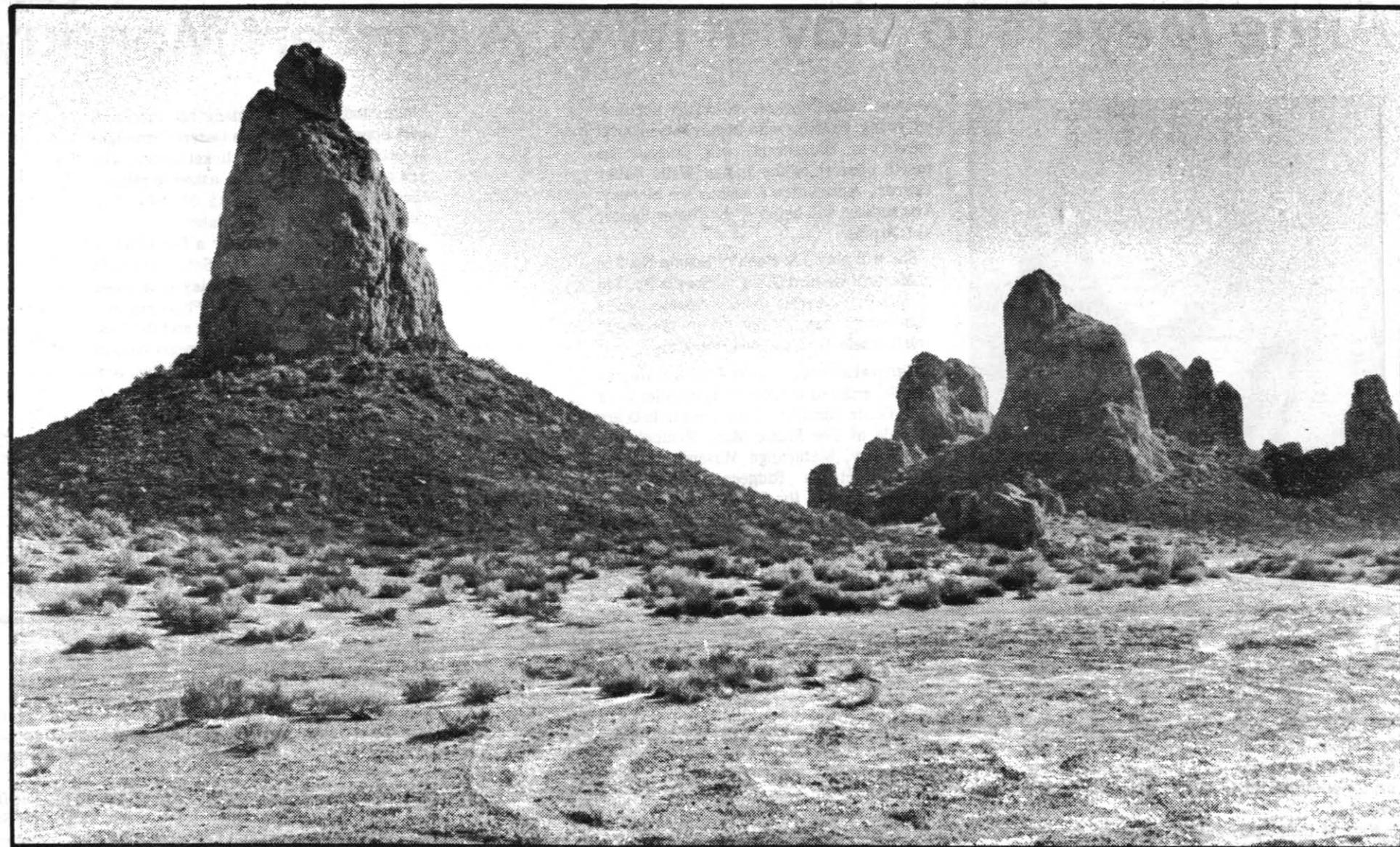
"We're doing a lot more contracting," he notes, "but how NWC people think about their jobs is pretty much the same. They're still very dedicated."

He adds that "We're also doing a lot of

construction again. When I first came here, all the buildings were relatively new. Now some are needing replacement—and there's a lot of building needed for new programs. It's still an exciting and interesting place."



THOUGHTFUL—Dick Malone reflects on the nearly 34 years that he has served the Navy, both on active duty and as a civilian.



MASSIVE TOWER — For those who would like to ascend one of the towers, a dirt road leads nearly to the top of this giant.

Lunar look brings many visitors to view Pinnacles

Looking more like a landscape on the moon than something earthly, the Trona Pinnacles consist of more than 500 spires in an area that is roughly oval, three miles wide by four-and-a-half miles long. The tufa towers soar up to 140 feet in height from the flat lake bottom.

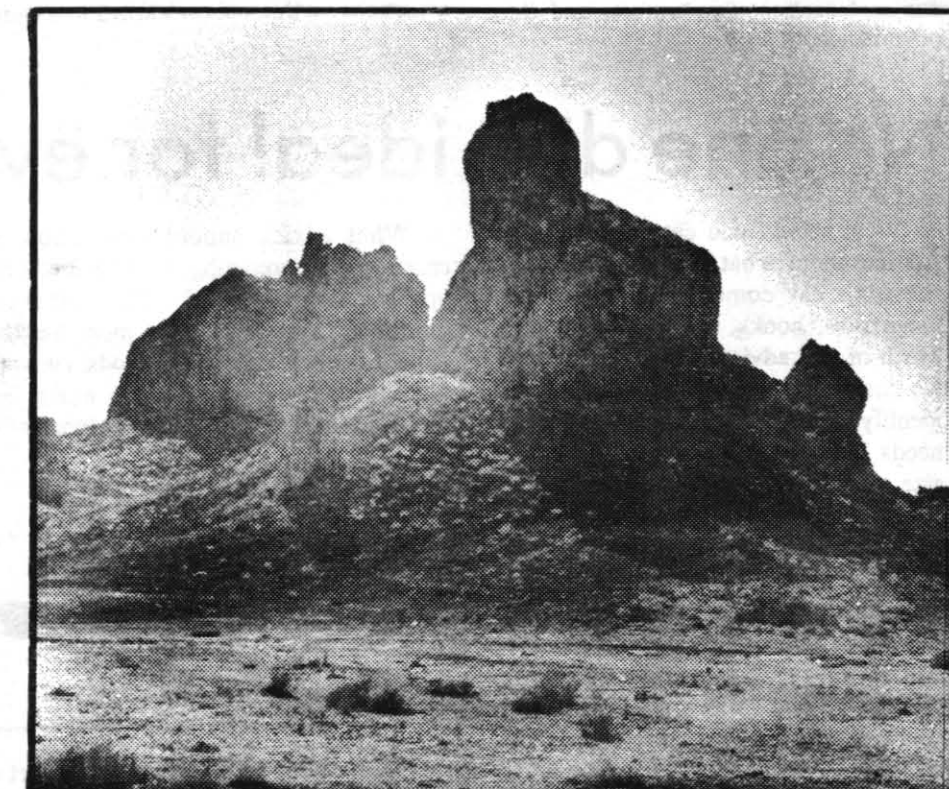
The Pinnacles are relics of the glacial periods during which valleys of the area were filled with water and formed a chain of interconnected lakes.

Ancient Searles Lake had considerable amounts of dissolved sodium carbonate as well as various other chemicals derived from local geothermal systems. Ground water was rich in calcium; this water came from rain falling in the Spangler Hills to the west of the Searles Valley and seeped through the fractured rocks and out under the lake in sandy zones. The warm to hot ground underlying the area helped ground water become even richer in calcium and helped it move to the surface through cracks in the lakebed where it met the carbonate-rich lake waters.

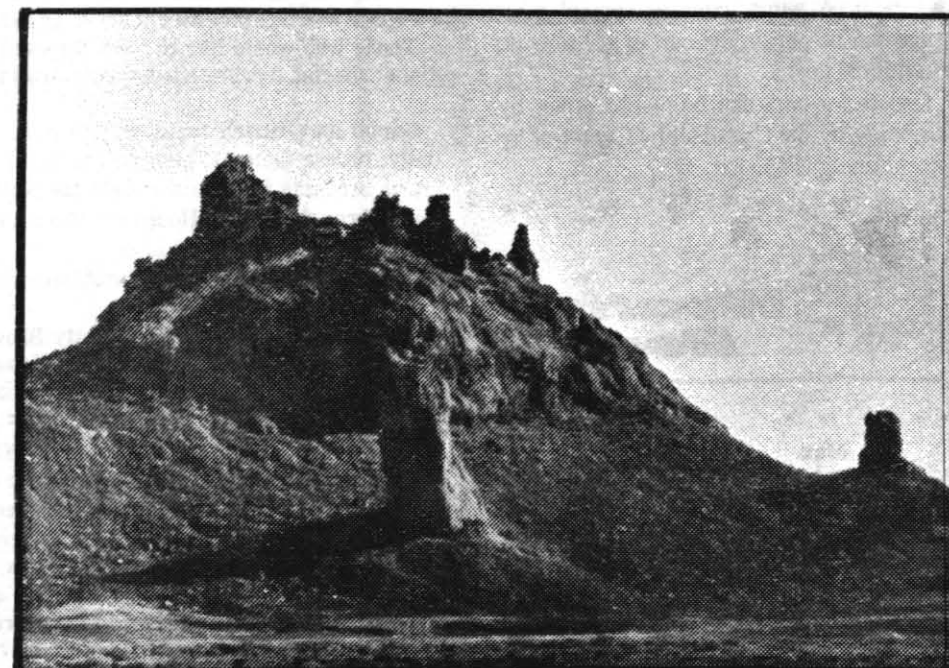
The Pinnacles grew as little hollow tubes, then as mounds and finally as the Pinnacles seen today. All this took place under water because they could not grow above the surface. When the lake dried up, they were exposed.

