

## Up With People show set

"Time for Music," the new Up With People show, will be presented at the Center theater at 7:30 p.m. on Monday. The new show features an international cast of more than 100 young people, whose talents blend in the type of electrifying, exciting production that Up With People fans have come to expect.

The first half of the two-hour show takes the audience on a tour of the world, with traditional costumes, music and dances of more than a dozen nations. During the second hour, the scene shifts to a 1950's street corner for music and dance of that time.

Along with the energy and talents displayed by the members of the cast and music makers, there's also dazzling set design and innovative lighting to create a new look.

Tickets can be bought in advance at

the Daily Independent, Hucek Travel Center and The Music Man. Those purchased in advance are \$7 for adults and \$5 for students; at the door tickets are \$8 for adults and \$6 for students.

## Communism is topic of talk

Guest speaker for a dinner meeting of the Association of Old Crows on (AOC) on Tuesday, June 23, at the Commissioned Officers Mess, will be Capt. Paul Lasko (USN, ret.), who served a tour as attache officer in Moscow.

The evening will begin with a social hour at 6 p.m., followed by a buffet dinner at 6:30 and the program at 7:30. Cost of the evening is \$10 per person. Since the program is unclassified, AOC members are encouraged to bring their families or guests. Tickets are available at the Commissioned Officers Mess.

The aim of Capt. Lasko's presentation is to examine and better understand the people who live and work in the Soviet Union. He will compare living in the Soviet Union and the United States and discuss the freedoms taken for granted in this country.

Further information about the evening can be obtained from LCDr. Dan Frame, NWC ext. 2951/232, or Gail Salter, 446-5561.

## Community Events

Tickets are now on sale for "The Drifters" and "The Box Tops" double feature being held at the Officers' Mess on Saturday, July 25, from 8 p.m. until midnight. For only \$10 per person, enjoy a night of dancing and good entertainment.

The next meeting for the Vietnam Veterans of America, Chapter 283, is 7 p.m. tonight at the Contel Building on China Lake Blvd. All members and interested parties are invited to attend. Tickets will be available for the big drawing set for the 4th of July. For further information call Rob at 375-5356 or Toni at 375-3836.

Reservations are needed by 4 p.m. on Wednesday, June 17 for the Fathers' Day brunch being held at the Commissioned Officers' Mess. From 9:30 a.m. to 1:30 p.m., honor dads and enjoy a buffet of outstanding food for only \$5.95 per adult and \$2.95 per child.

Tonight, from 8 p.m. until midnight, the Chief Petty Officers' Mess is proud to present a very special night of entertainment that promises to be very enjoyable. "The Waynette Group" will perform some of the greatest hits of the 40's, 50's and some 60's. This fantastic group is sure to please.

Disco tonight at the Enlisted Mess from 9 p.m. until 1:30 a.m. with "Soundwaves." On June 14, the Enlisted Mess will have "Upstage" providing music from 8 until 11:30 p.m. and on June 17, "Disc Werks" will play from 8 until 11:30 p.m. Cost for each night of dancing is only \$2 per person with active duty military personnel paying only \$1 per person.

For only \$5 a head, come join in at the pool tournament being held at the Enlisted Mess tonight. For starting time and any other information needed, call the Enlisted Mess at NWC ext. 2581.

Artists between the ages of 5 and 15 are honing their talents to enter the sidewalk coloring contest at Bennington Plaza on Saturday, June 20, at 9 a.m.

Chalk for coloring is included in the entry fee, a mere 50 cents for military dependents, 75 cents for dependents of DOD personnel, and \$1 for all others. Advance registration is not necessary.

## Dinner, music slated at COM

Live music by The Rhythm Dusters will be featured at NWC's Commissioned Officer's Mess on Friday, June 26 from 8 p.m. to midnight. The band will play their repertoire that features big band sounds for the 30's, 40's and 50's. Members will pay \$3.95 for the night, which includes steak and all the trimmings, while non-members pay \$7.95 per person. For more information or reservations call the COM at 446-2549.

## Movies

FRI-SUN. "MANNEQUIN" JUNE 12-14  
Starring Andrew McCarthy and Kim Cattrall (Fantasy, rated PG, 89 min.)  
TUESDAY "THE RESCUERS" JUNE 16  
MATINEE (Animated, rated G)  
WEDNESDAY "NIGHT MOTHER" JUNE 17  
Starring Sissy Spacek and Anne Bancroft (Drama, rated PG-13, 97 min.)  
THURSDAY "AN AMERICAN TAIL" JUNE 18  
MATINEE (Animated, rated G, 81 min.)  
FRIDAY "OVER THE TOP" JUNE 19  
Starring Sylvester Stallone and Robert Loggia (Action-Drama, rated PG, 89 min.)  
Starting Times: Matinee / 2 pm Evening / 7 pm

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Heritage Week observed at Naval Weapons Center-- P-5

Little League ends first half play-- P-10

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. LXII, No. 23/June 12, 1987

## Center pilot joining NASA's space shuttle team

Since he was a junior high school student, Lt. Kenneth Bowersox has thought about becoming an astronaut and going into space. Now the A-7E Corsair II and F/A-18 project pilot at the Naval Weapons Center's Weapons Software Support Activity, is one of 15 new astronaut candidates selected by the National Aeronautics and Space Administration for the space shuttle program. His years of planning are about to pay off and a dream may yet come true.

For Ken Bowersox this selection is another step on the road to space he began planning as a junior high student in Indiana many years ago. He recalls they had cards describing different careers and how youngsters could go about reaching these career goals. "I looked at the ones for astronaut, airline pilot and military pilots and used that information to move toward a flying career."

Deciding early in life that he wanted to go into space, Lt. Bowersox followed up by learning to fly at age 18, thinking it was important he find out if he liked flying, and then earning an appointment to the Naval Academy.

Now he says there is nothing like flying. More to the point, there's nothing like being a Naval aviator. "Landing an airplane on the heaving deck of a carrier is one of the most demanding jobs in the world," he added. He also stressed the camaraderie in Navy squadrons and the experiences pilots gain while flying in the fleet.

Lt. Bowersox praised the Naval aviation community noting he had really enjoyed the challenging and interesting assignments since finishing the Naval Academy. The year and a half at China Lake has been unique with



SHUTTLE PILOT--Lt. Kenneth Bowersox, selected as an NASA Space Shuttle pilot candidate, stands between the F/A-18 Hornet and A-7E Corsair II he flies as a project pilot at the Naval Weapons Center in Houston, Texas on Aug. 17.

## New crane brings added capability



DIALING IN--The crane operator dials in proper setting for a heavy load at Skytop.

It took only about four weeks for crews from the Naval Weapons Center's Public Works Department to unload a new 150-ton crane, assemble it, run it through preventive maintenance and check-out procedures, weight test it and make a near capacity lift on its first job for the Navy earlier this spring.

Dana Hams, head of the Transportation Quality Assurance Branch, said the people in his branch, in the Transportation Branch and Special Inspections Branch of Public Works did, "some real hustling. . . it normally would have taken about eight weeks to get such a large new crane ready for the first pick."

Odell Braun of the Range Department's Ballistics Test Branch also praised the efforts of Public Works Department personnel and

the equipment operators from Pan Am World Services. He said PW and Pan Am responded to a call for assistance in getting the huge rig assembled, tested and moved to the job site in much less time than had been anticipated.

Less than a month after it came off three flatbed railroad cars at the Searles Station siding, the crane was lifting a massive steel thermal barrier plate into place at Skytop's Bay Six for a planned vertical test of the new Trident II first stage rocket motor.

NWC's largest crane until this new one arrived had just an 85-ton capacity. In order to move the steel plate, assembled in the field by PW's Range Maintenance personnel, a contract crane would have had to be brought in from Bakers-

(Continued on Page 9)

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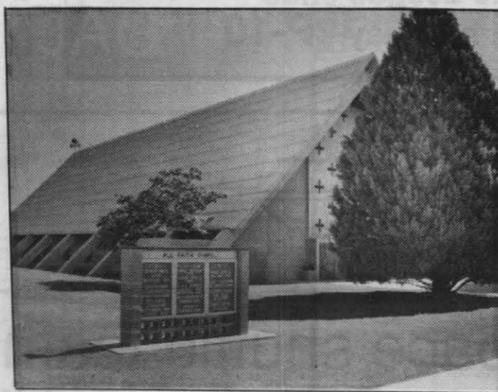
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## Divine Services

**Protestant**

Sunday Worship Service 10:30 a.m.  
 Sunday School (September thru June) 9:00 a.m.  
 Bible Study (East Wing)

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

**Islamic**

Jumaa Prayer (Friday in Annex 4) 1:00 p.m.

