



YARD CARE REWARDED — Anna K. McDuff and her husband, Edgar, receive a "Yard of the Month" award for their Capehart B area home from Bill Hatfield, head of the Housing Division. Other Yard of the Month winners are Alma Matheny for the old duplexes, and ABE1 Thomas J. Ruane for hill duplex housing.

Spring Festival underway this weekend at local fairgrounds

The gates at the Desert Empire Fairgrounds in Ridgecrest will open this afternoon at 5:30 o'clock for the final three days of the 1983 Spring Festival, sponsored by the Knights of Columbus.

Activity on the carnival midway, the outdoor stage, and in exhibit buildings will continue until midnight tonight and be resumed at 12 noon on both Saturday and Sunday.

General admission to the Spring Festival on this pre-Memorial Day weekend is 50 cents, except for senior citizens, handicapped persons, and children under 12 years of age, who will be admitted for 25 cents each.

The top country-western performers who will headline the entertainment offered at the Spring Festival, will appear. He will be accompanied by the Renegades, a local musical group from Ridgecrest, led by Russ Hyde.

Mize began his singing career with the "Cousin Herb Show" in the late 1950s, and soon after joined Gene Atry's "Melody Ranch" program, and was a regular performer for nine seasons.

For three consecutive years, Mize won the Academy of Country Music's "Top TV Performance Award." In addition to being a well-known singer, he is the writer of a number of hit songs.

No one need go hungry or thirsty while attending the Spring Festival and enjoying its many attractions. A number of local clubs and organizations are offering foods and drinks for sale with the proceeds going to support both service and charitable activities in the community.

Hamburgers, hot dogs, chili-burritos, corn on the cob, fried chicken, and pizza pie are a sampling of the types of food that are being sold by local groups, in addition to that which the carnival itself is offering for sale.

To help cool off, there are soft drinks, beer, wine coolers, and ice cream.



Weekend Roundup

The Commissioned Officers' Mess will feature an international menu tonight for the last Membership Night until the COM resumes such functions in the fall.

Diners may choose lasagne, spaghetti and meat sauce, tacos with refried beans, or sweet and sour pork with rice. Salad and other items also will be available. Dinner will be served from 6 to 9 p.m.

After dining, members and their guests can enjoy the music of a local, contemporary band, "Sunlight," from 9 o'clock to midnight. Tickets for the evening are \$5 for members and their families and \$6 for guests.

The indoor facilities at the COM will be closed Saturday, Sunday, and Monday of this Memorial Day weekend.

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The Enlisted Mess will be open tonight for a shrimp dinner. On Saturday, diners will be offered porterhouse steak. Dining hours on both nights will be from 6 to 9 o'clock. The indoor facilities at the EM will be closed on Sunday and Monday.

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Diners at the Chief Petty Officers' Club can choose from the regular menu or two specials tonight. Prime rib will be offered for \$9.50 and deep fried Icelandic cod for \$4.95. The CPO Club will be closed on Sunday and Monday.

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Mule Days are in full swing up at Bishop. Today's activities included a show at the fairgrounds on Highway 395, and there's still time to head north for tonight's dance at the fairgrounds.

Tomorrow's highlight will be the annual Mule Days parade at 10:30 a.m. in downtown Bishop. Shows are slated tomorrow morning, afternoon and evening, and another dance will be held tomorrow night.

On Sunday and Monday mornings those who are hungry can take advantage of pancake breakfasts before they head to the fairgrounds for more shows. Monday also will be the time that many visitors await — the horse and mule sale. (Those not interested in a four-footed purchase will be able to spend their money at the arts and crafts fair at the park in Bishop all weekend.)

Branch Med. Clinic O-in-C to speak at Navy League meeting

The next monthly meeting of the Indian Wells Valley Council of the Navy League has been scheduled on Thursday, June 9, at El Charro Avitia restaurant, 1337 N. China Lake Blvd., Ridgecrest.