The Pinnacles are located about 10 miles south of Trona. They can be reached by turning off Highway 178 7.7 miles east of the intersection of Highway 178 and the Trona-Red Mountain Road onto a dirt road. (This dirt road is located near a sign that says "End 178"). When the road forks, take the west fork, not the one that has a sign "Leslie Salt." The unimproved dirt road is passable by a family car in dry weather; in wet weather not even a four-wheel drive vehicle can cross it because the road travels across the dry lakebed.

The Trona Pinnacles are located in a "Limited Use" area for motorized vehicles. Vehicle use is restricted to existing roads and trails.



NIGHTMARE LANDSCAPE — Some of the formations look as though they had been developed for a science fiction movie — and views of the Pinnacles have indeed appeared in television dramas such as "Twilight Zone."



CLUSTER — Some of the tufa towers are grouped together, while others reach skyward singly.

NWC Rocketeer

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NWC Commander

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Technical Director

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China Lake Little League hosting 1987 tryouts

China Lake Little League opens its tryouts for youngsters who plan to play in the Major Division this season. Tryouts are set for 9 a.m. to 1 p.m. tomorrow (Saturday) at the Little League Diamond Four on board the Naval Weapons Center. Also, tryouts will be held at the Inyokern Diamond from noon to 3 p.m. tomorrow.

Boys and girls six to 12 years of age can still sign up for the 1987 season. Registration will be conducted tomorrow along with the tryouts.

Players who have already registered need to attend a tryout session to play in the Majors unless they were on a Majors team last year.

Athletes 14 to 15 years of age are eligible for the Senior Baseball program through the China Lake Little League. Tryouts and sign ups for this program will begin next month.

This year youngsters will be taking part in T-Ball, Farm, Minor, Major and

Senior divisions. The seniors will participate in a competitive program against teams from Ridgecrest, California City, Rosamond, Edwards and Boron.

As the only area league affiliated with the National Little League, the China

Lake Little League program is open to all youth of the Indian Wells Valley interested in playing baseball this spring and summer.

The program focuses on teaching sportsmanship, citizenship and teamwork. Backers of Little League say it helps build self esteem and a healthy sense of competition.

There is a \$15 per player or \$35 per family fee for registration.

For additional information on China Lake Little League programs call K. Moffitt at 446-6781. There is also a need for adult volunteers to assist in coaching the teams and acting as umpires during games; call K. Moffitt for details.



Sports

Tie in league

Identical 6-2 records have locked the Slow-Goers and Texas Instruments basketball teams in a tie for first place in the NWC Intramural Basketball League's "B" Division.

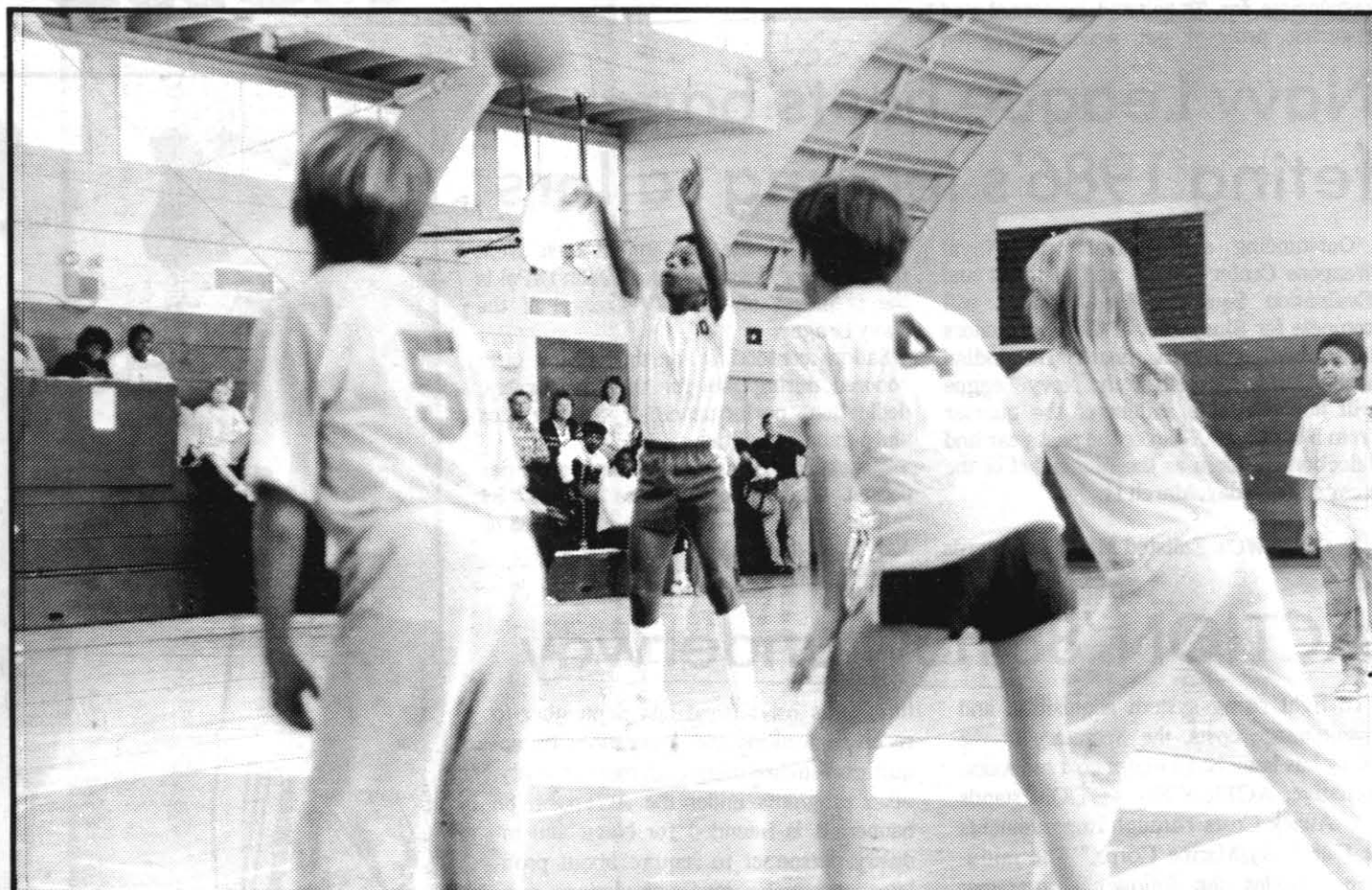
The five-way tie of last week for third place has been shattered. Pearson's sports a 7-3 mark while De Bums are at 6-3 and Desert Motors has a 6-4 record. The only team with a winning mark at this point in the long season is the K-Z Kondors who boast a 5-4 record.

Go-cart rides during March

Kart-Trax go-carts will be featured at the Naval Weapons Center's mini-speedway sponsored by Recreational Services Department on March 16-29.

The little speedway will be set up next to the Navy Exchange Gas Station. Operating hours will be determined by weather conditions.

Anyone who wants to drive (ride) one of the machines, is welcome. A ride is only \$2.50. Children less than 48 inches tall must be accompanied by an adult. For maximum safety, top speed of the cars is 20 miles per hour.



YOUTH HOOPS — After taking dead aim on the bucket, a young cager lets the basketball fly during a NWC Youth Basketball League contest in the NWC Gym. There is less than a month re-

maining in the 1987 youth hoop season. Kids in the Indian Wells Valley will soon be turning their attention toward soccer and baseball after school hours. — Photo by PH2 Rick Moore

Softball time

Bobby Sox League softball in Ridgecrest this year will provide the opportunity for girls six to 16 and boys six to 13 to play softball. The league needs support from adult volunteers for the five divisions of young athletes.

"Every team member plays," is not a motto, but an every-game promise to ensure every rostered player develops greater self-esteem and confidence as the season progresses.

All players, and the adult volunteers, are encouraged to develop the four Bobby Sox "ships": sportsmanship, citizenship, friendship and leadership.

Mothers and fathers of players, as well as other adult volunteers are needed as umpires, coaches, team members and chaperones.

Tomorrow (Saturday) is planned as a busy and productive day at Murray Junior High. Registration for the 1987 league season is set from 10 a.m. to 2 p.m. Additionally, volunteers are working on field improvement activities from 9 a.m. until noon and from 1 to 3 p.m.

Netters next

Volleyball will be the next sport at the Naval Weapons Center for both intramural and varsity competition. There is a final organizational meeting for intramural volleyball scheduled for Wednesday, Feb. 25 at the Sports Office in the NWC gym. The meeting is set for 4:30 p.m.