**Roman Catholic**

Sunday Mass 9:00 a.m.  
 Communion Service (Monday) 11:35 a.m.  
 Daily Mass (Tuesday thru Friday) 11:35 a.m.  
 Confession (Friday) 4:30-5:00 p.m.  
 Religious Education Classes (Sunday) 10:30 a.m. (September thru May)

**Jewish**

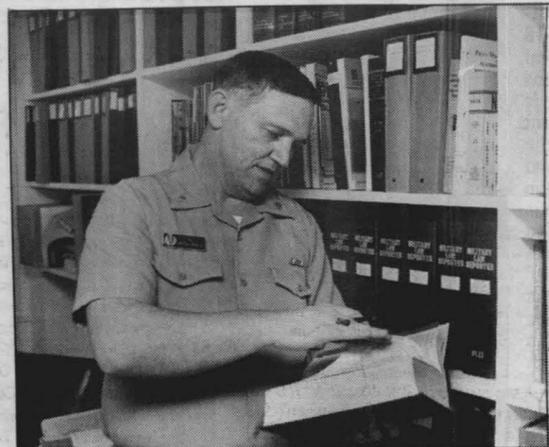
Weekly Services (Friday-East Wing) 7:30 p.m.  
 New classes will begin in September

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# LCdr. McDonald Center JAG

"I expect this assignment to be unusual from a legal standpoint," says NWC's new judge advocate general (JAG), LCdr. Al McDonald. "Because of the large civilian population there at China Lake, procedures will vary in some ways from those followed at many other bases, so I expect this job to be an interesting challenge."

LCdr. McDonald comes to China Lake with 13 years of Navy legal experience including a tour as assistant JAG at the Naval Station, Panama Canal Zone, during treaty negotiations and 18 months each as senior trial counsel and defense counsel at the world's second-busiest Navy legal services office, which is located at Pearl Harbor.



**RESEARCH IN ORDER—LCdr. Al McDonald, the Center's new judge advocate general, checks on a point of law.**

Most recently, he was assigned for 34 months to the Naval and Marine Corps Appellate Review Activity, Washington, D.C. While there, he completed his master of laws degree in law, psychology and criminology at the National Law Center of George Washington University.

"I feel the most satisfaction," says LCdr. McDonald, "when I think of the time I spent as the first staff JAG at the new Naval Submarine Base, Bangor, Wash. I was responsible for writing base instructions and SOPs involving legal matters and for reviewing all other instructions from the legal point of view. With no corporate memory to draw from, the base staff

used past experience for guidance in organizing the new base. It was a very interesting experience."

LCdr. McDonald, a licensed attorney, began his college education at Northern Arizona University, where he earned a BS in education. He taught social studies and coached football while saving money for law school.

"I really love teaching," he says. "In fact, I enjoy it so much that when I retire from the Navy I think I'd like to teach full time and only practice law as a sideline."

After completing his law degree at the University of Arizona, LCdr. McDonald chose the Navy JAG Corps primarily because he would be able to pursue a legal career and move around at the same time.

"By the time I was 18, I'd lived in 20 states," he says. "I had to stay in one place during college and while I was serving as deputy county attorney of Penal County, Ariz. After four years in one place, I wasn't sure I was ready to put down roots."

LCdr. McDonald says his wife, Barbara, likes Navy life, too. "She was an Army brat, and she likes the feeling of community, the feeling of belonging, that the military offers."

Barbara and their son, Douglas, 18, will be joining him in a few weeks. In the meantime, he's enjoying the area. "I like exploring the desert both in vehicles and on foot, and there's something different about the sunshine here. I love the way it feels as it beats down on my arms."

"Douglas enjoys motocross racing," he observed, "so I expect he will enjoy the desert as much as I do."

## Multimedia first aid taught

Those who'd like to brush up on their first aid skills can take a multimedia first aid course offered from 12:30 to 4:30 p.m. Monday and Wednesday, June 29 and July 1. The two-session class will be taught at the Center's gym annex. Cost for the course is \$15 for military personnel and their dependents, \$17 for DOD, and \$19 for all others. Registration is at the Information, Ticket and Tour Office.



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



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

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## Safety Office says -- Booster work

This week we thought we'd share some data and findings from the on-scene, in-depth investigation of 899 motorcycle accidents by the U. S. Department of Transportation: The failure of motorists to detect and recognize motorcycles in traffic is the predominant cause of motorcycle accidents. Fifty-one percent of the accidents were caused by a driver who did not see the motorcycle until too late to avoid a collision.

The use of a safety helmet is the single critical factor in the prevention or reduction of head injury. The safety helmet is a significantly effective injury countermeasure.

Vehicle failures accounted for less than 3 percent of the motorcycle accidents, and most of these accidents were due to puncture flats that caused a loss of control.

Only 54.5 percent of the accident-involved drivers had a current motorcycle driver's license.

Ninety-two percent of the motorcycle riders in accidents had no professional or formal training. These riders were self taught or received instruction from family or friends, who learned the same way.

The median pre-crash speed was 29.8 MPH and the median crash speed was 21.5 MPH.

The typical motorcycle pre-crash lines-of-sight to the traffic hazard portray no contribution of the limits of peripheral vision. More than three-fourths of all accident hazards are within 45 degrees of either side of straight ahead.

Indian Wells Valley TV Booster volunteers and Naval Weapons Center Technicians are making system improvements at the Booster's relay station on Laurel Mountain. This work may cause temporary deterioration of some television and FM-radio broadcasts valley residents receive through the Booster.

Booster officers expect the system improvements will lead to better quality and more reliability of broadcast relay services provided by this volunteer organization.

## CPR class to be offered

Many lives have been saved because someone knew how to perform mouth-to-mouth resuscitation and external cardiac compression when a need arose. Those who wish to learn these life-saving techniques can do so in a C.P.R. class to be offered from 12:30 to 2:30 p.m. June 22 through 25 at the Center gym annex. Cost for the class is \$15 for military personnel and their dependents,

\$17 for DOD, and \$19 for others. Registration is at the Information, Ticket and Tour Office.

**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)

# Rec Services notes ... Info, tickets available at ITT

Every Tuesday and Thursday throughout the summer the Center theater will open for a matinee starting at 2 p.m. Cost to see the movies is \$1.35 for those aged 12 and over; 50 cents for those aged 6 through 11, and youngsters 5 and under will get in free.

Tickets can be purchased in advance at the Information, Ticket and Tour Office from 9 a.m. to 5 p.m. Mondays, Wednesdays and Fridays, and from 9 a.m. to 1 p.m. on Tuesdays and Thursdays. The box office opens at 1:30 p.m. on matinee days.

+++

Whole family enjoyment is promised at the Youth Center each weekend throughout the summer from 12:30 to 4:30 p.m. Available will be pingpong, roller skating, air hockey, foosball, basketball and lots of music to enjoy.

Admission is only \$1 per person, with skate rental an additional \$1 per pair of skates.



The Information, Ticket and Tour (ITT) Office at China Lake is the place to go for tickets, travel and general information about the recreational opportunities locally and in the surrounding area.



China Lake's ITT Office is one of the few Navy ticket offices offering Ticketmaster and Ticketron satellite ticket services. Current listings of the concerts and sporting events happening now in southern California are available.

In addition to discount tickets to southern California's numerous amusement parks and tourist sites, ITT has hotel/motel guides, brochures, discount coupons and Las Vegas entertainment information.

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### Secretarial opportunities

This column is used to announce secretarial 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 secretarial duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; and Department Secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 00-006, Secretary (Typing), GS-318-4/5, Code 006 - Position provides secretarial and administrative support for the Office of the Commander, Office of the Counsel. Promotion potential to GS-6.

No. 00-007, Secretary (Typing), GS-318-4/5, Code 01 - Position provides secretarial support to the Office of the Technical Director and staff, and the 01T Technical Base Director. Ability to operate the Xerox STAR computer is desirable. Promotion potential to GS-5.

No. 32-258, Secretary (Typing), GS-318-5/6, Code 3201 - Provides secretarial support to the associate department head and department staff. Knowledge and working skill on Xerox 640 desirable. Promotion potential to GS-6.

No. 36-044, Secretary (Typing), GS-318-5, Code 36801 - Position provides secretarial and administrative support to the Product Assurance Division, associate division head and principal product assurance engineers.

No. 64-184, Secretary (Typing), GS-318-4/5, Code 6415 - This position provides secretarial and administrative support to the head, Fleet Support Branch and branch personnel. Promotion potential to GS-5.

No. 31-047, Secretary (Typing), GS-318-4/5, Code 3115 - Provides secretarial, typing, clerical and other administrative support to the Software Engineering Environment Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. Personal computer and/or VAX experience desired. Promotion potential to GS-5. Status eligibles may apply.

## FERS questions and answers

I ALREADY HAVE 40 QUARTERS OF COVERAGE UNDER SOCIAL SECURITY, WHICH IS ALL I NEED TO GET A BENEFIT FROM SOCIAL SECURITY. WHAT DIFFERENCE DOES IT MAKE IF I EARN MORE QUARTERS?

