



MEMORIAL DAY HOLIDAY FUN — Warm weather over the Memorial Day holiday weekend brought out many stay-at-homes to enjoy the outdoor swimming pools at the Naval Weapons Center. Open for the first time this year were the Minvielle Park pool (shown above), and outdoor swimming pools at the Commissioned Officers' Mess and the Chief Petty Officers' Club. All three of these outdoor pools will be open again this weekend and, starting on Saturday, June 9, will be open daily from 11 a.m. to 7 p.m. for the remainder of the summer. For those who overdo their exposure to the sun, the indoor pool at the Center gym also is available. Its current hours of operation are 11:30 a.m. to 8:30 p.m. on Monday and Friday; 11:30 a.m. to 6 p.m., Tuesday, Wednesday and Thursday; and 11 a.m. to 7 p.m. on Saturday and Sunday. —Photo by PH2 Tony Garcia

Fed'l Women's Program Committee arranges workshops on June 13, 14

On June 13 and 14, the Federal Women's Program Committee will sponsor special programs at the Naval Weapons Center. This is part of a continuing series of days devoted to the needs and interests of women in the Federal service.

Topics to be covered on Wednesday, June 13, and Thursday, June 14, will include items of interest or concern to both men and women.

Barbara Loubek and Kathy Hintz, from the Career Planning Center in Los Angeles, will present workshops in the Sidewinder Room of the Community Center on both days.

The first workshop, "Sexual Harrassment on the Job," will be held from 8:30 to 11:30 a.m. on June 13. It will be repeated on June 14 from 1:30 to 4:30 p.m.

Scope of Workshop

Participants in this workshop will learn some of the positive ways of recognizing and dealing with problems associated with sexual harassment on the job. Some of the areas that will be covered are: What is it? How does it affect self-image, work, and relationships with others? Audience participation will be the basis for the program structure.

The second workshop, entitled "Fashion, Professional Image and Personal Style," will be held from 1:30 to 4:30 p.m. on June 13 and again on June 14, from 8:30 to 11:30 a.m.

Other Areas To Be Explored

Participants in this workshop will have the opportunity to explore areas such as how clothing affects attitudes and behavior, the impact new fashion trends have on the image of the professional woman, and decision-making choices, such as being able to say "no" to the fashion industry.

Karen Altieri, Federal Women's Program Coordinator at NWC, stated that supervisors can benefit greatly from these programs and are encouraged to attend. Equal employment opportunity credit will be given attendees.

The special programs for women will be highlighted by a luncheon at the Commissioned Officers' Mess on Thursday, June 14. The luncheon speaker will be Dr. Marguerite Rogers, head of the Systems Development Department. Her subject will be "Women in Government."

Those attending may choose either a chef's salad or mock filet mignon for lunch. Reservations for the luncheon, which must be made by 4:30 p.m. on Monday, June 11, can be made by calling Eloise Burklund at NWC Ext. 2634.

Navy Exchanges provide recreation program funds

During Fiscal Year 1978, Navy Exchanges contributed more than \$36 million to the Navy recreation program, including \$18.5 million to base and station recreation funds and \$17.5 million to the Navy Central Recreation Fund.

The Navy Exchange mail order program distributed \$475,000 to ship and station recreation funds and activities where personnel made purchases from the mail order catalog.

MOVIES

REGULAR STARTING TIME — 7:30 P.M.
FOR SYNOPSIS INFORMATION CALL
CODE-0-PHONE 939-2411

FRIDAY JUNE 1
"AN UNMARRIED WOMAN"
Starring
Jill Clayburgh
(Drama, rated R, 124 min.)

SATURDAY JUNE 2
"BILLION DOLLAR HOBO"
Starring
Tim Conway and Will Geer
(Comedy, rated G, 109 min.)
1:30 Matinee — regular adm.

"THEY WENT THAT-A-WAY"
Starring
Tim Conway
(Comedy, rated PG, 102 min.)

MONDAY-TUESDAY JUNE 4-5
"CALIFORNIA SUITE"
Starring
Jane Fonda, Maggie Smith and Alan Alda
(Comedy, rated PG, 110 min.)

WEDNESDAY JUNE 6
"MAGIC OF LASSIE"
Starring
James Stewart and Mickey Rooney
(Comedy, rated G, 107 min.)