Guest speaker for the evening will be LCdr. John N. Auld, officer-in-charge of the Branch Medical Clinic of the Naval Regional Medical Center.

The Navy League meeting is open to the public. Those planning to attend are asked to make reservations no later than Sunday, June 5, by calling 446-7244, 446-5488, or 375-4272.

A social hour starting at 6:30 will precede dinner at 7:30. Price of the dinner is \$7 per person for either the Mexican combination plate or chimichanga.

Basic mountaineering course to start June 7 at Training Center

A basic mountaineering course, taught by Dr. Carl Heller, of the China Lake Mountain Rescue Group, will begin on Tuesday, June 7, in Room 205 of the Training Center, and continue for six weeks.

The course will be limited to 50 persons and registration will be held at the first meeting of the class, which is scheduled on Tuesdays from 7 to 9:30 p.m. Students will be charged a \$10 fee to help cover the cost of equipment.

The class is one in which lectures on Tuesday evening will be followed by practical experience in rock climbing on Wednesdays from 5 p.m. until dark.

In addition, trips to various mountain peaks in the Sierras are planned on the weekends of July 9-10 and on July 16-17.

'NOTS South' picnic set on June 8 at Escondido

The annual "NOTS South" picnic will be held at Kit Carson Park in Escondido on Wednesday, June 8, starting at 4 p.m.

This annual no-host gathering draws former China Lake military and civilian personnel from throughout southern California, as well as many "old timers" who are currently employed.

Kit Carson park can be reached from I-15 by exiting at the Via Rancho Parkway turnoff, driving east to the second traffic light, and then turning left to Kit Carson Park.

How time flies . . .

This week's "Remember when..." column personality is Capt Jerry L. Horacek, head of Public Works Department, who reported to duty at the Naval Weapons Center two years ago.

His arrival here followed a 3-year assignment as Executive Officer of the Public Works Center at Pearl Harbor, Hawaii. His family enjoyed that travel experience with him, as they also did the three years he served in London, England, as staff engineer to the Commander-in-Chief Eastern Atlantic.

Capt. Horacek's earlier duty as Public Works Officer at Kingsville, Tex., had prepared his wife, Judy, and their two children for desert living at China Lake. Being outdoor types, they have found this to be a good area to pursue their interest in camping, fishing and hiking — all things that Capt. Horacek and his son, Jimmy, who is now 17, are particularly fond of.

In addition to Jimmy, the family includes a daughter, Jeri Lynn, 20, who will be a junior next September at the University of Nebraska, where she is studying for a degree in computer science engineering.

After 24 years in the Navy, Capt. Horacek will be retiring from the military service on July 1. His plans call for moving to San Diego and going to work somewhere within commuting distance of the border city.

NEX facilities offer variety of special sales during June

Bargain hunters will be able to take advantage of a wide range of special events and sales at stores belonging to the Navy Exchange system during the month of June.

Full month specials include: at the Automotive Service Center, an air conditioning special, which includes a check of the function and a check for leaks, for \$12.95 plus the cost of Freon, with an extra charge for additional parts and service; at the NEX retail store, 20 percent off on custom gift wrapping for graduation presents; and 20 percent off all frames for men's glasses in stock at the optical shop.

Food service specials for June are ice cream sundaes at 99 cents each in the Desert Freeze ice cream parlor, and the introduction of nachos and Cokes at other food service locations.

Other special events include a sight-and-sound sale in the stereo department that will last until June 5; a free Kodak color print from the camera counter between June 6 and July 20, and Father's Day specials offered between June 15 and 18.

From June 7 through 11, Jung Ja Chang will have an oriental concession in front of the main NEX retail store, and from June 15 through 17, there will be a picture concession operated by Loftus Arts.

Name omitted of Thrift Shop volunteer worker

Barbara Smith's name inadvertently was omitted from the photo caption identifying WACOM members who received Thrift Shop certificates that was published in last week's Rocketeer.