It can make a difference in two ways. First of all, 40 quarters of coverage means you have enough to qualify for a benefit. The benefit you receive, however, is calculated using a formula which reflects the average of your highest 35 years of earnings. Since 40 quarters represents roughly ten years of earnings, you average would be computed using ten years of actual earnings and 25 years of zeros. Therefore, any additional years of earnings you have will reduce the number of zeros used in computing your average pay.

Secondly, for someone who transfers to FERS and whose benefit at retirement is based in part on the Civil Service Retirement System (CSRS) formula, the benefit from Social Security will be reduced unless at least 30 years of earnings are covered by Social Security. (NOTE: There are exceptions for individuals who are age and service eligible for either a CSRS benefit or a Social Security benefit between 1985 and 1989). This reduction is called the windfall elimination benefit. It reduces the benefit to individuals who have less than a full career under Social Security-covered employment and also receive a government pension.

I HAVE WORKED PART-TIME EVERY YEAR AND HAVE ALWAYS EARNED ENOUGH TO GET FOUR QUARTERS OF COVERAGE EACH YEAR. IF I DO THIS OVER A 30 YEAR PERIOD, WILL THAT EXEMPT ME FROM THE WINDFALL ELIMINATION BENEFIT REDUCTION?

Not necessarily. A special rule applies to individuals who receive a government pension. To earn a year of coverage for years worked between 1950 and the year of entitlement to Social Security, you must be credited with wages or self-employment income of not less than 25 percent of what is known as the old-law maximum taxable wage base for the year in question. The following chart reflects amounts necessary to earn a quarter of coverage (for benefit eligibility) as well as the amount needed to earn a year of coverage (for exemption from the windfall reduction).

YEAR	INCOME REQUIRED FOR ONE QUARTER OF COVERAGE	OLD-LAW MAXIMUM TAXABLE WAGE BASE	INCOME REQUIRED FOR YEAR OF COVERAGE TO AVOID WINDFALL REDUCTION
1937-1950	\$ 50	\$ 3,000	\$ 900
1951-1954	50	3,600	900
1955-1958	50	4,200	1,050
1959-1965	50	4,800	1,200
1966-1967	50	6,600	1,650
1968-1971	50	7,800	1,950
1972	50	9,000	2,250
1973	50	10,800	2,700
1974	50	13,200	3,300
1975	50	14,100	3,525
1976	50	15,300	3,825
1977	50	16,500	4,125
1978	250	17,700	4,425
1979	260	18,900 (22,900)*	4,725
1980	290	20,400 (25,900)	5,100
1981	310	22,200 (29,700)	5,550
1982	340	24,300 (32,400)	6,075
1983	370	26,700 (35,700)	6,675
1984	390	28,200 (37,800)	7,050
1985	410	29,700 (39,600)	7,425
1986	440	31,500 (42,000)	7,875
1987	460	32,700 (43,800)	8,175

\*Figures in parentheses are the actual maximum wage base amounts, which is the point at which you no longer pay the Social Security wage tax.



## The Skipper Sez...

### QUESTION

**Civilian employee --** Hi, Skipper. I work in Building 31567 near the Earth & Planetary Sciences Building on Pole Line Road. I have been employed at this location for three years. Each day on the way to work I pass the new sewage evaporation ponds located on the east side of Pole Line Road. Signs reading "contaminated water" are located along the border of the ponds strongly suggesting that the ponds' contents are unhealthy. Within the past years, the materials in these ponds have been well contained within their boundaries. Within the last two months I have noticed that the liquid from these ponds have been seeping onto the west side of Pole Line Road. This seepage has undermined the road in at least five locations and pot holes have been created and are continuing to form. As a solution to these pot holes, Public Works has replaced the deteriorated pavement with soft sand. These sand holes now pose a serious threat to the safety of bicyclists on Pole Line Road. A cyclist must either ride through the soft sand, an invitation to fall on a busy road, or must swerve around these sand holes into the busy traffic traveling about 45 miles per hour.

Over the past several months I have also noticed that the seepage on the west side of Pole Line Road has been migrating towards the Earth & Planetary Sciences Building at a rate of several feet per month. At this rate, the Earth & Planetary Building could someday be IN the new sewage evaporation pond. The seepage has also migrated west as far as the new flood drainage ditch.

These new ponds on the west side of the road are choked with algae and have become breeding grounds for mosquitoes. While riding my bike to work, I cannot avoid accumulating a great number of these bugs in my ears, nose and mouth. These are the same mosquitoes that only moments before were feeding and breeding in sewage. When bitten by these particular mosquitoes, unusually large welts form under the skin. These mosquitoes, in great numbers, can also be found in and around Building 31567 and other people in the Earth & Planetary Building and Building 31567 are complaining about the mosquito problem as well. I feel that this is an unhealthy situation as mosquitoes are potential disease carriers, considering what they feed upon.

Public Works claims that the ponds are the responsibility of Ridgecrest and that they can do nothing about the problem. But doesn't China Lake feed sewage into these ponds? What is required for action to be taken? Does someone have to become gravely ill before something is done? Signs warning about contaminated water aren't enough, especially when mosquitoes can't read. Please give this situation the immediate attention that it deserves. Thank you very much.

### ANSWER

Your letter on the leaking sewer ponds is timely. Public Works' staff is currently working on the problem; however, there is not an easy solution. The lower G-Range/Pole Line Road area is experiencing a higher groundwater table. There are several contributors to this high ground-water table but by far the largest contributor is the leaking sewer ponds. We have met several times with the City of Ridgecrest on this issue and the City is working towards a long-term solution, selling processed sewer water to Kerr McGee Chemical Corporation. A short-term solution is not as easy to find. Hopefully, we will be able to come up with one in the very near future. Meanwhile, the Center is experiencing some road and building damage as a result of the high water table. The ponding you are seeing along Pole Line Road is a manifestation of the high ground-water.

Bacterial tests have been done on this water and have been negative. In other words, the water surfacing along Pole Line Road has been sufficiently filtered by the soils underlying the sewer ponds so that the water is no longer contaminated. But the mosquitoes you mentioned will breed in clean water as well as contaminated water. I have directed the Public Works pest control office to investigate the site and spray if needed. Public Works also has the lead for repairing the road damage. Please bear with them. With the onset of summer, evaporation will probably help drop the water table so that road damage is not an immediate concern. By then, we should have negotiated some form of short-term mitigation with the City. The City and the Navy are not alone in their concerns over the leaking sewer ponds. The State, through their local Water Quality Control Board, is also concerned and is in the process of issuing the City a cleanup and abatement order for the leaking sewer ponds. When the City, State and the Center reach a final agreement on a short-term solution, I'll have the 'Rocketeer' run a short story to update the situation.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. 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.



**HAPPY GATHERING--**Capt. John Burt for their efforts in planning and joins members of the Corporate organizing NWC's celebration of Secretaries Board to whom he has National Secretaries' Week held in late just presented Commander's Awards April.

## Work of CSB committee wins award for mission support

Eight members of the Corporate Secretaries Board were recently presented Commander's Awards for Mission Support for their outstanding work in putting together the events at NWC honoring National Secretaries Week. Recipients were Fran Rugg, Code 01; Gretchen Bryan, Code 02; Nedra Duysen, Code 09; Jeanne Thatcher, Code 14; Marlene Macomber, Code 24; Sandy Joyal, Code 25; Beverly

Wood, Code 36; and Barbara Devries, Code 39E.

As Capt. John Burt presented the truncated pyramids and certificates that comprise the award, he again emphasized importance of secretaries and clerical personnel in accomplishing the Center's mission. He also expressed appreciation to supervisors on the Center who allowed the members of the Secretaries Week Committee the opportunity and time to put together

the program, and to all the supervisors who encouraged their secretaries and clerical personnel to attend the various events.

The week's activities included a keynote talk by Rita Davenport, a best selling author, on self-esteem; a discussion of color analysis; two talks on health and physical fitness; a discussion of stress management; and a final brown bag networking lunch.

## Almaraz awarded 40-yr. pin

Proudly wearing a 40-year federal service pin is Julian Almaraz, an electronics technician in the Electronic Warfare Department. The presentation was made by Capt. John Burt, NWC Commander, at a ceremony held recently in the Commander's office.

Almaraz began his federal service in the Navy as a gunner during World War II, serving from 1943 to 1946. His civilian career began on July 17, 1950 when he went to work at the Salt Wells Operations Branch as a munitions expert.

In 1955, he converted to the Apprentice Program as an electronics mechanic, and completed that program in 1959.

At that time, he moved to the Aviation Ordnance Department, and became an electronics technician in 1964, working on aircraft instrumentation and special warfare. A move to the Weapons Department ensued in 1975, where he worked with the actuation mine simulator and foliage penetration radar. His group was moved to the Electronic Warfare Department; his work with FOLPEN has continued, and he's

also been working with other projects.

Also attending the ceremony of

presenting the pin was Phyllis Almaraz. They are the proud parents of eight children.