President's Day 10-Kilometer Race last Saturday morning. More than 50 runners took part in the event and the Five-Kilometer race that was part of the annual race schedule. — Photo by Steve Boster



RUNNING AWAY — Thundering down the road, a herd of runners, led by Bill Wilson (left) and Gill Cornell, make their way past the photographer at the start of the Over-The-Hill Track Club's annual



The Skipper Sez...

QUESTION

Civilian employee -- It seems just when we are getting a little bit ahead financially, we take a huge step backwards. I am referring to the rent increases announced in the Rocketeer recently. It came as a surprise, with no advance indication. The fact that these increases are 7.8%, while we are only receiving a 3% raise, makes a net loss of 4.8% of take-home pay. I live in an old duplex unit; and what make it all the more aggravating, is that these buildings are not worth that kind of money. I am sure the same could be said of some of the other units, especially here in the desert. If the idea of these rent increases is to force the population out of base housing so that these buildings and the land they stand on can be disposed of because it is no longer a convenient Navy policy to maintain them, then let's come right out and say it! For some of us who have moved here, and are deciding whether or not on making Indian Wells Valley our homes of records, base housing is a convenience; but increases only hasten our decision to leave NWC and seek employment elsewhere. Captain, I realize you are probably powerless in this matter, that the rates come from San Bruno, but I wanted to let you know how I feel. With the expense of having to go one hundred miles or more for shopping or recreational purposes, since they are not readily available here, the decrease in net pay every month makes the desert less attractive. Thank you, sir, for your time and attention.

ANSWER

The Congress has determined that government employees living in government quarters should pay rent that is equivalent to that prevailing for private housing in the same area. In order to do this, rental rates for government quarters at China Lake are established every five years by a rent survey conducted by WESTNAVACENGCOM. Subsequent annual adjustments to these rates are then determined by changes in the rent component of the Consumer Price Index. Additionally, government furnished utilities are adjusted annually to keep pace with current costs.

The latest rental rate survey was conducted in May 1985. The 7.8% increase in the Consumer Price Index rent component is the cumulative increase since the survey was conducted in 1985. The actual year to year rental increase when combined with the utility rate increase is 5.5% for all types of housing units compared to 1986 rates.

The reason for annual rent and utility rate adjustments is not to force the population out of base housing, but to maintain parity with the government employees who live in the civilian community. Be assured that there is no plan to remove civilians now living in government quarters. However, due to the increased availability of off-base housing, eligibility for government housing is now being restricted to new hires from outside the local area.

If you have further questions regarding the computation of government housing rates, you should contact our Navy Housing Office (Code 265), NWC ext. 3411/319, for further details.

QUESTION

Good morning, Skipper. I noticed that our Civil Engineers did a good job on the flood control work out on Sandquist Road. We have a road that is now a lake because the road is lower than the flood exit that heads east off of Sandquist Road. Are you going to fix the pond before we have the need of a fire truck, or what not, to use that road to go to the airfield?

QUESTION

Yes, I just wanted to compliment you on the flood control work you did. I noticed that all the ditches you put in to carry the water away were bone dry this morning; but we could hardly get to work on Sandquist Road going to the airport due to the water standing in the road. Also, I wondered if they ever intend to pave the section of road they have done construction on. Thank you.

ANSWER

The standing water on Sandquist Road was the result of contractor error in following the new road design. By not providing the proper road cross section at the low point of the alignment, he inadvertently dammed up water on the west side. This has now been corrected.

All China Lokers, 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. John Burt. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

'Passive smoking' presents major health risks

The people responsible for implementing the Department of Defense's stepped-up anti-smoking program have new ammunition they can use.

A special committee of the National Research Council, the main operating arm of the congressionally chartered National Academy of Sciences, has completed an exhaustive, year-long review of available scientific studies on the health risks of "passive smoking" -- non-smokers'

inhalation of cigarette, cigar and pipe smoke.

The risk to children, particularly infants, is greatest and most conclusive, according to the report. Citing remarkably consistent scientific data on the effects of small children's exposure to environmental tobacco smoke, the committee concluded it would be prudent to eliminate smoking from their environment.

Children of smoking parents suffer

pneumonia, bronchitis and other lower-respiratory-tract infections up to twice as often during the first year of life as do children of non-smokers. Furthermore, non-smoking women married to smokers may be more likely to have smaller babies than non-smoking women married to non-smokers.

Although the evidence on health risks to adults is less conclusive, cumulative data from studies conducted throughout the

world show that a spouse of a smoker has about a 30 percent increased risk for lung cancer, the committee found.

On the subject of passive smoking at work, one of the report's authors, University of Texas epidemiologist Patricia Buffler, said, "There is no reason to believe that someone who sits next to a smoker at work eight hours a day is at less risk than someone who lives with a smoker... but our studies were based on home exposure, not office exposure."



PRECIOUS GIFT--Fleet Reserve Association members Wally Baker, Skip Bennett and Tina Evans are joined by Polly Ferraro, director of the Children's Centers, who is holding the CPR mannikin presented to her by the FRA.

Life-saving gift made

Tykes who spend part of their days at the China Lake Children's Centers are safer because the generosity of members of the Fleet Reserve Association. FRA members have donated a child-sized mannikin to be used in cardio-pulmonary resuscitation training by members of the Children's Centers staff.

Three certified instructors are currently

on the staff. They are Polly Ferraro, Director of the Children's Centers; Debbie Bergstrom; and Janet Bulter.

Representing the FRA when the mannikin was presented were Skip Bennett, president; Wally Baker, secretary-treasurer; and Tina Evans, coordinator for Children's Centers project.

Agency panel set

Meeting slated about water

Water is vital to any life in a desert area. Recently much controversy has been raised about whether local water supplies are adequate.

Some tickets are still available for a joint dinner meeting of the High Desert Engineering Association (HIDEA) and the American Society for Public Administration at which water issues in the local area will be discussed. The meeting will be held at the Commissioned Officers' Mess on Wednesday.

Representatives of four regional agencies dealing with water in the Indian Wells Valley will hold a panel discussion about present and potential water problems here and what can be done about them.

The evening will begin with a social hour, followed by dinner at 7 p.m.

Tickets are \$12 per person for dinner and the discussion. They can be obtained from Ramesh Ajmera, NWC ext. 3588; Stacey Howard, NWC ext. 7517; or George Linstead, NWC ext. 2305.

Inventors to be recognized

Annually in February individuals who have made significant contributions through their creative ideas are recognized during "Inventor's Month." NWC is participating in this celebration with the second annual H. G. Wilson Awards, which recognize inventions that have already proven their substantial benefits to the federal government over a period of

time.

The presentation will be at 1 p.m. on Friday, February 27, at the Michelson Laboratory auditorium (Rm. 100D). Presentations will be made by Technical Director Gerry Schiefer with the assistance of H. G. (Hack) Wilson, for whom the award was named.

Black History celebration dates back to 1926

The observation of Black History began in February 1926 when Dr. Carter G. Woodson, the director of the Association for the Study of Negro Life and History launched the celebration of Negro History Week... a short period devoted to public exercises emphasizing the salient facts of history influenced by the Negro... mainly facts brought to light by the research and publications of the Association during its first 11 years.

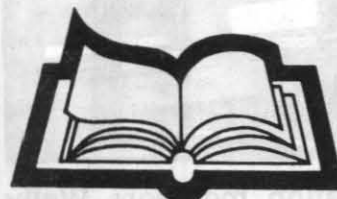
This step was regarded as timely, and the enlightened public responded warmly to the proclamation of this observance. The effort was widely supported by schools, churches and clubs among Negroes, and the movement gradually found support among institutions and other races in America and abroad. Today the celebration enjoys widespread participation.

From 1926 through 1975, the observance occurred each year about the second Sunday in February, the objective being to select a week that would include both

February 12 and 14. Negro History Week was meant to embrace the birth dates of both Abraham Lincoln and Frederick Douglass... in the latter case, the date that Douglass calculated must have been his natal day. Sometimes the celebration could include only one date. At such times, the selected birth date was that of the Negro, Frederick Douglass.

In 1976, the Association for the Study of Afro-American Life and History (ASALH) expanded the week's celebration to include the entire month to provide more time for programs, observances and celebrations for America's Bicentennial celebration. The idea of the entire month caught on and ASALH was besieged with requests from all over the country to continue the observance for one month so as to provide more time to the nation and local communities for Afro-American History programs.

--By Catherine Rogers



NOTES/NWC Pages from the Past

Capt. Walter V. R. Vieweg, who was Commander of the Naval Ordnance Test Station at China Lake for three years, is honored by having both a school and a street named after him. The school was named after him within a month of the time that he left China Lake to become Commander, Fleet Aircraft, Hawaii.

He came to China Lake from the aircraft carrier Kearsarge (which also has a local street named after it) in 1949, and left at the end of October in 1952.

Capt. Vieweg had a distinguished wartime career, during which he was awarded the Navy Cross for heroism as

Commanding Officer of the USS Gambier Bay in action against enemy Japanese forces during the battle off Samar on Oct. 25, 1944. The Presidential Unit Citation was also earned by the ship for that battle.

While at China Lake, Capt. Vieweg was noted for expressing his feeling that "Working with people is much more important than the most intricate mechanism with which an installation is concerned."

He also noted that "To make the Station of value to the country, results must show that, in output, it is giving the taxpayers their money's worth."