FRIDAY JUNE 8
"BUTTERFLIES ARE FREE"
Starring
Goldie Hawn
(Comedy, rated PG, 110 min.)

SATURDAY JUNE 9
"THE CAT FROM OUTER SPACE"
Starring
Ken Berry and Sandy Duncan
(Comedy, rated G, 104 min.)
1:30 Matinee — regular adm.

"THE KENTUCKY FRIED MOVIE"
Starring
James Ryan
(Action, Drama, rated R, 91 min.)

U.S. Government Printing Office:
1979—No. 29

From: _____
PLACE STAMP HERE

To: _____

Preparations for '79 summer session at Cerro Coso Community College announced

Appointments are now being made, and will continue to be made through June 15, for placement examinations that are mandatory for first-time students who wish to enroll in summer session classes scheduled at Cerro Coso Community College.

Prospective students can arrange to take the placement exam by calling the college counseling office, phone 375-5001, Ext. 34.

The summer session at Cerro Coso, which will begin on June 18 and end July 27, is primarily an intensive six-week program of classes that will meet three times as many hours per week as those during the regular semester. Students may enroll for a maximum of six units and one extra physical education activity.

Enrollment is open to all high school graduates, non-graduates over 18 years of age, and high school seniors who have written permission from their principal.

All students attending the summer session must register at the Office of Admissions and Records on College Heights Blvd. Registration will be held on June 11, 12, and 13 from 3 to 6 p.m.

Copies of the schedule of classes are

available at the college, at China Lake and Ridgecrest libraries, the Community Center, NWC Federal Credit Union in the Sierra Vista Shopping Center, Burroughs High School, and at many other business places in Ridgecrest.

Students desiring pre-registration counseling may schedule an appointment with college counselors from now through Friday, June 8.



NAVY RELIEF BENEFIT BALLET — Rear Admiral William L. Harris, NWC Commander, and his wife, Jean, couldn't resist the charm of two of the young performers who will be taking part in a Ballet Arts Theatre performance at 7 p.m. on June 9 at the Burroughs High School lecture center. The young ballerinas are Kara Kinley and tiny Kalee Knutson, who are selling tickets to their program which will be presented as a benefit to help raise money for the Navy Relief Society's annual fund campaign. Tickets are priced at \$3 for adults, \$2 for senior citizens and high school students, and \$1 for young children.



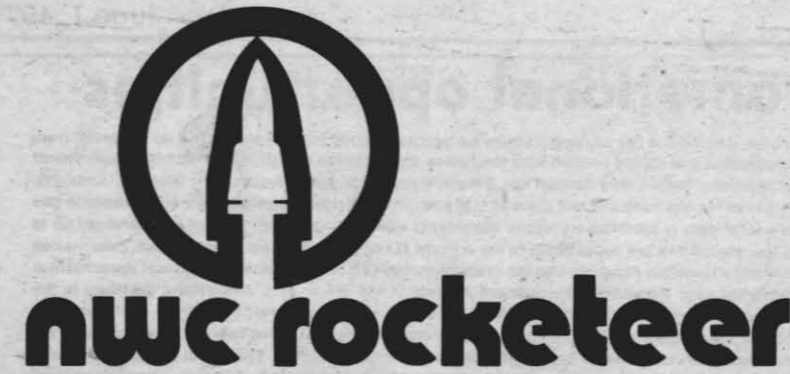
Commissioned Officers' Mess

Another gala Membership Night is planned for tomorrow evening, June 2, at the Commissioned Officers' Mess.

On stage for the listening and dancing pleasure of COM members and guests will be the Jim Morris Group, a combo from the Los Angeles area. The musicians will be performing from 8 p.m. to midnight, after a meal of baron of beef served in the dining room from 6:30 to 9 o'clock.

The price for this evening of dining and entertainment will be \$3 for members and their spouses, and \$4 for guests.

On Thursday, June 7, there will be another steak cookout on the patio of the COM. In addition to steak, the menu will include country potatoes, corn-on-the-cob, and hot biscuits and honey.



Naval Weapons Center
China Lake
California

June 1, 1979

Vol. XXXIV, No. 22

INSIDE . . .