**PROUD MOMENT--**Phyllis Almaraz watches as Capt. John Burt, NWC Commander, pins a 40-year federal service pin on her husband, Julian. Almaraz began work at China Lake in 1950.

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**China Lake Police Reports**

Increased calls to China Lake police about unattended children indicate that many local parents are not aware of California State law regarding the age at which children can be left alone. Anyone who does not know and would like to get the information by telephoning the Juvenile Officer at CLPD at NWC ext. 2947.

+++  
A possibly patriotic thief stole an American flag from a flagpole at a private residence.

+++  
While a contractor employee was watering lawns, the windshield of his vehicle was broken by a vandal.

+++  
A vandal made multiple slashes in the cover of a jeep.

+++  
When police stopped a vehicle that had an expired license plate, they discovered that the driver also had a suspended driver's license.

+++  
In a fight at the Enlisted Mess, one military man sustained injuries and required treatment at the Branch Medical Clinic. He told police he intends to file a complaint against his assailant.

+++  
One vehicle pulled out in front of another in the Michelson Laboratory parking lot, causing a traffic collision. No injuries were sustained.

+++  
A driver on the range complained to police that while he was driving through one of the gates, the wind blew the gate closed and broke his windshield.

+++  
A radio was found and turned in to the Quarterdeck. It can be reclaimed by its owner at the China Lake police station.

+++  
A resident of Hill housing returned home to find that a window had been broken by vandals.

+++  
A father brought his young son in to the police station to report that the youngster had taken a bike from Groves School. The bike can be reclaimed at the police station.

A damage to government property report was taken by police when a military vehicle drove away from the gas pumps at the airfield with the gas nozzle still in the tank. The lines were severed, causing a gasoline spill that the Fire Division cleaned up.

+++  
A resident on Kearsarge Avenue reported that a window was broken at the residence, resulting in a vandalism report to police.

+++  
A youngster walking home from school was hit and kicked by another juvenile.

+++  
Following a burglary, cash was reported as missing from a room in the BEQ.

+++  
When police stopped a vehicle with expired registration, they found that the driver not only was unlicensed but also had an outstanding warrant. The driver was arrested and booked at the jail in Ridgecrest.

+++  
A resident in the Capehart B housing called police to report that two persons were in and around her garage. By the time that police arrived, the individuals are gone.

+++  
Two bikes were found this week: one at Groves School and one at Richmond. Both were placed into the police evidence system to be held until their owners could reclaim them.

+++  
China Lake police assisted the Kern County Sheriff's office with traffic control following an accident at Highway 178 and Jack Ranch Road.

+++  
An employee at the pro shop at the golf course reported that a patron took a golf club from that shop and left without paying for it.

+++  
A former resident of the Center was issued a "bar" letter and escorted from NWC property.

+++  
Minor property damage resulted when a driver backing up in the Randsburg Wash area discovered a telephone pole behind him.

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**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. 33-007, Interdisciplinary (Electronics/Aerospace Engineer/Physicist), DP-855/861/1310-2/3, Code 3333 (2 vacancies)** - This position is located in the Advanced Technology Projects Branch, which is involved in the design, development and production support of proximity fuzes and associated support test equipment for fleet missiles, both air and ship launched. Active radar and electro-optical technologies are used in this fuze development role. This branch is hardware oriented, and tasks routinely include work with digital and analog circuitry design and development, laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as part of a team supporting programs in the branch, which includes development of, production support of, and advanced fuzing studies of target detection devices for Sidewinder, RAM, and Sidarm. Promotion potential to DP-3. Please send current SF-171 to Jerry Mumford, Code 33306, NWC ext. 2856.

**No. 33-016, Interdisciplinary (Electrical/Electronics Engineer), DP-850/855-1/2, Code 3336** - This position is located in the Phoenix Fuze Systems Branch, which is involved in design, development and production support of proximity fuzes and design support test equipment for fleet missiles. The incumbent will perform duties as part of a team supporting programs in the branch, which includes Phoenix, AAAM, and others. Interest in signal processing is desirable with background in radar systems a real plus. Promotion potential to DP-3. To apply send current SF-171 to Larry Morrison, Code 3336, NWC ext. 1146.

**No. 33-017, Interdisciplinary (Mechanical/Industrial/Chemical/General Engineer/Chemist/Physicist), DP-830/896/893/801/1320/1310-2/3, Code 33505** - This position is the Insensitive Munitions Data Base Coordinator and is in the Insensitive Munitions Advanced Development Office for Air-Launched Ordnance

Sections, Code 33505. Position requires the direction of Navy-wide data base development efforts addressing munition IM status, energetic materials characteristics, IM engineering technology, and platform effects. These individual data bases are in development at various Navy and contractor facilities around the country. Moderately frequent travel (about one trip per month) is required. Some ordnance development experience is highly desirable. Familiarity with computerized data bases is desired but not required. To apply, submit SF-171 to Pat Yates, Code 33505, NWC ext. 7408/7320.

**No. 33-018, Interdisciplinary (Mechanical/Industrial/Chemical/General Engineer/Physicist), DP-830/896/893/801/1310-2/3, Code 33505** - This position is the deputy to the head of Code 33505, Insensitive Munitions Advanced Development Office for Air-Launched Ordnance Sections and involves extensive technical coordination with sponsoring offices in NAVAIR and NAVSEA, weapons program offices, other IMAD and IM technology development/transition programs and industry. Incumbent will also manage several of the technology development tasks being funded by the IMAD program. Duties require travel (about one trip per month, average), and frequent briefings to diverse groups on technology development plans and progress. Experience in the development of ordnance components or systems and with the Navy weapons acquisitions process is highly desirable. Position is non-supervisory. To apply, submit SF-171 to Pat Yates, Code 33505, NWC ext. 7408.

**No. 35-010, Interdisciplinary (Computer/Scientist/Mathematician/Physicist/General Engineer/Electronics Engineer/Operations Research Analyst), DP-1550/1520/1310/801/855/1515-3/4, Code 3508** - This position is that of Head, Systems Architecture Office of the Electronic Warfare Department. The incumbent will interface with department managers to assist them in

acquisition planning and strategy, head the department's Peer Review Committee (PRC), and develop requirements for a generic automated information system encompassing configuration management, management information and PMS. This position is also the department's Automated Data Processing (ADP) coordinator and Computing and Information System (C&IS) coordinator. **Job Relevant Criteria:** Knowledge of systems acquisition policies and procedures; knowledge of computing and software applications; knowledge of NWC ADP policy; ability to interface with personnel at all levels of the organization. Promotion potential is to DP-4, but is not guaranteed. Previous applicants need not reapply.

**No. 35-019, Interdisciplinary (Computer Scientist/Electronics Engineer), DP-1550/855-2/3, Code 3544** - This position is located in the Signal Exploitation Branch, which is involved in the design, testing, and production of passive signal exploitation equipment. The incumbent will be responsible for designing, documenting, writing, and debugging computer programs for DEC computers and designing a software development and maintenance facility. Experience with real-time computer systems, writing PDP-11 assembly language programs and device drivers, and a working familiarity with FORTRAN is highly desirable. The incumbent will require special security clearances and should, therefore, already have them or have a high likelihood of successfully ob-

taining them. To apply, send an updated SF-171 to R. P. Alger, Code 3544, NWC ext. 4509/4510.

**No. 31-037, Interdisciplinary (Electronics/Mechanical/Aerospace/General Engineer/Physicist/Computer Scientist), DP-855/830/861/801/1310/1550-3, (Multiple vacancies) Code 3112** - These positions are located in the A-6F Facility Branch of the Avionics Facilities Division, Aircraft Weapons Integration Department. The A-6F Facility Branch is responsible for the design, construction, operation and maintenance of real-time avionics simulation facilities to support development and validation of operational flight programs for the A-6 aircraft. The branch is currently seeking several individuals to serve as project leaders for the development of multiple avionics facility test consoles to support the A-6F aircraft under development by Grumman Aerospace Corporation. Each project leader will be responsible for both technical and programmatic aspects of the avionics facilities to support one or more subsystems on the A-6F aircraft. Each project leader shall be responsible for over-seeing the analysis, design construction, coding, integration, testing and documentation of the facility hardware and software. The project leader shall interface with facility users, support contractors, vendors and other facility team members. Knowledge of avionics facilities and project management is highly desirable, but not required for these positions. To apply, submit a current SF-171 to Jerry Bradley, Code 3112, NWC ext. 5388.

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# Personnel News & Notes

## 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. 08-028, Management Analyst, DA/DP-343-3, Code 0835** - This position is located in the Plans and Programs Branch of the Central Staff Department. The incumbent will design and manage the data base system for the Center Planning System. **Job Relevant Criteria:** Ability to analyze data base systems; ability to recommend systems and software configuration; ability to work with financial data bases; knowledge of current Center Planning System; and knowledge of Univac S2K desirable. Promotion potential to DP-3.