China Lake Police Reports

When one driver failed to yield the right of way to another driver at the airfield, two vehicles collided. Both vehicles sustained damage.

An individual attempted to enter the main gate by using his wife's community pass. The pass was confiscated and a report was taken.

While one vehicle was backing in the dirt area north of the grounds maintenance building, it struck another. The vehicle that was backing was damaged.

At 7:04 p.m. Friday a guard at the main gate area detected a possible drunk driver. China Lake police officers contacted the driver and found him to be driving under the influence. He was arrested, held for six hours, and then cited into court.

Officers filed a report on an individual who was driving with a suspended driver's license. He was given a misdemeanor citation.

At 2:24 a.m. Saturday police officers made a traffic stop and found that the driver was under the influence of alcohol. She was arrested, held for five hours and cited into court.

China Lake police found a license plate near the intersection of Lauritsen and Richmond Roads.

Police officers from China Lake assisted Ridgecrest police officers in the investigation of a hit and run traffic accident.

On Monday officers took a report that four juveniles had started a brush fire in the tree line at the school. The Fire Division put out the fire; police took the juveniles home and released them to their parents.

China Lake police assisted Ridgecrest officers in making a warrant arrest on a military subject for outstanding traffic warrants. The individual was taken to Ridgecrest jail.

A motorist pulling away from the gas pumps at the NEX gas station struck one of the pumps on the island. Minor damage to both vehicle and pump resulted.

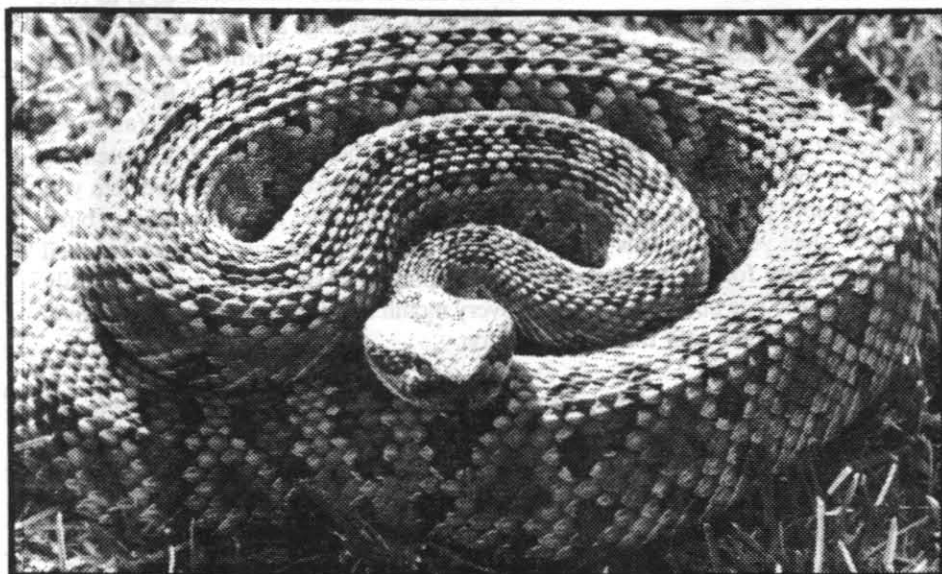
When an officer saw an individual he thought was on the "bar" list on board the Center, he stopped that individual, checked and discovered that the person was indeed not supposed to be on board. The individual was arrested and cited into U. S. Magistrate's Court for trespassing.

Officers took a disturbance of the peace report on three juveniles who were shouting obscenities at a school teacher who was working late after school at Vieweg School.

China Lake police assisted Ridgecrest police in backing them up on a traffic stop of a suspect in a stolen vehicle.

Police arrested a second suspect for a burglary committed on Navy property on Herbert Street. This one was also booked into Ridgecrest jail.

Unknown persons removed photographs



BE ALERT--Warmer weather brings out rattlers. While they are shy and try to avoid people, it's a good idea not to put hands or feet anywhere without looking there first. Also, don't walk barefoot out of doors at night, not even to take out the trash.

Caffeine's impact still questioned

of F/A-18 aircraft from the hallway of a hangar at the airfield.

Unknown persons also removed property from three offices at the airfield.

Personnel at the Commissioned Officers' Mess filed a burglary complaint reporting that someone took eating utensils, dishes and bingo cards.

A grand theft report has been filed regarding the removal of money and newspapers from newspaper machines at Michelson Laboratory, the commissary, galley, Enlisted Mess and Bennington Plaza.

Officers found a pair of roller skates at Switzer Circle. They have been placed into the evidence system for safekeeping so the owner can reclaim them.

STD clinic set

Weekly clinics are held at the Ridgecrest Health Department, 250 W. Ridgecrest Boulevard, regarding sexually transmitted diseases (STDs). The clinics are held Monday through Friday from 8 a.m. until noon and appointments are necessary. Appointments can be made by telephoning 375-5157.

STD clinics offer counseling, testing and treatment for these diseases. A \$5 fee is charged for the initial visit to the clinic and follow-up visits are \$2.

One of the most popular story lines in American comic strips is the man, woman, cat or dog who just can't seem to function without that first cup of coffee. And just as fantasy sometimes mirrors reality, millions of people believe they can't function until they have had their morning dose of caffeine.

But is caffeine safe? So far, no clear evidence has emerged showing that caffeine, even in large doses, has any long-term effects. And, reports Dr. Andrew Baum, an associate professor of medical psychology at the Uniformed Services University of Health Sciences, caffeine has not definitively been shown to cause cancer.

"People who drink more than five cups of coffee a day are susceptible to certain gastrointestinal problems due to the acidity in the coffee and caffeine," said Baum. "But other than that, I don't see evidence of any real problems yet."

Caffeine affects the central nervous system. "It increases the heart rate and blood pressure and makes people feel that they can do things faster, more efficiently and with a keener focus," Baum said. Caffeine also causes the body to increase its production of adrenaline and stomach acid.

Caffeine, according to Baum, affects each person differently. It might take only two cups of coffee to make some people nervous and shaky while others can consume 10 and sometimes more cups of coffee without any ill effects.

The chief sources of caffeine are tea leaves, coffee beans and kola nuts. Chocolate has a high caffeine content and the cola manufacturers add caffeine to their products. Aspirin and most over-the-counter cold remedies also have high doses of caffeine.

Career oriented sailor earns major VX-5 honor

She's from Virginia, but now calls Hawaii home; she's been in the Navy more than ten years and at Air Test and Evaluation Squadron Five (VX-5) for eight months; now DM1 Crystal Lundy is being honored as the Supervisor of the Quarter.

Petty Officer Lundy is seldom without several tasks to accomplish. In addition to serving as leading petty officer (LPO) for the VX-5 Print Shop, she is Projects LPO, Projects Career Counselor and Command Drug and Alcohol Program Advisor for the squadron.

An illustrator-draftsman for VX-5, she works on drafting tasks when not called away for some of the many supervisory responsibilities she carries.

As Projects LPO Petty Officer Lundy is responsible for 21 enlisted personnel and ensuring projects get accomplished on

schedule. She works for the division officer in supervising projects personnel.

The Print Shop LPO duties keep her active in supervising and scheduling work as well as seeing that everyone is trained on new equipment as it arrives.

Career counselor and DAPA chores occupy a great deal of time, but DM1 Lundy enjoys the hectic pace and the challenges each of these duties offer. "I really love my

job; the people in this squadron are very, very cooperative. I work with a lot of top notch people," she added.

Coming to China Lake from COMSUB-PAC in Hawaii has been a real change for Petty Officer Lundy. She noted, however, she is going back to her favorite place, Hawaii, in about 14 months and hopes to be assigned duty with CINCPAC.

When not busy with her many duties,

DM1 Lundy competes in ballroom dance contests, attends the theater when possible and spends hours in art galleries. She is also an accomplished painter and a collector of classic movies on video tape.

As VX-5's Supervisor of the Quarter, Petty Officer Lundy receives a plaque, 96-hour special liberty, letter of commendation and will be exempt from duty watches for the next three months. The top bluejacket for the squadron is chosen by a board of senior enlisted personnel who question nominees and examine their service records. "The competition is stiff and some of the questions are very tough," commented DM1 Lundy.

The daughter of a service family, she followed two brothers into the Navy and has her eyes set on the khakis of a chief petty officer. She hopes to make chief this time around. "It would be a dream come true," she said of putting on the khakis.



Military News

Navy League hosts banquet feting 1986's leading sailors

Outstanding sailors from the Naval Weapons Center (NWC) and Air Test and Evaluation Squadron Five (VX-5) will compete for Bluejacket of the Year honors for China Lake next month. The Indian Wells Valley Council of the Navy League will honor all the sailors of the quarter from NWC and VX-5 over the past year and select one of them as the Bluejacket of the Year on Saturday, March 14.

Sailors contending for this award were honored during 1986 for their leadership, dedication, performance of Navy duties and personal qualities.

Tickets for the annual dinner are \$11 per person. Reservations can be obtained by calling Bea at 375-4272, Julie at 446-5488 or Judy at 446-2538 no later than March 10.

Set for NWC's Enlisted Mess, the awards

ACTION '88 now underway

To fight rising system acquisition and maintenance costs, the Secretary of the Navy has launched a major cost reduction initiative, ACTION '88. ACTION stands for "Attack Costs Through Improvements in Our Navy/Marine Corps." The initiative includes the following programs: productivity, value engineering, acquisition streamlining, off-the-shelf procurement, and specifications and standards.