Mrs. Smith was recognized for more than 20 hours of volunteer service to the Thrift Shop. The Rocketeer regrets the error.

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From: _____

To: _____

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NAVAL WEAPONS CENTER
CHINA LAKE
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Contributions to Sparrow missile program basis for Technical Director Award

The NWC Technical Director's Award, based on contributions made by William Walters to the Sparrow AIM-7M program, was presented recently to Walters by B. W. Hays during a Commander's meeting held in the Management Center of Michelson Laboratory.

Walters, who is an electronics engineer in the Weapons Department's Radio Frequency Sensors Branch, received an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

He was commended for the initiative that he took in preparing and teaching a course on the Sparrow AIM-7M computer.

The compiled notes from the course, which consisted of 49 class sessions from May through December 1982, represent a new and important contribution to the AIM-7M technical literature, it is noted in the letter of commendation that accompanied the Technical Director Award.

The AIM-7M Sparrow is the first Navy air-to-air missile in which an on-board digital computer controls all the functional modes of the seeker. In view of this, "a detailed understanding of the computer is a prerequisite to a full appreciation of the missile's operational capabilities and weaknesses in clear and countermeasures environments," D. G. Bullard, head of the Weapons Department, wrote in recommending Walters for the Technical Director's Award.

New work assignments for Walters in the Advanced Common Intercept Missile-Demonstration (ACIMD) project are expected to exploit his expertise related to the AIM-7M computer and to reduce his involvement in the Sparrow missile program.

It was in order to prepare others for assuming some of his previous AIM-7M responsibilities and to acquaint ACIMD

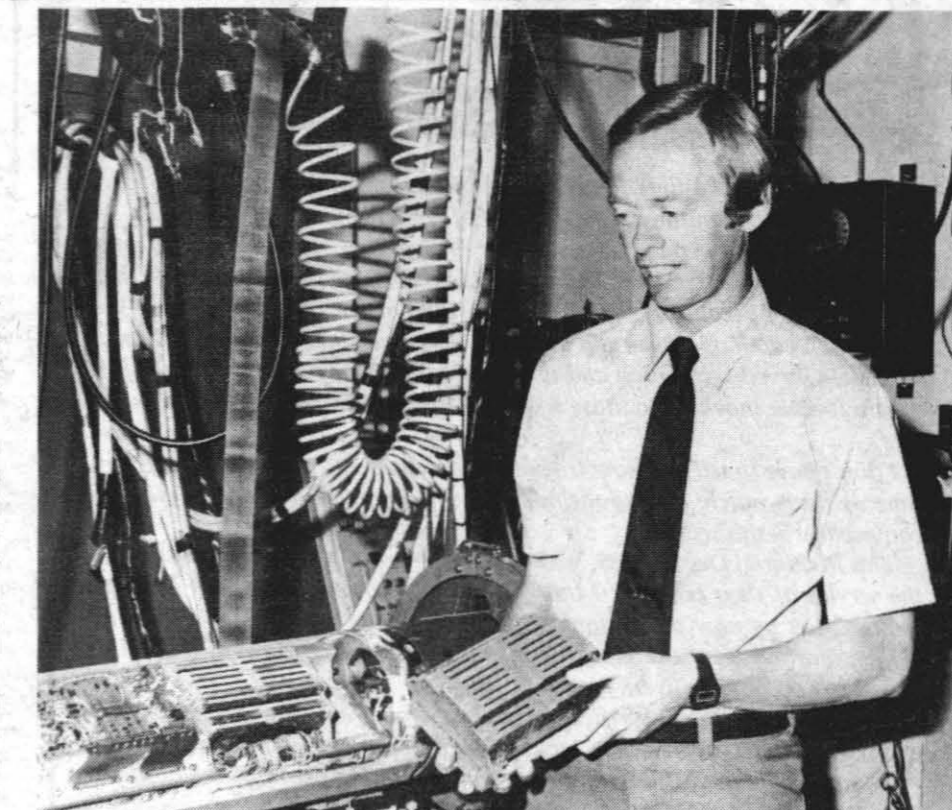
personnel with current missile seeker design practices, that Walters agreed to teach a course on the Sparrow missile computer and its interactions with other AIM-7M subsystems.