**No. 08-029, Computer Systems Analyst, DS/DP-334-3, Code 0835** - This position is located in the Plans and Programs Branch of the Central Staff Department. The incumbent will design and manage the data base system for the Center Planning System. **Job Relevant Criteria:** Ability to analyze data base systems; ability to recommend systems and software configuration; ability to work with financial data bases; knowledge of current Center Planning System; and knowledge of Univac S2K desirable. Promotion potential to DP-3.

**No. 08-030, Accounting Technician, GS-525-4/5, Code 08621** - This position is located in the Cost Accounting Branch of the Accounting Division. Incumbent will serve as an accounting technician in the control and maintenance of cost accounting records and subsidiary ledgers for the Commercial Orders Section. Duties include the review of incoming purchase orders and amendments for accuracy and completeness; reconciling subsidiary ledger accounts; extracting necessary

information from source documents, collating data and preparing forms to enter data into an automated system; auditing computer outputs for accuracy; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project, budget, and supply personnel and provides information on various vendor inquiries. **Job Relevant Criteria:** Knowledge of integrated disbursing and accounting system; knowledge of document entry system; ability to work accurately with figures; and ability to deal effectively with people. Promotion potential to GS-5.

**No. 25-021, Purchasing Agent, GS-1105-4/5/6, Codes 25221, 25222, 25223, 25224 (Multiple vacancies)** - Incumbent is responsible for performing basic purchasing agent functions (e.g., places orders with vendors, issues RFQs, modifies existing orders, drafts documents) with the assistance of an experienced buyer. **Job Relevant Criteria:** Knowledge of small purchase procedures; knowledge of automated management information systems (OASIS); ability to deal effectively with others; ability to work under pressure. Promotion potential to GS-6, however it is not guaranteed.

**No. 26-032, Carpenter Helper, WG-4607-5, Code 26413** - Assists journeyman joiner and carpenter by performing less skilled duties. Keeps journeyman supplied with tools and work materials. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability

to work as a member of a team. Incumbent will be participating in a formal development program leading to promotion potential to WG-9. Supplemental is required.

**No. 32-257, Computer Specialist, DS-334-1, Code 3202** - This position is located in the Ordnance Systems Department. The incumbent's duties include providing computer support work for the department staff, divisions and branches in analyzing needs and writing programs for producing data bases, reports, statistics, etc. for a variety of usages. Duties also include the preparation and presentation of reports, reviews, workshops, etc. on computer related subjects. The incumbent will be responsible for implementation of the STAFS financial system within the department including the training of personnel who will be accessing the STAFS system. Performance of routine procedures including backups, weekly/monthly reports and assistance in problem solving is also required. **Job Relevant Criteria:** Knowledge of analytical techniques; ability to follow instructions; ability to communicate orally; ability to communicate in writing; ability to work with others. Promotion potential to DS-3, however, it is not guaranteed.

**No. 35-018, Computer Scientist, DP-1550-1, Code 3511** - Incumbent will analyze user requirements, plan, design, develop and test specialized software for the HARM/HLCS Software Support Facility. **Job Relevant Criteria:** Knowledge of the HARM/HLCS Facility; knowledge of DEC cluster systems operation; ability to program on DEC systems. Promotion potential to DP-3.

**No. 64-185, Flight Test Specialist, DS-301-2/3, Code 6445 (3 vacancies)** - These positions are located in the Test Operations Branch of the Electronic Warfare Threat Environment Simulation (EWTES) Division of the Aerasystems Department. The incumbent will perform air control and test conductor functions in support of flight testing performed at EWTES. Work schedule is 'first forty'. **Job Relevant Criteria:** Knowledge of shipboard anti-submarine air control (ASAC) and/or air intercept control (AIC); ability to communicate orally; ability to communicate in writing; ability to interpret and apply written and oral instructions in a real-time test environment. Promotion potential to DS-3.

**No. 24-022, Support Services Specialist, GS-342-5/6, Code 24021** - This position is located in the Head of Staff Office, Safety & Security Department. Incumbent is responsible for Plant Account coordination and control for the department, procurement responsibilities including department focal point functions, forms management, and will assist the department in a variety of management analysis studies. **Job Relevant Criteria:** Knowledge of plant property policies and

procedures; knowledge of procurement policies as they relate to NWC; knowledge of forms management regulations; ability to communicate both orally and in writing; ability to implement written instructions. Promotion potential to the GS-7 level.

**No. 31-049, Clerk-Typist, GS-322-3/4, Code 3102** - This position is located in the Aircraft Weapons Integration Department Staff Office. The incumbent provides clerical and mail delivery support to personnel located in buildings 20192 and 20185 at Armitage Field. **Job Relevant Criteria:** Knowledge of the organization and location of Code 31 personnel/organizational entities at Armitage Field; the distribution of mail as required by the personnel whose offices are in Buildings 20192 and 20185; the procedures required to requisition office supplies and services. Promotion potential to the GS-4 level.

**No. 24-021, Clerk-Typist, GS-322-3/4 (Multiple vacancies) Code 2433** - This is a part-time position located at the Employee and Visitor Badging Branch of the Security Division. Incumbent performs clerical duties which include processing employee security clearances, finger printing, typing messages and letters, maintaining records, filing and mailing. Incumbent manufactures badges/passes for access to NAVWPNCEN and prepares input for computerized badge listing. Incumbent will be required to greet customers tactfully and courteously. **Job Relevant Criteria:** Knowledge of NAVWPNCEN badge/pass and appropriate regulations, instructions and directives relating to his/her control is desirable. Promotion potential is to the GS-4 level.

**No. 31-048, Computer Specialist, DS-334-1, Code 3141** - Incumbent will be responsible for assisting the Code 3141/DAPC (Data Analysis and Presentation Center) staff in supporting the facility aspects of a large DEC VAX-11/785 clustered computer system used to process and analyze avionics test data for the Code 31 WSSA's and related support branches. Incumbent will assist the Code 3141/DAPC staff in the areas of facility expansion and related procurements, equipment maintenance, configuration manage-

ment, plant accounting, insuring safety and security regulations are met, and contractor support via Omnibus contract. **Job Relevant Criteria:** Skill in the use of VAX Computer System Editor (EDT) and VAX command language (DCL); knowledge of NWC ADPE procurement regulations and procedures; ability to research requirements and prepare required documents to support ADPE and facility procurements; knowledge of NWC ADPE security regulations and procedures; knowledge of delivery order contract package preparation and financial tracking once in place; ability to communicate effectively, both orally and in writing; and to interact effectively with a large number of NWC and contractor personnel. Promotion potential to DS-2, but not guaranteed.

**No. 31-046, Supervisory Interdisciplinary (General/Electronics Engineer / Physicist/Mathematician/Computer Scientist / Operations Research Analyst), DP-801/855/1310/1520/1550/1515-3/4, Code 3193** - As branch head, directs a multidisciplinary staff which provides Tactical Aircraft System Design, functional analysis, Tactical Software Design, system and software testing for A-4/A-7/AV-8B aircraft. **Job Relevant Criteria:** Knowledge of operational software development, Digital Computer Simulation, and the system engineering process; knowledge of affirmative action and willingness to support EEO programs; ability to supervise. If filled at the DP-3 level, has promotion potential to the DP-4; however, promotion is not guaranteed.

**No. 31-043, Clerk-Typist, GS-322-3/4, Code 3103** - Incumbent is responsible for providing clerical support in the form of typing, filing, compiling data, maintaining logs and performing follow-up action on a wide variety of items. Position requires frequent personal and telephone contacts with individuals at all levels. **Job Relevant Criteria:** Ability to use tact and diplomacy in dealing with both on-center and off-center personnel; knowledge of basic clerical procedures and correspondence. Promotion potential to GS-4. Status eligibles may apply.

## Official OPM benefit analysis computer program now on-Center

The official Office of Personnel Management (OPM) Version 1.00 of a benefit analysis computer program has been distributed to department offices. This computer program is for use by employees to compare the benefits they would accrue under each retirement system (CSRS or FERS). Since this is the official OPM version, it should be the only computer program used to compare benefits. All previous versions should be discarded. The Training Center has 20 copies of this official computer program available for use in the Training Center for employees who do not have access to an IBM or IBM compatible computer. If you have any questions call Virginia Spille at NWC ext. 2592.

# Center celebrates American Heritage Week

During the breakfast concluding last week's American Heritage Week activities, Capt. John Burt emphasized the importance of recognizing all the diverse elements of this society that have come together to create "one nation, indivisible. . ."

He added that "I think it is exciting and important to provide the opportunity for all the diverse elements of this society to come together."

The uniting force, he said, is the Constitution, which will celebrate its bicentennial this summer. "We need to continue to work for harmony as exemplified by that document."

"Establish justice--that's the root of it--we need to ensure that everybody has justice," he continued.

"Ensure domestic tranquility--we need a society focused on bigger questions."