A special telephone line, the "stream-

line," was established last September to receive questions and suggestions on acquisition streamlining and, more recently, other programs under the ACTION '88 banner. It is intended for Navy and industry personnel to inquire about problems and make recommendations concerning ACTION '88 programs.

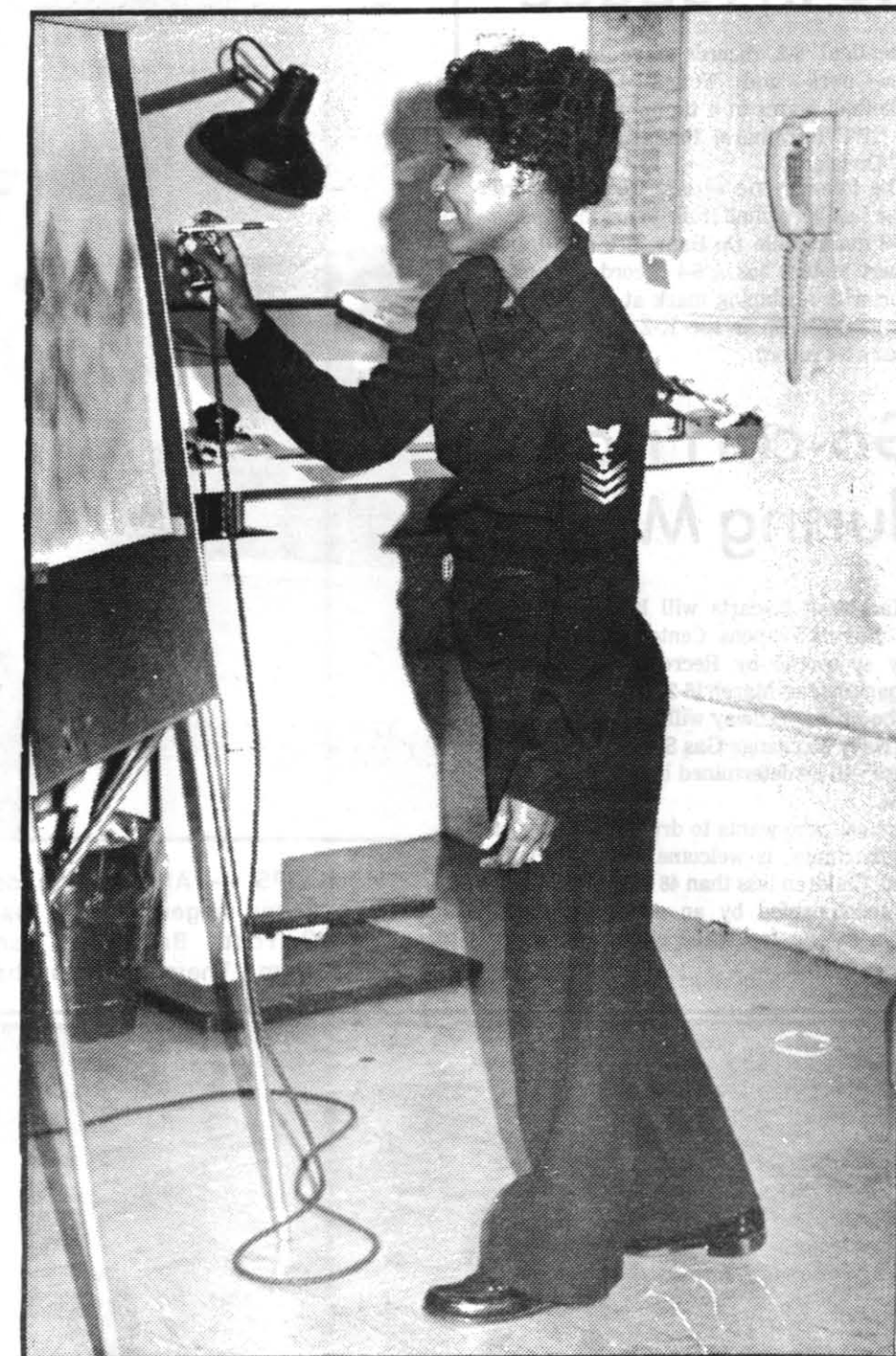
The 24-hour streamline can be reached at: 1-800-NAV-SPEC (1-800-628-7732).

Military gains protection

All members of the Reserve and National Guard are legally protected from being fired from their civilian jobs or discriminated against by their civilian employers as they fulfill their military obligations.

The Omnibus Veterans' Benefits Improvement and Health Care Authorization

Act of 1986 contains that protection and reinforces the Veterans Re-employment Rights Act, in effect for almost 10 years. This law requires that Reservists and National Guard members be permitted leaves of absence from their civilian jobs to participate in military drills or active duty for training.



OUTSTANDING SAILOR — DM1 Crystal Lundy was selected as Air Test and Evaluation Squadron Five (VX-5) Supervisor of the Quarter. Still in her first year at China Lake, the veteran sailor came here from duty in Hawaii. — Photo by PH3 Gaston (VX-5)

NEX notes

Both the spring sale and Baby Week are still ongoing at the Navy Exchange. Spring fashions are now arriving regularly also, so everyone can be appropriately dressed for the warmer weather.

Warm weather also means that lawns need care—and that barbecue season is here again. Supplies for both are now available at the NEX.

To go along with that barbecue, the Minimart is selling Pepsi Lite bottles for only 99 cents each, and Fritos for only 89 cents a bag.

Sunday is the day for the next Super

Sunday Sale. The store will be open from 10 a.m. to 2 p.m. There'll again be early bird specials from 10 a.m. until noon.

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



ANOTHER HITCH — AZ2 Roosevelt Armstrong is congratulated by Cdr. R.O. Erickson, NWC Maintenance Officer, after the second class petty officer took the oath of enlistment for another four years in the Navy. Petty Officer Armstrong is working the GSE Compound at Armitage Field until he leaves NWC to report for duty with HSL-45 in San Diego.

FERS

Questions & Answers?

This Question and Answer column will be published weekly to answer questions you may have about FERS. Questions should be submitted, in writing, to Code 091.

I HAVEN'T SEEN MUCH INFORMATION ABOUT FERS. WHAT INFORMATION HAS BEEN FURNISHED TO EMPLOYEES?

1. There have been articles in the Rocketeer and the Announcements.
2. Every employee should have received a booklet entitled "FERS, Federal Employees Retirement System." Distribution was made through department offices.

3. A computer program for individual employee comparison of CSRS and FERS benefits was furnished to each department office for use by their employees. (Employees can also check the computer program out from the Training Department.)

4. A copy of a video tape, produced by Office of Personnel Management, has been distributed to each department office for viewing by all employees. This video is a briefing on FERS. (Video can also be reserved by calling the Learning Center, NWC ext. 2451.)

5. All hands memo on the Thrift Savings Plan was distributed February 6, 1987.

6. We will be receiving a booklet, published by the Thrift Savings Board, covering the Thrift Savings Plan. (These will be distributed to all hands when received.)

MAY I TRANSFER FUNDS FROM A NON-GOVERNMENT THRIFT ACCOUNT, SUCH AS AN IRA, TO MY THRIFT SAVINGS ACCOUNT?

No.
IF I PARTICIPATE IN THE THRIFT SAVINGS PLAN, HOW WILL I KNOW HOW MUCH MONEY IS IN MY ACCOUNT?

At least 30 days before each "Open Season" the Thrift Savings Board will issue a statement to all employees regarding the status of their individual account.

CSUC offers computer class

The following computer science course will be held on-Center as part of the Cal-State Chico program:

CSCI 272: TIME-SHARING OPERATING SYSTEMS (3 units)

April 11-12, May 30-31, and June 20-21 (Saturday & Sunday); 0800-1600; Training Center. By Professor Luk, CSUC.

Prerequisite: CSCI 152 (Operating Systems Programming), equivalent, or consent of instructor.

Scope: Analysis of time-sharing operating systems including hardware and software requirements. Comparison of differing types of scheduling and memory allocation routines. Analysis of system deadlocks and their prevention. I/O control in a time-sharing environment.

Text: "Introduction to Operating Systems," Deitel, Addison-Wesley, 1984.

Temporary assignment openings available in Navy Science Assistance Program

There are openings in the Navy Science Assistance Program for DP-4 positions; reassignment of DP-4s or temporary promotions for DP-3s not to exceed duration of assignment. Tour is initially for one year, subject to one year extension unless terminated by employee, the Center, or the Fleet Commander or NSAP Director in SPAWAR. (Employee and his department should view this as a two-year tour.)

Seventh Fleet -- duty station: Yokosuka, Japan

Third Fleet -- duty station: Hawaii (large percentage of time on ship)

Second Fleet -- duty station: Norfolk, VA

Naval Air Force Atlantic -- duty station: Norfolk, VA

As the Science Advisor to the Commander, the incumbent will be concerned with programs relating to all aspects of naval warfare. This will encompass all technical aspects of ships, submarine, aircraft and stand-alone weapons and sensor platforms and systems. It also includes a management knowledge of the weapons system acquisition process. The scope of work can range from the better utilization of existing equipment in the Fleet by ship's personnel to initiation of research projects leading to eventual development of new or major modification of systems. The incumbent will utilize the resources of the Navy Lab/Center, operating forces, and scientific personnel on temporary assignment from various Navy Labs/Centers to accomplish these goals.