Mobile Blood Bank Visit Scheduled 2
Thompson, McLean Awards Luncheon 3
Energy Conservation Committee 4
Navy Relief Fund Drive Continues 5
Sports 6
Fed'l Women's Program Workshops 8

Memorial Day observed in traditional fashion by program held at cemetery

As it was elsewhere throughout the country, Memorial Day was observed in traditional, time-honored fashion this past Monday at Desert Memorial Park Cemetery in Ridgecrest.

Tiny American flags marked the last resting place of former servicemen whose remains are interred at the local cemetery, and the assembly area where the Memorial Day observance was held was brightened by the red, white and blue of other American flags that were posted along with organizational banners by the representatives of the various veterans' and fraternal groups (including senior citizens) who took part in this patriotic event.

LCDR. Vet Payne, an active member of the Coast Guard Reserve and Public Affairs Officer at the Naval Weapons Center, was the principal speaker at this year's observance of Memorial Day.

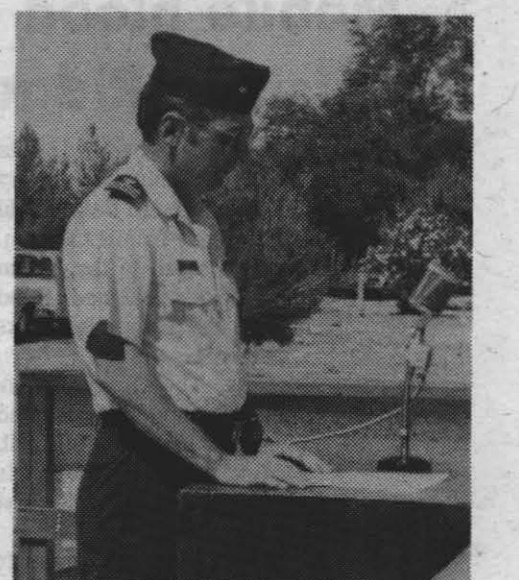
111-Year-Old Tradition

Recalling that the tradition of decorating graves of former members of the Armed Forces goes back 111 years to post-Civil War days, he began his talk by noting that the occasion which brought veterans and others together this past Monday was different in one respect than previous Memorial Day observances since, by Presidential Proclamation, the period of May 28 through June 3 had been designated Vietnam Veterans Week.

"There will long be debate as to whether we should have engaged in the Vietnam

War," LCDR. Payne commented, but then quoted a portion of the Presidential Proclamation which stressed that . . . "It is important that we remember honestly, realistically, with humility (in order that) the honor of those who died there is not tarnished by our uncertainty at the moment of their sacrifice. To them we offer our respect and gratitude."

The Vietnam War, it was pointed out by the Memorial Day speaker, was one of the most divisive in the history of America. As a consequence, lost in the tumult was the



LCDR. Vet Payne
U.S. Coast Guard Reserve
Featured Speaker

deserved recognition for those who served courageously in the Republic of Vietnam.

"It is important that we remember those who answered their nation's call in the Vietnam War with the full measure of their valor and loyalty, and that we pay full tribute at last to all Americans who served in our Armed Forces in Southeast Asia," LCDR. Payne added.

"Their courage and sacrifices in that tragic conflict were made doubly difficult by the nation's lack of agreement as to what constituted the highest duty," the speaker continued. "This, then, is the reason for Vietnam Veteran's Week."

Vietnam veterans are not being singled out, it was stressed, but instead are being honored for their service to ALL Americans in what were then extremely difficult times,

(Continued on Page 3)



NATION'S WAR DEAD REMEMBERED — Fred Trussler (in center) and Helen Walker (with hand over heart) represented the China Lake Chapter of the Disabled American Veterans and Auxiliary as they participated in the symbolic wreath-bearing ceremony during the local observance of Memorial Day. The wreath bearers from local veterans' and fraternal groups (including senior citizens) were escorted by members of the Desert Suns color guard.

NWC employee gains distinction as amateur astronomer by detecting satellite of asteroid

A major accomplishment for an amateur astronomer—the first confirmed detection of a satellite of an asteroid (minor planet)—has been credited to James McMahon, a metallurgical engineer in the Materials Engineering Branch of the NWC Engineering Department.

McMahon detected the tiny moon when it eclipsed a star.

His precise astronomical work was confirmed through observations made at the same time by Dr. Edward Bowell, a professional astronomer at Lowell Observatory, Flagstaff, Ariz.