"Promote general welfare--people should each have a share of the pie."

"Secure the blessings of liberty to ourselves and our posterity--we are the posterity for whom those blessings were ensure," Capt. Burt added, "but we must ensure these to those who follow us."

The Skipper concluded with the recommendation that each "Reaffirm your dedication to our heritage by re-reading the Constitution and thinking about the ideas expressed."

Best attended of all the functions of the week were the lunch gatherings at Headquarters Circle Wednesday during "ethnic" day and Thursday during "Western" day.

Both programs highlighted the theme of the day, and foods sold fell in with the two themes. Military and civilian personnel at China Lake and

those from the City of Ridgecrest who joined in the celebration were encouraged to wear appropriate costumes for each day.

Both food booths and costumes were judged each day. Judges were representatives from the Daily Independent, News Review and Inquirer newspapers.

Winners Wednesday included for best costume, Julia LeBlanc, Code 09; John Dunker, Code 34; and Patty Valdivia. Best decorated food booth Wednesday was the Technical Information Department's "All American Booth."

Winners Thursday were Billy Hise from the Historical Society; Julie Von Schlemmer from Code 08; and Marlene Nelson from Code 25, with Central Staff's "The Spud Wagon" taking food booth honors.



**FUN FOR ALL--"Celebrating the Differences" for American Heritage Week included listening to a bluegrass band, munching "All American" food and even watching the inflation of the Center's hot air balloon.**

Photos by PH3 Bob Reynolds and Code 34 Photo Lab



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# Lt. Bowersox preps for NASA assignment . . .

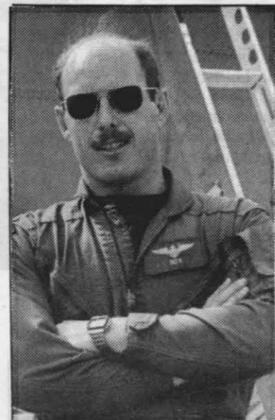
(Continued from Page 1) the opportunity to some things first because of the testing environment here. He said the people at NWC were very creative and displayed real dedication to the task at hand.

The NASA environment in Houston appears, to Lt. Bowersox, to have some of the same qualities he has admired in the Naval aviation community. During his week-long stay for interviews and tests in March, he discovered the people are extremely well organized, but flexible enough to speed up the schedule if there seemed a good way to do it—they didn't waste a lot of time. "They

were very open, we spent a lot of time getting to know people. They wanted us to decide if we really wanted the job as much as they wanted to see if they wanted us," he added.

NASA officials announced on June 5 that seven of the new astronauts, including Lt. Bowersox are space shuttle pilot candidates and eight are mission specialist candidates. Bowersox noted he will really be considered for either role. NASA, he commented, is considering sending it shuttle pilots on their first mission as specialists to assist the pilots and get acquainted with shuttle systems.

The new astronaut candidates will report to NASA's Johnson Space Center, Houston, Texas on Aug. 17 to start a year-long program of training and



Lt. Ken Bowersox

will begin training assignments leading to selection for space shuttle flight crews. Two other Naval officers join Lt. Bowersox in the new group of space shuttle hopefuls. LCdr. Kenneth Rieghtler, Jr. Chief of Flight Instruction, U.S. Navy Test Pilot School, Patuxent River, Maryland and LCdr. Mario Runco, Jr., Fleet Liaison Officer, Naval Western Oceanographic Center, Pearl Harbor.

Attack Squadron 22 at Naval Air Station Lemoore, deployed on board the USS Enterprise during that time.

Five civilians, four of whom are current NASA employees, join 10 military officers in the 1987 group of astronaut candidates. NASA officials said two of the mission specialists selected are women. This group was chosen from 117 persons interviewed and given medical tests early this year. Those 117 were selected from more than 1,900 individual applications.

Between now and when the shuttle pilot candidate leaves for Texas, he hopes to get in as much time flying the A-7 or F/A-18 as he can, "once you get a taste of that afterburner (in the F/A-18) you can't get enough," said Lt. Bowersox. And, he added, "I'd really like to fire a Sidewinder before I go."

A Naval Weapons Center pilot since coming to China Lake from Edwards AFB in January, 1986, Lt. Bowersox also spent four years with

evaluation. Following their year at the Johnson Space Center, successful candidates

present to win in Monday's drawings. Thirteen prizes will be given out including a choice of sports vehicles from Bob Foster's SuperCycles in Ridgecrest. Also scheduled to be given away are a vacation trip for two, a shopping spree at Loewens', a bike from T.J. Frisbee and several dinners and movie tickets. NRS is the one organization devoted, for more than 80 years, to helping members of the Navy and

Marine Corps and their dependents in time of need. A volunteer group, NRS workers provide financial assistance for education, family emergencies, funerals and more. They also offer counselling services for military members and their dependents. At China Lake, more than \$31,000 was loaned to those in need last year through NRS. Time is running out—the deadline is Monday.

## NRS campaign concludes

Monday is the final day to buy tickets in the 1987 Navy Relief Society (NRS) annual fund drive. Ticket sales will end Monday and the drawings will be conducted by Capt. Paul Valovich, NWC Chief Staff Officer, at the Navy Exchange.

Thus far in the month-long effort, military and civilian personnel at China Lake have donated more than \$14,000 toward Navy Relief.

Donors with tickets need not be

complete the payee portion of Direct Deposit Standard Form 1199A (SF-1199A) and ensure that a representative of the financial institution completes the appropriate section.

The financial institution must provide a routing transit number (RTN) and all validated account information on the SF-1199A, so payment can be electronically deposited to the proper account. Forms are available at financial institutions or your disbursing office.

The Navy Finance Center will be automatically converting to DDS "S" and "D" allotments that were started before the change was implemented. The conversion to DDS will be accomplished in six segments over a 15-month period. After full conversion in July 1988, allotments that cannot be converted,

## Navy alters allotment rules

WASHINGTON (NES) . . . The Navy's forwarding of allotments has changed, and the change will affect military members.

The change that took effect March 17, 1987, involves using Direct Deposit System (DD) instead of hardcopy treasury checks for monthly delivery of Savings (S) and Dependent (D) allotments to financial institutions. This means that all such transactions will be deposited electronically via DDS. Dependent allotments to individual payee's address will remain unchanged.

The change in procedures began for new starts and changes with the first payday in May 1987. This is how it works:

When you visit your disbursing office to arrange to have funds forwarded each month to an account in a financial institution, you must

those without validated RTNs -- will be investigated as to their legality. Unauthorized allotments will be stopped.

If you have questions, call or visit your disbursing office.

## CPO tourney

Hosted by the Chief Petty Officer's Mess (CPOM), entry time for the annual Golden Anchor Golf Tournament has arrived. The tourney, which has a \$100 per team entry fee, begins Friday, June 19. The weekend-long event includes a social hours on Friday, June 19, a dinner Saturday and a Sunday buffet for all team members. For more information on this big tournament call the CPOM at NWC ext. 3634 or the China Lake Golf Course at NWC ext. 2990.

# Fishing remains slow in much of Sierra region

Despite stormy weather and fishing that was fair at best in most of Inyo County, the eastern Sierra region hosted throngs of anglers seeking the elusive trout over the weekend.

South Lake, North Lake, Lake Sabrina and the forks of Bishop creek continue to provide only spotty results. Rain and snow fell at higher elevations dampening the spirits of some anglers and doing nothing to improve the catch. Fishing on these lakes is best from boats early in the morning.

South of Bishop, in the warm water fishery area near Black Rock Springs, catfish and bass are being taken on purple rubber worms and bait. Good bass and cat fishing is expected to continue for at least another week according to the California Fish and Game officials.

The Owens River below Pleasant Valley Reservoir has anglers reporting fair to good fishing for planted rainbows. A few native brown trout are being taken on flies and small lures near the mouths of creeks feeding the river.

In the reservoir itself a few big German browns have been caught recently, but most anglers are

landing planted rainbows on red salmon eggs and cheese bait.

Lower Rock Creek along the old highway to Mammoth has been a bright spot for experienced anglers. Flies, olive or black matukas in particular have proven effective in the creek. Anglers also land pan-size trout on floating cheese bait and marshmallows. Rock Creek Lake and the upper elevations of the creek are also giving up good numbers of 10-12 inch fish.

Crowley Lake yields lots of limits to anglers still fishing from boats with the bubble-fly combination. Fly fishing is best when using one of the matuka patterns.

New rules for 1987 limit the take on the upper Owens River by establishing a 18-inch minimum keeper size, a two-fish limit and fishing with artificial lures and a single barbless hook. These restrictions will be in force until July 1. The river is, none the less, giving up rainbows to skilled anglers using flies and lures such as Kastmasters and roostertails.

Fly fishing on Hot Creek is rated fair, at best, by area anglers using elk hair caddis and pheasant

tail flies. These are mostly small, elusive browns.