The incumbent reports to several people for different aspects of the work. He reports directly to the on-site Commander for the major functions performed. He is expected to identify and initiate action to resolve problems rather than getting any specific assignments or instructions. Because of the incumbent's expert knowledge of naval warfare, the incumbent is recognized and consulted by both military and civilian personnel in the scientific/military community. The incumbent's knowledge and experience in



Personnel Development Opportunities

PLANNING AND ESTIMATING REVIEW COURSE

March 30-April 3; 0800-1600; Training Center. By WESTNAVFACENCOM, San Bruno, Calif.

Prerequisite: "Basic Planning and Estimating."

Intended Audience: Employees currently working as planners and estimators.

Scope: Course topics include:

a. Introduction to the Navy's Management System and Engineered Performance Standards.

b. Engineered Performance Standards General Data.

c. The Job Phase Calculation Sheet.

d. Special situations.

e. Single crafts problem assignments.

f. Multi-phase problem assignments.

g. Unit Price Standards (UPS).

Note: Those attending must have had "Basic Planning & Estimating." Course participants should come prepared to discuss additions and deletions to the craft handbooks.

Deadline: March 12.

CHANGING ROLES OF WOMEN TODAY -- MOVING INTO AND CHANGING WITHIN THE WORKPLACE

April 2; 0800-1130; Training Center. By Dr. Suzanne Hard.

Intended Audience: Women recently entering the workforce for the first time; women who are re-entering the workforce; women who want to make career changes; and women who want to move up their career ladder.

Purpose: In this workshop, participants will learn how to: 1) Set personal change and career goals; 2) Identify and clear blocks which hinder achievement of personal goals; 3) Identify and reinforce supports which enhance achievement of personal goals; and 4) Develop strategies for successfully implementing and accomplishing goals.

Methods: The workshop will promote audience participation and exploration through a series of individual and group interactive exercises.

Deadline: March 19.

THE UNORGANIZED MANAGER, PARTS 1 AND 2 (3/4" VIDEO)

Open enrollment, Training Center. By Tina Tietjen.

There is a big difference between a manager who is busy effectively and one who is merely busy: the difference between doing the job right and doing the right job. This course examines this difference and central problem of all managers: how best to organize their day and year to get the best out of themselves and the people who work for them. It also includes an exploration of how and why managers fail to delegate (or think they have when they have not). Though Part I and II are each self-contained, and can be viewed separately, they are most effective as a package. The key training points are as follows: Organizing yourself -- positive active tasks, reactive tasks; Establishing priorities -- importance, urgency; Scheduling time -- active tasks, reactive tasks; and Organizing others -- which task, who does it, briefing and training people, and key points on advice.

This video may be checked out in the Learning Center, room 100 of the Training Center, or by calling NWC ext. 2451.

Items available to compare FERS/CSRS

The Training Center now has the IBM-PC disc and Federal Retirement Benefit Analysis forms. With these items, you can input your personal employment data to do a side-by-side comparison of the FERS/CSRS systems to see which system best meets your needs.

This package can be checked out by people interested in doing an individual comparison of the new civil service retirement system called FERS and the old civil service retirement system called CSRS (which all civil service employees hired prior to 1984 are currently under). Employees covered under CSRS may elect to transfer to FERS during the period of July 1 through December 31, 1987. People interested in checking out this package should call the Learning Center, NWC ext. 2451, to reserve the package.

technical systems form the basis for exercising personal judgment. This, coupled with an analysis of information provided from many sources, provides the major guidance in performing the incumbent's work.

As a representative of the Lab/Center community, the incumbent is responsible to the Director of Navy Laboratories through the NSAP Director. He is expected to keep the NSAP Director informed of significant matters of interest relating both scientific and tactical problems and the progress that is being made to solve them.

The incumbent is administratively supported by the Navy Lab/Center from which he has been selected and reports to the Deputy Laboratory Director.

Qualifications Requirements: This position requires an incumbent with professional experience in research and development work related to ship, submarine and/or aircraft systems. The incumbent must be technically well-rounded and familiar with the combined capabilities of the Navy Lab/Centers. Work at the graduate level is desirable.

A knowledge of the Navy's current state of work being done in research and development in this field by the scientific community is mandatory. The incumbent must have the ability to analyze problems and pose solutions of either a short or long range nature. The incumbent must be able to convince representatives of both research organizations and the operating forces of the merit of projects proposed.

Applicants interested should submit a completed SF-171 to Code 09 (Nedra) by close of business February 25. Applicants desiring technical information on the position should contact Fred Bien at NWC ext. 3793 or Col. Roy Edwards at NWC ext. 1472. Administrative questions on long-term travel should be directed to Nedra at NWC ext. 2434.



Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. **APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific knowledge/skill/abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. 08-010, Management Analyst, DA-343-2, Code 0824 - This position is located in the Management Analysis Branch of the Central Staff Department. The incumbent will provide both short and long term analysis to Center management either alone or as a member of a team. **Job Relevant Criteria:** Ability to perform management studies; ability to analyze and present data; ability to perform interviews; knowledge of NWC administrative policy and procedures. Promotion potential to DA-3.

No. 08-011, Editorial Assistant, GS-1087-5, Code 0821 - Edits and types highly specialized and complex technical and statistical reports, manuals, contracts, and materials in the Word Processing Center, Office Systems/Records Management Branch, Central Staff Department. Assists in training newly hired clerical personnel in office procedures and use of word processing equipment. **Job Relevant Criteria:** Knowledge of Navy Correspondence Manual, NWC Publication Handbook, Security Manual, Plain Language Address Directory and administrative practices and procedures; knowledge of editorial procedures and grammatical construction; experience in the use of IBM Displaywriter desired. Status eligibles may apply. Promotion potential to GS-5.

No. 24-008, Safety and Occupational Health Manager, DP-018-3, Code 2405 - This position is the head of the Safety Program Office, Safety and Security Department. The Safety and Occupational Health Manager, under authority delegated by the Commander, NWC, develops, promotes and coordinates a comprehensive safety and accident prevention program, through subordinate supervisors and staff personnel. The incumbent ensures periodic safety and health surveys of NWC facilities. The office consults with occupational health professionals on the identification, evaluation and control of health hazards through a workplace monitoring program. The Safety and Occupational Health Manager promotes safety training programs for operating personnel with emphasis on supervisory development. **Job Relevant Criteria:** Ability to manage an organization (including personnel, finances, and material resources); knowledge of the

safety requirements at a weapons research, development, test and evaluation facility; ability to deal with all levels of Center management and various government safety organizations; and knowledge of affirmative action principles including a willingness to implement Center EEO policies.

No. 26-011, Planner And Estimator (Heavy Mobile Equipment Repair), WD-4701-10, Code 2612 - The incumbent plans and prepares detailed manpower and material estimates, specifications, and work control documents in connection with the maintenance, repair and alteration of weight handling equipment including required inspections. **Job Relevant Criteria:** Knowledge of technical practices; knowledge of pertinent materials; knowledge of pertinent tools and equipment; ability to facilitate production; ability to interpret instructions and specifications. Supplemental required.

No. 31-020, Interdisciplinary Supervisor (General Engineer/Electronics Engineer / Physicist/Mathematician / Computer Scientist), DP-801/855/1310/1520/1550-3, Code 3111 - This position is that of branch head, A-4m/AV-8B Facility Branch. Branch develops, maintains, and operates simulation/integration facilities to support the A-4M and AV-8B Weapons System Support Activity (WSSA) in the role of technical assistance, requirement definition, system development, weapons system integration, validation hardware engineering, facility software engineering and simulation software. Incumbent provides overall direction, coordination and management of branch activities. **Job Relevant Criteria:** Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; knowledge of avionics facilities hardware and software analysis, design, and operations; knowledge of embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and application; knowledge of NWC personnel policies procedures; ability to communicate effectively with all levels, both orally and in writing; and ability to support NWC EEO policies and goals.

No. 31-021, Supervisory Engineering / Electronics Techni-

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cian, DP-802/856-3, Code 3111 - This position is that of branch head, A-4M/AV-8B Facility Branch. Branch develops, maintains, and operates simulation/integration facilities to support the A-4M and AV-8B Weapons System Support Activity (WSSA) in the role of technical assistance, requirement definition, system development, weapons system integration, validation, hardware engineering, facility software engineering and simulation software. Incumbent provides overall direction, coordination and management of branch activities. **Job Relevant Criteria:** Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; knowledge of avionics facilities hardware and software analysis, design, and operations; knowledge of embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and application; knowledge of NWC personnel policies procedures; ability to communicate effectively with all levels, both orally and in writing; and ability to support NWC EEO policies and goals.