According to Bullard, "It is difficult to quantify the benefits to be derived from this course, but it is safe to assume that significant benefits will arise at least in the AIM-7M and the Advanced Intercept Air-to-Air Missile and ACIMD programs as a result of the training received by project personnel, and through Walter's past and continuing contributions to both projects."

There will be, the head of Code 39 predicts, "lasting benefits derived from the exposure of technical personnel to the practical tricks-of-the-trade used in the AIM-7M seeker design."

The latest recipient of the NWC Technical Director's Award has been employed at China Lake since 1970. He came here from

(Continued on Page 4)



EARNs SPECIAL RECOGNITION — William Walters holds a missileborne computer that is part of the Sparrow AIM-7M System Test Facility. Walters received the NWC Technical Director's Award for the outstanding job he has done of providing instruction on how the missileborne computer interfaces with the missile's hardware.

Location of elusive earthquake fault tracked

Twenty students from Santa Barbara City College plus their instructor, personnel from the Center's Applied Geoscience Research Group, and from the Explosive Ordnance Detachment joined forces recently to track the exact location of an elusive earthquake fault.

Carl Sundbeck and his students spent the third day of a four-day field trip at the Center helping to gather seismic data needed to determine where the Little Lake fault leaves NWC and crosses Inyokern Road into Ridgecrest.

(They had spent the previous two days doing resistivity, seismic, magnetic and gravity studies in the Searles Valley. The students are all completing two years of studies in geology, physics, and mathematics that lead to a geology

technician's degree, and the field trip climaxes their work.)

Under the supervision of Drs. Glenn Roquemore and John Zellmer of the Applied Geoscience Research Group, a series of 10 holes were drilled south of the SNORT Road about 2 miles from the SNORT gate. The holes were located 50 feet apart, about 300 feet south of the road.

Personnel from EOD then packed each of the 10 holes with loads of five pounds of C-4 explosive (along with a couple of extra test holes: one load consisting of three pounds of ammonium nitrate explosive and the final one consisting of 10 pounds of C-4).

When the explosives were detonated, data was gathered by 24 geophones that had been hooked up into two lines of 12 phones each, and this data was recorded on field equip-

ment in Sundbeck's truck.

By measuring the differences in length of time for the ground to shake around the perimeter, the location of the fault can be determined. The raw data is being taken back to Santa Barbara by the students, where it will be reduced and each student will be expected to write a report. Sundbeck will then condense this information into a final report that will be sent to NWC.

"This kind of a project," says Sundbeck, "is one of the rare projects in which everyone wins. The students get actual field experience, and the Navy gets information that it can use."

Dr. Roquemore is equally pleased because all information about the subsurface structure of the basin helps the Center to plan the best use of its facilities.

205 positions at stake

Studies initiated on converting civilian jobs to contractor posts

The Navy announced the initiation of detailed studies to determine the feasibility and economy of converting 205 civilian positions at the Naval Weapons Center to contractor positions. It is anticipated that another 28 positions will be added to this number in the near future.

These positions are primarily in the buildings and structures maintenance areas, although some administrative services will also be studied. Personnel in the affected areas have been notified. No military personnel are affected.

Studies involve the identification of cost of government performance and solicitation of bids or offers from the private sector for functions under study. If the work can be performed more economically by contractor personnel, actions would be initiated to transition from in-house to contract performance.