The observations of both men were made on the early morning of Wednesday, June 7, 1978. McMahon was observing, along with several other observers in Arizona, Nevada, and California, to obtain data to determine the size of the asteroid Herculina. If at least two suitably spaced observers can accurately time both the disappearance and the reappearance of a star when an asteroid passes between the star and the observers, the size of the asteroid can be determined.

The orbit of the asteroid Herculina, like the orbits of most of the other minor planets, lies beyond the orbit of Mars. At the time of the observations Herculina was 145 million miles from Earth.

Accompanied by Carroll Evans, another NWC employee, McMahon set out on an expedition in the hope of timing the predicted eclipse by Herculina of the 6th-magnitude star having the designation "SAO 120774."

McMahon stated that, thanks to the availability of computer information, he

knew within a few minutes the time the eclipse of the star by Herculina would occur but he wasn't sure about where the best place would be to set up his telescope in order to record this event. As it turned out, his choice of a spot 3½ miles north of Kramer Junction (Four Corners), approximately 100 ft. west of Highway 395, was an excellent one.

In addition to his 4-inch aperture Newtonian telescope, McMahon's equip-



James McMahon

ment included a star atlas, a short wave radio for picking up time signals from the National Bureau of Standards, a cassette tape recorder, and a pushbutton-operated electronic tone generator.

McMahon observed the star SAO 120774 from 4:15 to 4:30 a.m. He timed the eclipse of the star by the presumed satellite of Herculina at 4:22 a.m. The duration of the eclipse was 4.0 seconds. He then timed the eclipse of the star by Herculina itself at 4:24 a.m. The duration of this eclipse was 20.6 seconds.

Dr. Bowell at Flagstaff, some 340 miles (550 kilometers) to the east, used a 42-inch

(Continued on Page 3)

Lab Commanders, Tech Directors to hold meeting here June 6, 7

A meeting of Commanders and Technical Directors of Navy Laboratories will be held next Wednesday and Thursday, June 6 and 7, at the Naval Weapons Center.

Dr. James Probus, Director of Navy Laboratories, will be here along with a sizable number of top ranking civilian and military officials. Meetings such as this one are held every six months for the purpose of exchanging views—primarily with the Chief of Naval Material — and to seek the CNM's views on common problems facing Navy laboratories.

It is anticipated that other attendees will include Admiral A. J. Whittle, Chief of Naval Material; the Honorable D. E. Mann, Assistant Secretary of the Navy; Dr. Ruth Davis, Deputy Under Secretary of Defense; Vice Admiral D. F. Emerson, Director RDT&E for the Office of the Chief of Naval Operations, and Vice Admiral F. S. Peterson, Commander of the Naval Air Systems Command.

A reception and dinner honoring the distinguished visitors will be held next Wednesday, starting at 7 p.m., at the Commissioned Officers' Mess.

Centerites wishing to attend this event can make reservations by calling NWC Ext. 3379 no later than 9 a.m. on Tuesday, June 5.



Recreation Round-up

Entry open in 3 11th Naval Dist. athletic events

Three 11th Naval District athletic events will be held later this month in San Diego. Military personnel assigned to the Naval Weapons Center are eligible to compete, and are asked to contact Paul Baczkiewicz, athletic director, by calling NWC Ext. 2334 if they are interested.

The events, the deadline for entries, and the dates they will be held are:

Sports decathlon — Tuesday, June 12, entry deadline for competition on June 26.

Women's pentathlon — Thursday, June 14, entry deadline for event scheduled June 28.

Men's and women's swimming and diving championships — Thursday, June 7, entry deadline for competition on June 21 and 22.

MDISL Tennis Tourney

Players are being sought for a team, composed of military personnel, who will represent the Naval Weapons Center in the 1979 Mojave Desert Interservice League tennis tournament that is to be held at China Lake June 15 through 17.

Military men or women interested in participating in this event have until 4 p.m. Monday to indicate this interest by calling Baczkiewicz, athletic director, at NWC Ext. 2334.

Skeet, Trap Range Open
The skeet and trap range operated by the Special Services Division is now open on Saturdays and Sundays from 8:30 a.m. to 12 noon.

Memberships are available at a cost of \$6 per year, or guests may practice their marksmanship by paying a range fee of \$1.50 per round.