No. 31-022, Engineering Technician / Electronics Technician, DT-802/856-2/3, Code 3144 - This position is in the F/A-18/AV-8B Weapons Integration Branch, System Integration and Evaluation Division, Aircraft Weapons Integration Department. The incumbent will perform weapons integration for the F/A-18 Program. Duties will include assessment of design implementation to assure optimum weapon control system performance with respect to weapon requirements; formulation and performance of laboratory, ground and flight test requirements pertinent to F/A-18 testing. Performance of these duties will require a working knowledge of the operation of the F/A-18 avionics system and a wide range of weapons systems. Frequent contact will be required with sponsors, contractors, aircrew personnel, other NWC organizations, and other government agencies for the exchange of technical information and for coordinated participation in F/A-18 development and testing activities. **Job Relevant Criteria:** Knowledge of electronics pertinent to weapon systems, avionics systems, software, electrical interfaces, and testing; ability to communicate, both orally and in writing; ability to deal effectively with all levels of personnel. Promotion potential to DT-3.

No. 31-023, Computer Specialist, DS-334-1/2, Code 3115 - This position is located in the Software Engineering Environment Branch of the Avionics Facility Division of the Aircraft Weapons Integration Department. The incumbent will be an assistant personal computer consultant. The incumbent will be expected to perform hardware and software configuration of personal computer systems; train and consult with users, provide diagnoses and simple repair of personal computer problems and recommend and implement local area networks. **Job Relevant Criteria:** Knowledge of personal computers and local area networks; knowledge of commercial software available for PCs; ability to communicate orally. Promotion potential is to a DS-2, but is not guaranteed.

No. 33-001, Interdisciplinary (Electronics Engineer/Physicist),

DP-855/1310-2/3, Code 3351. This position is located in the Product Engineering Branch, Electromechanical Division, Fuze and Sensors Department. Incumbent is responsible for the design and development of a new electronic subassembly and associated circuitry to be utilized in a newly designed warhead Safety-Arming device. As a member of a design team, incumbent will be responsible for designing basic analog and digital electronic circuits, performing laboratory evaluations, developing necessary test methods and evaluating contractor technical progress on the electronics assembly. This position involves interfacing with other design team members and program representatives and provides an excellent opportunity to become involved in the early stages of development, from systems concept through full scale development and into operational test and evaluation. The work environment is highly team oriented. **Job Relevant Criteria:** Knowledge of analog and digital theory and design; knowledge of microprocessor theory and application; ability to use Futurinet Design System (IBM-AT) for analog circuit design and analysis; ability to work as a member of a design team; ability to interface and communicate effectively with personnel at comparable levels in government and in private industry. Promotion potential to DP-3. Status eligibles may apply.

No. 36-010, Supervisory Quality Assurance Specialist, DS-1910-3, Code 3681 - As head of the Production Support Section, Soldering Technology Branch, the incumbent directs a multidisciplinary staff which provides technical assistance and support to Center programs in all areas of electronics manufacturing. **Job Relevant Criteria:** Knowledge of government specifications particular to MIL-P-55110, performance requirements for printed wiring; knowledge of MIL-STD-275, design requirements for printed wiring; knowledge of MIL-STD 454, workmanship standards; ability to troubleshoot the processes used to manufacture printed wiring board assemblies; ability to become certified to WS-6536 Soldering specification. Willingness to support Federal EEO program policies and goals is essential. Promotion potential to DP-3.

No. 36-011, Supervisory General/Mechanical/Electronic / Aerospace/Industrial Engineer / Chemist / Physicist, DP-801/830/855/861/893/131/1320-3, Code 3681 - As head of the Production Support Section, Soldering Technology Branch, the incumbent directs a multidisciplinary staff which provides technical assistance and support to Center programs in all areas of electronics manufacturing. **Job Relevant Criteria:** Knowledge of government specifications particular to MIL-P-55110, performance requirements for printed wiring; knowledge of MIL-STD-275, design requirements for printed wiring; knowledge of MIL-STD 454, workmanship standards; ability to troubleshoot the processes used to manufacture printed wiring board assemblies; ability to become certified to WS-6536 Soldering specification. Willingness to support Federal EEO program policies and goals is essential.

No. 36-012, Clerk-Typist, GS-322-4, Code 3606 - The incumbent provides clerical support to the

Harpoon Program Office. **Job Relevant Criteria:** Knowledge of grammar, punctuation, spelling and proper format; ability to receive and refer phone calls and visitors.

No. 39-012, Supervisory Interdisciplinary General / Aerospace/Electronics Engineer / Physicist, DP-801/861/855/1310-3/4, Code 3926 - This position is head of the Inertial Development Branch, Weapons Development Division, Weapons Department. The Inertial Development Branch develops, tests and evaluates inertial sensors and inertial systems. It also functionally integrates inertial systems with navigation aids, such as the Global Positioning System. The successful applicant will supervise multidisciplinary personnel in expanding the technology base and in applying existing technology to strapdown guidance systems for tactical missiles. **Job Relevant Criteria:** Knowledge of inertial guidance fundamentals; knowledge of hardware and software fundamentals of tactical missile-borne computers; ability to function effectively as a first-level supervisor; ability to establish and maintain effective working relationships with NWC management, participating activities and sponsors; ability to communicate effectively both orally and in writing; knowledge of and commitment to EEO principles and practices. A one-year supervisory probation period is required for new supervisors. Promotion potential to DP-4.

No. 62-014, Supervisory Interdisciplinary (Electronics Engineer/ Computer Scientist / Physicist), DP-855/550/1310-3, Code 6233 - Position is head of the Telemetry Operations Branch, Range Instrumentation Division, Range Department. The incumbent specializes in long-range and short-term planning, development, and application of instrumentation and computer technology for telemetry data acquisition facilities which are used to gather telemetry data for the Center's test programs. The incumbent directs branch personnel in the design, development, operation, and maintenance of fixed and mobile telemetry data acquisition systems used for tracking, receiving, recording, processing, and displaying data from Range test operations. The incumbent will be responsible for the technical and administrative supervision of the branch, for system design and development of state-of-the-art instrumentation systems, and for documentation of branch projects. **Job Relevant Criteria:** Knowledge of digital and analog data processing, and system design and development; knowledge of planning, design, test operation, and

maintenance of complex telemetry data acquisition systems; knowledge of telemetry (FM/FM, PAM, PCM, video); knowledge of NWC air and ground range, as well as national and service test ranges and testing procedures; ability to manage and supervise; ability to coordinate work with other groups on Center and interact with off-Center organizations; ability to communicate effectively; ability to supervise approximately 15 to 20 employees. Willingness to support NWC EEO goals and policies. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4 but not guaranteed.

No. 62-015, Supervisory Electronics Technician, DT-856-3, Code 62221 - This is challenging, growth position as head of the Electronics Section in the Track Operations Branch of the Range Department. It is at the SNORT Facility and provides opportunities for the application of both management and technical abilities. The successful candidate will lead a team of skilled electronics engineers and technicians in the design and execution of a wide variety of dynamic, high priority assignments. Tasks include design and development of electronics devices and their application to measurement, recording, timing, control, data acquisition, and data processing. There are also routine interfaces with contractors and with military personnel. **Job Relevant Criteria:** Knowledge of electronic instrumentation including both analog and digital techniques; knowledge of telemetry, video, and communication operations; knowledge of DEC/VAX functions. Ability to work effectively with personnel at all levels; ability to communicate effectively both orally and in writing; willingness to support NWC EEO goals and policies. New supervisors will be required to serve a one-year supervisory probationary period. Promotion potential to DP-3.

No. 08-012, Budget Clerk/ Assistant, GS-561-4/5, Code 0833 - Incumbent will provide fiscal clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customer order/job order numbers, assists the department in processing travel orders and/or material requisition actions. **Job Relevant Criteria:** Demonstrated ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to GS-6. Status eligibles will be considered.

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 applicants 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. 32-242, Interdisciplinary Supervisory Physical Scientist / General Engineer, DP-1301/801-4, Code 3201 - This position is the Associate Department Head of the Ordnance Systems Department. Incumbent is responsible for overseeing several major technical development program offices and acting for the Department Head in his absence. Experience is desired in ordnance systems; propulsion systems, systems

engineering, product assurance disciplines and systems acquisition; experience in directing the efforts of senior level, multidisciplinary personnel in a matrix environment; in program management or supervision of a major line organization.

Will need to work with Center sponsors on complex acquisition programs. To apply for this position submit a current SF-171 to Code 32.

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 4 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. 00-002, Secretary (Typing), GS-318-5/6, Code 03A3 - This position provides secretarial and administrative support to the Marine Corps and Air Force Liaison Office as well as support to the Deputy Technical Director's Office. Knowledge of the Xerox 8010 (STAR) is desirable. Promotion potential to GS-6. Status eligibles may

apply.

No. 36-009, Secretary (Typing), GS-318-4/5, Code 36406 - This position is located in the CAM Engineering Office, Engineering Prototype Division, Engineering Department. The incumbent provides secretarial support to the CAM Engineering Office and six shop branches. Promotion potential to GS-5.