Red salmon eggs are the bait of preference for many anglers fishing the June Lake Loop. All the lakes, June, Silver, Gull and Grant have been rated good by anglers. Reverse and Rush Creeks are attracting fly fishermen after a good challenge.

Lee Vining Creek and Lundy Lake fishing is fair to good according to anglers reporting results to area sporting goods stores.

Bridgeport Reservoir continues to be one of the hotter spots for

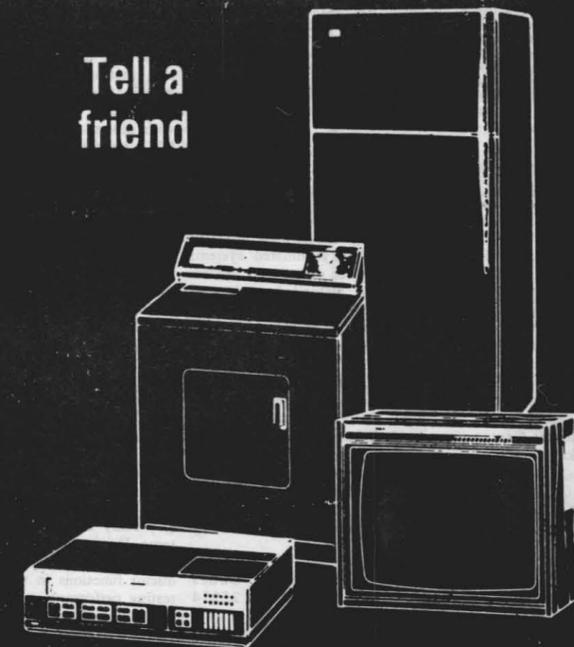
fishing along the eastern Sierra. Rainbows up to two pounds have been common for trollers using flashers and nightcrawlers. Still fishing from boats with inflated nightcrawlers has also produced good results. Anglers using Panther Martins and red Mepps lures have also fared well on the reservoir's banks. Sacramento perch continue to bite in the reservoir as well. There is no limit on these tasty, but smallish fish. The best results have been obtained using a yellow crappie jig.

The East Walker River, one of the best wild trout streams in the state is only fair for fishing by experienced anglers. Olive matuka and tan or elk hair caddis are among the more popular flies. The Mayfly hatch is due anytime and should improve fishing results. The few trout landed on spinning gear are being taken on Panther Martins or roostertails.

One often forgotten, but usually productive, lake, is Topaz Lake on the California-Nevada border. It's a long drive but maybe worth it.

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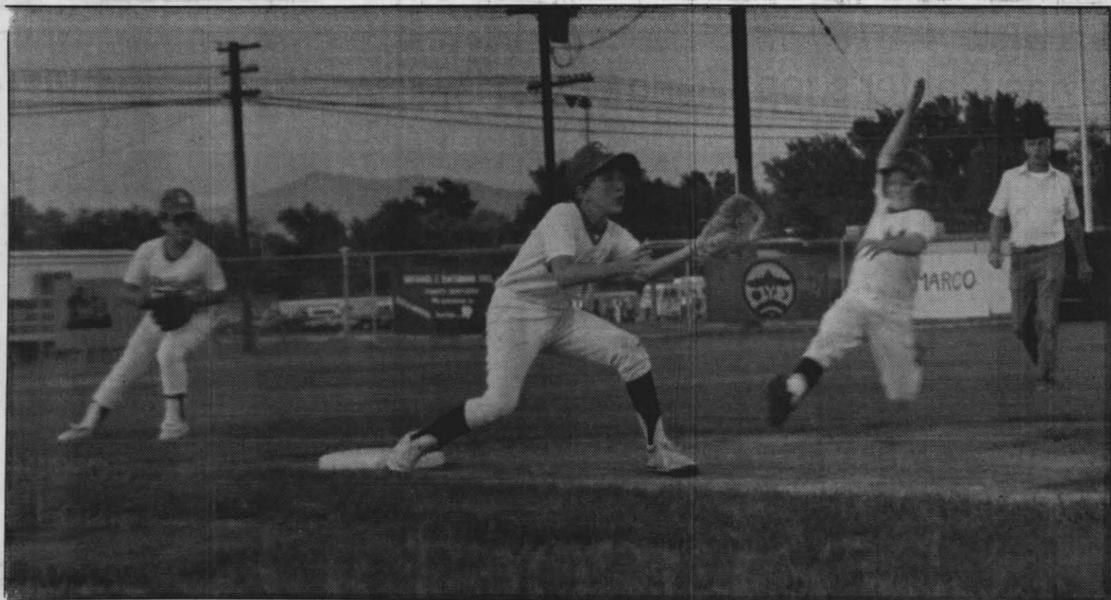
## THE WAR At the Shore

World Heavyweight Championship LIVE! from Atlantic City Monday, June 15, 6 p.m.

Can undefeated Michael Spinks retain his unblemished ring record against the devastating punching power of challenger Gerry Cooney? Can Cooney's legendary left hook overcome the ring generalship and speed of Michael Spinks? Don't miss this battle of the heavyweights. See it LIVE in your own home on Cable TV!

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SLIDE--Jay Stevens, Dodger third baseman, waits for the ball as Eric Sutcliff begins his slide. Steve Anderson is backing up third base while the umpire, Ray Banks gets in position to make the call.

## TNT and Outlaws share league leadership in early intramural softball competition at NWC

Sharing identical 5-0 records, TNT and the Outlaws have moved to the top of standings in the Naval Weapons Center Intramural Softball League. Desert Sun Air remains at 4-0 and holding down the third spot.

Other team in the league has a winning record in the 11-team loop. Two teams are still seeking their

elusive first victory of the 1987 softball season.

The league schedules games

Monday through Thursday nights starting at 6 p.m. The second game is scheduled for 7:30 p.m. All games are played at NWC's Schoeffel Field.

Playoffs in the league will begin July 15 when the top eight teams from the loop will meet in a double elimination tournament. The championship game is scheduled for July 28.



## Sports

With a 3-1 record Bad-to-the-Bond is fourth while WTF0 is at 3-2 and the Softball Team is 2-1. No

## Bowling lessons available for area youth

China Lake's Youth Activities Branch is offering bowling lessons for youth 8-11 years of age. Anyone can bowl, but without the right technique, not necessarily well. The first session of bowling lessons will

be held 10 to 11 a.m., June 17-26 on Mondays and Wednesdays. A second session will be held July 14-23 from 11:15 to 12:15 p.m., on Tuesdays and Thursdays. Fees include instruction, shoe rental and

lane fees. Fees are \$6 for military dependents, \$7 for dependents of DOD civilians and \$8 for others.

For more information call the NWC Information Ticket and Tour Office at 939-2101.

## Adult hoop loop on Monday

Summer play gets underway on Monday in the Summer Adult Basketball and Military Intramural Golf Leagues according to the Naval Weapons Center's Recreational Services Department. Basketball games are played in the Center Gym at 6 and 7:45 p.m., Monday through Thursday. Golfers will hit the China Lake Golf Course on Mondays at 5 p.m. All teams are asked to check with the Sports Office in the gym or call NWC ext. 2334 for schedules.

## Dodgers top Tigers

Behind the solid pitching of Mike Mayhugh and clutch hitting from Cedric Hamilton, the Dodgers stopped the Tigers 10-6 in the China Lake Little League playoff. The game was to determine the winner of the first half for the Major Division, both teams had concluded regular play with identical 7-2 records.

The Dodgers took a 6-0 lead in the first inning en route to their first half championship. Hamilton, Tom Fosiey, Steve Anderson and Jay Stevens drove in runs during the opening inning to get off to a good start. Mayhugh added two hits to go along with a strong mound performance. Mike Larson relieved Mayhugh in the fifth and sixth innings.

Paul Kizer was the pitcher of record for the Yankees. The losing team got two singles from Heather Hollowear and triples from Jerrod Delgado and Albert Medoza.

## State asks grouse hunt

California bird hunters will be able to hunt sage grouse for the first time in four years if the state's Fish and Game Commission accepts the recommendation of the Department of Fish and Game for limited permit hunting in three eastern California areas.

DFG's proposal calls for issuance of 400 hunting permits for a portion of eastern Lassen County, 300 for northern Mono County and 250 for southern Mono and portions of Inyo County.

The two-day season would be held Sept. 5-6 with a daily and seasonal bag limit of two birds. Post-card applications would be used for public drawings to be held in Redding and Bishop in August.

Additionally, state officials are call for a shorter white-winged dove season in three southern California counties and a daily limit of 10 and possession limit of 20 for mourning or white-winged dove.

## Medal for LCdr. Klinger

Service as aviation safety officer at the Naval Weapons Center brought the second award of the Navy Achievement Medal to LCdr. Karl E. Klinger. RADM. William J. Finneran, Vice Commander, Naval Air Systems Command (NAVAIR) made the presentation last week.

RADM. Finneran was at NWC to present the CNO Aviation Safety Award earned by Center personnel.