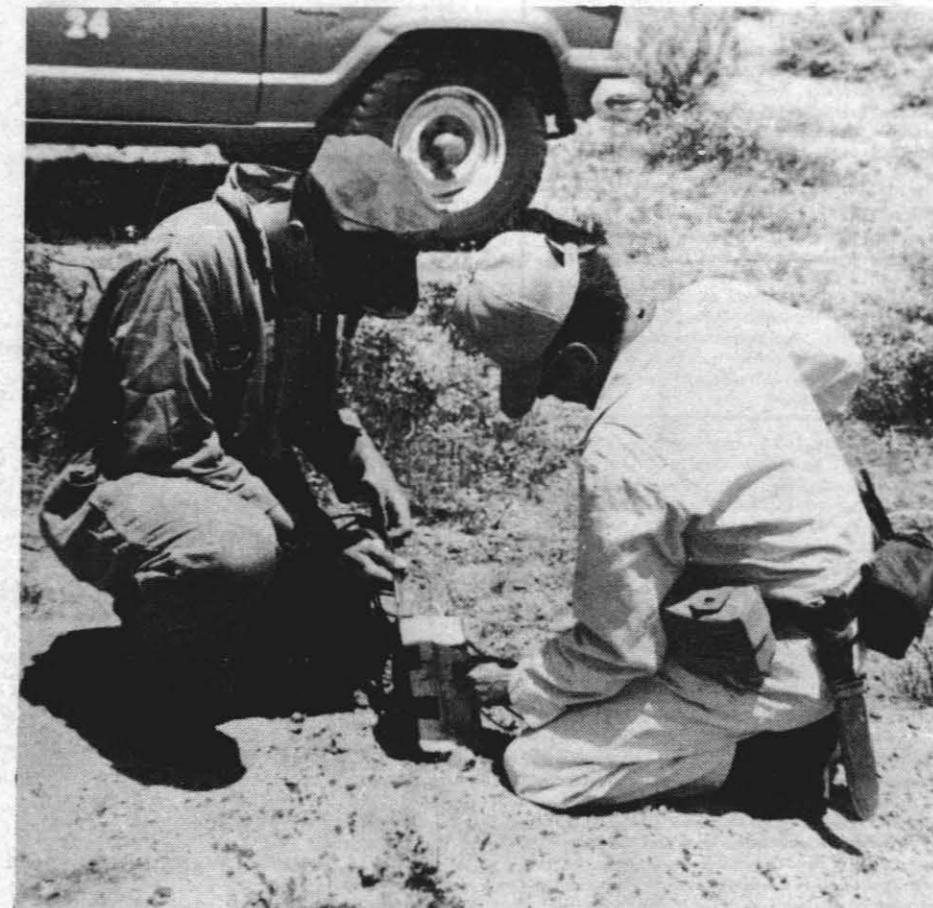
Prior to solicitation, a performance work statement specifying requirement is developed and the most efficient manner of performing the function is determined. Decisions to convert the functions to contract will be made only if significant savings

of tax dollars can be achieved. If such decisions are made, Congress and the public will be notified according to normal procedures.

Civilian personnel, if affected, would receive assistance from federal placement programs, including relocations, to obtain transfer or reassignment to other positions in the Department of Defense or to other Federal agencies at government expense, if necessary. The contractor would be required to offer vacant positions to qualified displaced Federal employees.

The cost comparison study of buildings and structures maintenance functions is expected to be complete by Sept. 30, 1984. There are 197 personnel performing these functions who are primarily located in the Maintenance Utilities Division of the Public Works Department. The additional 28 positions expected to be announced are also in the Maintenance Utilities Division.

Administrative services functions announced for study include word processing operations in the Office of Finance and Management and two positions located in the Technical Information Department.



PREPARING CHARGES — EN1 Robert McClara and ENC Robert Hutty prepare the C-4 explosive used in seismic tests held near the SNORT Road.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, SUNDAY MAY 27, 29
"THE LAST UNICORN"
(Fantasy/adventure, rated G, 84 min.)

SATURDAY, MONDAY MAY 28, 30
"SOPHIE'S CHOICE"
Meryl Streep and Kevin Kline
(Drama, rated R, 151 min.)

No additional movie listings were available at press time for the Rocketeer.