Recent Arrivals and Departures

NAME	Civil Service	
	Arrivals	Departures
Stockdale, Samantha N.	089	
Koontz, Carol A.	094	
Rodgick, Nancy K.	097	
Ersland, Steven W.	2413	
Lyons, Terry F.	2413	
Mills, Larry E.	24213	
Hayes, Leslie C.	2524	
Fisher, Walter E.	2633	
Clark, Portia E.	26402	
Grace, George L.	26422	
Aigner, Nancy Lee M.	2652	
Williams, Kay H.	2693	
Ayers, Gary L.	3158	
Niebuhr, Philip M.	3196	
Chhan, Yung N.	3312	
Davis, Lyndel V.	3433	
Culberson B. Kathleen	3664	
Watson, Thomas	36864	
Scarborough, Joan J.	3911	
Trumblefield, Robert	64231	
Rockdale, Christina A.	096	Personnel Mgt. Specialist
Kardos, Alfred E.	243	Security Spec. Supvy.
Laberteaux, Denise L.	2692	Biologist
Wilson, Robert A.	3109	General Engineer
Killilea, Lawrence P.	3144	Aerospace Engineer
Robertson, Glen A.	3273	Physicist
Blanco, William J.	3664	Logistics Mgt. Specialist
Love, Peter J.	3813	Research Physicist
McCaughan, Annette M.	6233	Secretary (Typing)
Sever, Melvin H.	62C3	Operations Res. Analyst

Seminar planned for people considering retirement within the next five years

A pre-retirement planning seminar for NWC civilian employees considering retirement within the next five years will be held beginning Wednesday, April 15. The seminar will consist of three sessions held one day each week for three weeks.

The seminar is designed to provide a wide range of information on such subjects as tax regulations, the retirement systems, Social Security and MediCare, financial planning, health maintenance and various

aspects of retirement.

Employees interested in attending this seminar should submit an on-Center training request and authorization form via department channels to Code 094 by March 20. Please indicate estimated date of retirement on training request. The seminar will be limited to 60 employees. Spouses of enrollees are also encouraged to attend.

For more information call Virginia Spille, NWC ext. 2018 or 2592.

Federal Summer Employment Program now accepting applications at NWC

Applications will continue to be accepted through March 13 for the Federal Summer Employment Program at the Naval Weapons Center, China Lake, California. The Summer Employment Program will begin on May 13 and continue through September 30, 1987.

The total size of the program will be limited to approximately 100 positions.

Category I, Clerical Positions, Grades 2/3/4, include jobs as clerk, clerk-typist, and computer clerk.

Category II, non-clerical positions, Grades 3/4, include jobs as engineering aid, physical science aid, and math aid.

Category III, positions in grades 5 and above, include jobs involving professional, technical, or administrative work.

To apply for jobs in Categories I, II, and III, you must be a U.S. Citizen and either be 18 years old or at least 16 years old and a high school graduate or equivalent. This includes students graduating in June 1987. For clerk-typist positions, applicants must be able to type 40 words per minute. No written test is required.

To apply for positions in Categories I, II, and III, applicants must submit the following forms:

-- SF-171 must be submitted for each position applied for under each category.

-- NAVVPCNEN 12720/1 - Background Survey Questionnaire.

-- High School students may submit a copy of their Permanent Record Form.

-- College Transcripts -- If qualifications are based on education (unofficial copies are acceptable) or Form OPM 1170/17.

-- DD Form 214 - if you claim Veterans' preference.

-- SF-15 - Claim for 10-point Veterans' preference with a photocopy of appropriate proof, if claiming the 10-point Veterans' preference.

Applications for all categories of positions must be mailed to:

Commander (Code 093)
Attn: Summer Employment Office
Naval Weapons Center
China Lake, CA 93555-6001

or taken to:

Naval Weapons Center (Code 093)
Civilian Personnel Building (No. 02335)
505 Blandy, Room 206
China Lake, CA

Category V, Summer Aid Program - Employment for the needy youth. This program is designed to employ economically disadvantaged youths. Positions involve work of a routine nature and require no specific knowledge or skill. Applicants must be at least 16 years of age at the time of appointment. The rate of pay is Federal minimum wage (\$3.35 per hour).

Summer aids must be referred by the State Employment Development Department. The local office is located at 540C Perdew, Ridgecrest, CA.

RE-EMPLOYMENT OF PREVIOUS YEARS' SUMMER HIRES

To be considered for summer employment in 1987, you must submit the required forms specified in Categories I, II, or III. Rehire status has been eliminated and everyone must compete for employment in the summer program.

The Naval Weapons Center is an Equal Employment Opportunity employer.

Two classes offered to enhance careers

Two classes are being offered by Cerro Coso to assist people with their careers.

The first class, "Career Expansion: Re-entering the Job Market," is a 17-hour class and will be held March 3 from 8 until 10 a.m., March 26 from 8 a.m. until 5 p.m., and March 31 from 8 a.m. until 12 noon with an additional three hours to be announced. This class is designed for those who are new to working for the Federal Government; who have recently re-entered the job field; who are under-utilized in their present position; or who feel they may need a career change.

Several standardized tests will be administered by the Cerro Coso counseling staff. Based on the results of these tests, students will break into small discussion groups with professional counselors. Upon completion of the course, students should be able to recognize and use personal motivations, build on their personal strengths, recognize and understand their strengths, and develop a career-planning strategy.

To sign-up for this class, students should fill out an on-Center Training Request and return it to Code 094 no later than Wednesday, February 25. It would be wise for students to call NWC ext. 2686 to indicate their interest in this class and to notify the Training Center that their paperwork will follow.

The second class, "Career Expansion for Clerical Personnel," is a 14-hour class to be held April 22 from 8 until 10 a.m.; May 19 from 8 a.m. until 5 p.m.; and May 21 from 8 a.m. until 12 noon. This class will require an addition three hours of "homework." This class is designed for clerical personnel who wish to explore their career choices in their field.

Participants will learn to increase motivation and planning to achieve career goals and will learn how to explore career options.

To sign-up for this class, students should fill out an on-Center Training Request and return it to Code 094 no later than Wednesday, April 8. The paperwork should be done as soon as possible.

CSUC advisor to be on-board March 20

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center March 20 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has external

degree programs in computer science which lead to bachelor's and master's degrees. Those who wish to see Dr. Madrigal are

asked to make an appointment by telephoning Cyndi Jones, NWC ext. 2648.

Seminar offered to benefit leaders and managers

Make no mistake, the measure of the leader is the achievement of the led. How then to best produce that achievement? To find out, the Training Center is offering a seminar entitled "Leadership: The Influence Business!" from 8 a.m. until 4 p.m. on Thursday and Friday, February 26 and 27. David Carey will be the instructor for this seminar which is designed as a refreshing and stimulating overview of the leadership and managerial roles. It drives right to the heart of the matter -- influencing others to produce that achievement -- and gives solutions we can get our teeth into!

In addition, participants will review, discuss and analyze a comprehensive compilation of the results of four independent and recently completed studies on "excellence" in the United States Navy. These in-depth studies confirm what "in fact," as opposed to "in myth," superior performing commands have in common. Indeed, there are clearly identifiable (and attainable!) similarities among top performing commands.

Topics included in the seminar will be:

1. Who's in charge here? This topic will examine leadership and management roles.

2. Why don't they do what I want? The main focus will be balancing the use of power between organizational performance and personal betterment; understanding the bases of power, choosing the appropriate one at the appropriate time; and developing effective influence strategies.

3. Who's the bull in the china shop? This will help teach self control, emotional as well as controlling "the urge to do it ourselves."

4. Classic motivational theorists -- so what? This section will emphasize clearly understandable implications for the leader/manager and practical applications.

5. Should I or shouldn't I . . . ? Daily ethical and moral dilemmas will be shown as well as their implications for us and our organization and their effect on the leader/manager's ability to influence performance.

6. Manage my Boss? -- you're kidding! Bosses come in all types and sizes, this section will show considerations for the "care and feeding" of yours.

7. Is it better to struggle with a sick jackass than to carry the wood myself? Organizational performance improvement through subordinate development will be demonstrated. Practical (and usable) counseling tools, techniques and tips will be shown.

Through lectures, discussion, self assessment and simulations, participants will examine these areas in light of their leadership/managerial positions. This seminar will be conducted in the context of the participants' daily job. Participants will explore in-depth practical aspects of influencing the "achievement of the led!"

To enroll in this seminar, contact Joan Telles, NWC ext. 2345, as soon as possible.

Exam scheduled for CSUC graduate literacy requirement

There is a graduate literacy requirement at Cal-State Chico for the master's degree. Computer Science students must demonstrate their writing competence.

For those graduate students participating in the external degree program at NWC, this may be accomplished by taking an academic course in technical and report writing which is offered once a year or by successfully completing a

departmentally administered examination. Such an examination will be administered for the Computer Science Department of Cal-State Chico on March 20 at the Training Center.

To sign up for the examination, call Cyndi Jones at NWC ext. 2648. Those taking the examination will need to bring a check made payable to CSUC in the amount of \$15.

WEST scheduled for CSUC students

The Writing Effectiveness Screening Test (WEST) will be given April 3, on-Center to Cal-State Chico undergraduate students.

The WEST is a required examination for undergraduate Cal-State Chico students. Students planning to take the Cal-State

Chico course CSCI 172, SYSTEMS ARCHITECTURE, must pass the writing exam prior to the beginning of the course.

The examination fee is \$16.50. Checks must be made payable to CSUC.

Contact Cyndi Jones at NWC ext. 2648 to arrange to take the exam.

CSB advisors schedule visit March 17

Academic counselors of Cal-State Bakersfield will be on-Center March 17 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Bakersfield include a bachelor's degree in business administration and a

master's degree in administration. Bakersfield also provides math courses in other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2648.