The citation for LCdr. Klinger's safety efforts reads, in part, "the Naval Weapons Center's 30 aircraft

of 13 different models flew more than 6,000 mishap-free flight hours . . . additionally, NWC operated FOD-free, injury free and attained its seventh consecutive year of Class a mishap-free operations." As the Center's aviation safety officer from Jan. 1 to Oct. 31, 1986, LCdr. Klinger, with his demonstrated leadership and management ability, measurably contributed to the operational readiness and overall safety posture of the Naval Weapons Center.



## Military personnel records available through St. Louis

Missing service records for former military personnel can be obtained from only one place. They aren't available from individual services, not even from the Department of Defense; they can be obtained only from the National Archives and Records Administration in St. Louis.

The complete service records are available only to the service members or next of kin. Limited information, such as dates of service, awards and training is available to anyone. Information such as medical records, Social Security number, present or past address are not available to the general public.

The St. Louis center receives 30,000 requests for service records each week. Because of this load, individual requests are processed with greater speed and accuracy if submitted on the Standard Form 180.

Send the request to:  
National Personnel Records Center (Military)  
9700 Page Boulevard  
St. Louis, MO 63172

Requests should include full name of the former service member, Social Security or service number, date and place of birth, branch of military service and date of separation. If it is for a relative, provide the relationship between the requestor and service member.

There is no charge for this service when requested by former service members or their next of kin. These files are historical records only and are not updated to reflect current data.

## Motorcycle safety tips

WASHINGTON (NES) . . . Every year, many motorcyclists are killed in accidents. OPNAVINST 5100.12D includes guidelines motorcyclists must follow -- such as wearing protective gear, attending motorcycle safety courses and riding with lights on -- which are designed to help Navy motorcyclists avoid or survive accidents. But the person on the motorcycle can't do it all.

A big part of increasing motorcyclists' safety is public awareness. As the riding season gets under way, more motorcycles will be on the roads, many operated by new riders. The following tips can help non-motorcyclists be better road partners

to motorcyclists on this nation's roadways.

- Look for motorcycles. Some of the places they hide are in your blind spots and, at night, motorcycles can be lost in the tail- and brakelights of vehicles in front of them.

- Don't tailgate a motorcycle. If the bike goes down, you'll probably run over it before you can stop.

- Bikes are entitled to their own lane. Just because motorcyclists don't occupy the entire lane does not mean they want a car to join them.

- Respect a motorcycle's power. Most bikes accelerate faster than cars and most riders need more distance to stop.

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**STRUCTURAL EXCELLENCE--**Jim Bowen, NWC Deputy Support Director, was joined by Roy Parris, Lee O'Laughlin, NWC Fire Chief, as he presented the Navy Fire Protection Association's first runner-up award for structural fire fighting excellence to Fire Station One crews.



**OUTSTANDING FIRE FIGHTERS--** honors to the China Lake fire fighters. Their work as a crash fire rescue fire at Station Three in the Navy Fire Protection Association's annual competition.

## Firefighters win kudos

China Lake firefighters received more honors recently when they were named first runners-up in both annual competitions of the Navy Fire Protection Association. Jim Bowen, Deputy Support Director at the Naval Weapons Center, made presentations of plaques and certificates at Fire Stations One and Three recently.

Fire Station One was honored in the structural fire fighting category, while the crews of Fire Station Three were saluted in the crash fire rescue competition.

China Lake Fire Chief Lee O'Laughlin served as second vice president of the Navy Fire Protection Association this past year. The association's competitions are open to the 167 Navy and Marine Corps fire departments world-wide.

Bowen was accompanied by Roy Parris, head, Safety and Security Department as he presented the plaques and certificates to the officers and men at the Center fire stations. He told them they should be proud of their accomplishments and noted the department has a commendable record in this competition.

Last year the department won top honors as the outstanding structural fire department and took second runner-up in the crash category. Previously NWC fire fighters have earned three outstandings and two second runners-up in the crash category and a second runner-up award in the structural category.

Fire Departments in the Navy and Marine Corps have been competing for these awards since then Major General Harry C. Olson, Marine Quartermaster General, prompted the first competition with a challenge in 1973. The first awards were presented in 1974.

## Art classes on Monday

Eric Bengston, an illustrator with NWC's Technical Information Department will teach classes in basic drawing and graphic design for the Recreational Services Department starting Monday, June 15.

Anyone eight years of age or older can register for the basic drawing class. For people more interested in design and the ins and outs of the printed page, graphic design is the class for those 14 years of age and older.

The drawing class costs \$20 for military or dependents, \$22 for DOD civilian employees or dependents and \$24 for all others. Fees for the graphic design class are \$35, \$40 and \$45.

## Movin' on

All youth in grades 1-6 are eligible to attend the "Movin' On Up Club" at the Youth Center from 6:45 a.m. to 5 p.m., Monday through Friday, from June 15 to September 4.

Registration is now being taken at the Youth Center. For more information on this program call Robyn King at NWC ext. 2909.

## Newest crane has Center's top lifting capability...

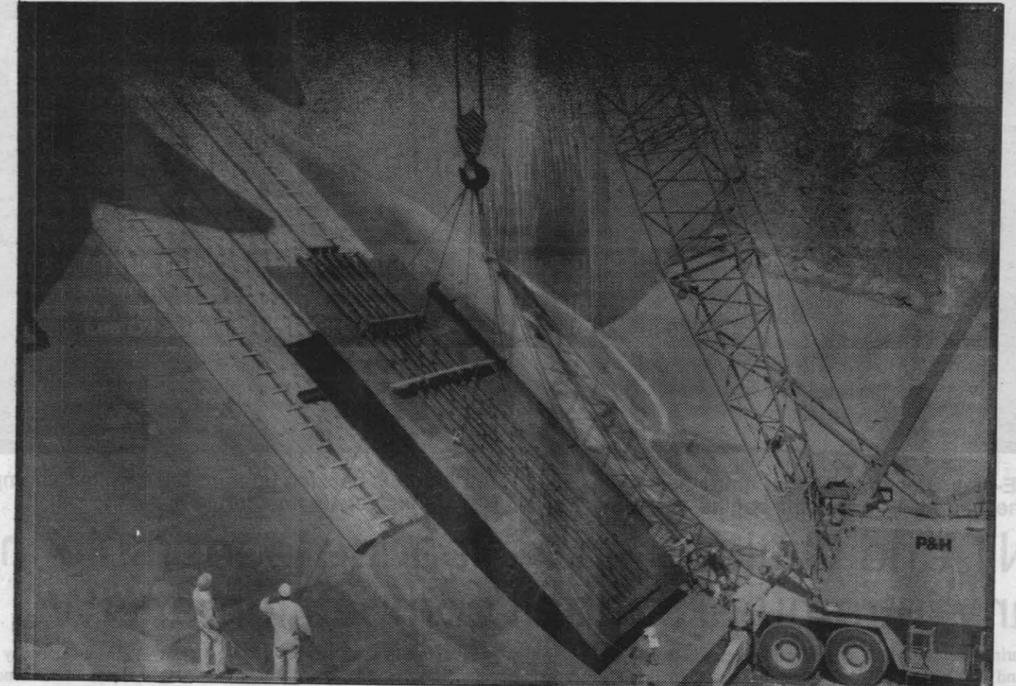
(Continued from Page 1) field. This newest piece of heavy equipment will be able to handle any anticipated loads at NWC, meaning it will not be necessary to contract for crane support in future projects.

Braun noted the efforts of Hams, Del Cook and Keith Sorenson were complemented by the work of Ron Bently and Bob Bergstrom in making it possible to get the plate lifted into place in time for the scheduled test firing of the rocket motor.

Hams noted the task wasn't as straight forward as it first looked. When the crane arrived at Searles Station it became obvious getting the main portion off the rail car was going to be difficult because of the weight involved and the lack of a wide, stable platform. In the end, Transportation, with the cooperation of the Trona Railroad, built an earthen ramp so the massive rig could be gently driven off the rail car. There was, commented Hams, a big sigh of relief from all involved in unloading the crane when it had all its tires on solid ground.

Ordered in 1985 at a cost of \$618,000, the impressive P&H crane weighs more than 100,000 pounds without the long boom that allows it to lift huge amounts of weight while reaching 60 or more feet in front of the cab.

Its availability for this big lifting task was a surprise. Range Department personnel said they didn't think it could be assembled, weight-tested and moved into place quickly enough to meet deadlines. As Hams said about the effort, "It was quite a feat in a short span...they did a super job."



**HEAVY JOB--**NWC's newest crane was used this spring to lift a heavy steel heat and flame barrier into place at Skytop. Without this new crane, the Center would have had to pay a contractor several thousand dollars to provide this service. Part of getting it ready for the heavy lift was weight testing (lower left) and assembly of the long boom (lower right).

Photos by Jerry Morrison and Paul Scallin



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