Free Day of Golf
Non-members of the China Lake Golf Club will have another chance to try out the local golf course free of charge on Sunday, June 24, it was announced this week by Paul Someson, local golf pro.

The objective of this offer is to show non-member golfers the excellent condition of (Continued on Page 7)

Raiders extend win streak in men's fast pitch division

The Raiders extended their win streak to 8 games in a row last week, as they continued to fatten their lead in the men's fast pitch division of the China Lake Intramural Softball League.

The division leaders pounced on the winless Nelson Auto team 8-0, and also posted a shutout 9-0 victory over Sports Etc. The latter team was a game out of second place with a record of 3 wins and a tie at the end of last week's play.

Mike Stoner, winning pitcher for the Raiders, hurled a no-hitter in his team's win at the expense of Nelson Auto.

The Raiders tallied 2 runs in their first time at bat, added another tally in the second inning, and 5 more in the third inning of a game that was called at the end of five innings because of the 8-run lead rule.

Game's Leading Hitter
Bob Beecroft led the Raiders at the plate with 2 hits (both singles) and also scored twice.

The Sports Etc. team held the Raiders scoreless for the first three innings of their game, but the division leaders then tallied 3 runs in the fourth inning and another on a homerun by Beecroft in the fifth.

With the game pretty much going their way, the Raiders then clinched the victory with a 5-run spurge in the sixth inning. A triple by Beecroft with two men on base accounted for 2 of the Raiders' 5 runs in the sixth inning.

During two other games played last week in the men's fast pitch softball division, Sports Etc. handed a 7-3 loss to Fuller Masonry, and the latter team drubbed the cellar-dwelling Nelson Auto nine, 8-4.

Battle for Second Place
In a battle for second place in the men's fast pitch division, Sports Etc. came through with a 7-3 win over Fuller Masonry.

After four innings of play, the score was tied at 2-2, but the Sports Etc. squad then took command by scoring 4 runs in the fifth inning and added one more tally for insurance in the seventh while holding the opposing team to a single run in the sixth inning of play.

Cliff Payne led Sports Etc. at the plate — getting a pair of doubles, including one 2-base blow in the fifth inning that drove in 1 of the 4 runs scored in that inning by his team.

Warren Turnbaugh scored 2 of the 3 runs tallied by Fuller Masonry. He scored from second base on a hit by Tom Fuller in the second inning, and later (in the sixth inning) connected for a home run.

Nelson Auto scored a single run in its first time at bat in the game against Fuller Masonry and held a short-lived 1-0 lead. After that, however, Fuller Masonry went ahead 2-1 in the third inning and built up a comfortable lead of 6-1 by scoring 4 more



TURNING IT ON — Urged on by Colleen Smith (at left) third base coach for the Mary Sue's team, Tommi Daniel rounds third and heads for home to score a run in last week's women's fast pitch softball game between Mary Sue's and CSC. Third baseman for the CSC team, which won the game 14-13, is Midge Hiatt.

to their opponents.
A 3-run rally by Nelson Auto in the fifth inning wasn't enough to overcome the Fuller Masonry lead, however, since Fuller Masonry had pushed across two more runs in its own half in the fifth inning to make its final margin of victory 8-4.

Long ball hitters for Fuller Masonry were Harlan Hershey and Tom Fuller, who each had 2-base hits, while Richard Clodt was the winning pitcher.

Pizza Villa and the Ridgecrest Merchants, the two front runners in the women's fast pitch division of the China Lake Intramural Softball League, won all three of their games last week.

The Pizza Villa players, whose only loss prior to this week in the current softball season was to the Ridgecrest Merchants, clobbered the Charlie Browns 31-8 in a game that was called after the end of four innings, and outscored the Flower Shop 16-6. The Ridgecrest Merchants got in only one game last week — a 12-8 victory over Mary Sue's.

Field Day at Plate
The Pizza Villa players had a field day at the plate, getting a total of 31 hits in their abbreviated 4-inning tilt with the Charlie Browns. The score was 12-8 in favor of Pizza Villa (following a 7-run uprising in the bottom of the second by the Charlie Browns), but after that the Pizza Villa squad settled any doubt about the outcome of the game by scoring 7 runs in the third inning and an even dozen tallies in the fourth.

Karen Kirschieper had 6 hits in 6 times at the plate and scored 6 runs for Pizza Villa. Her barrage of hits included a home run, a triple, a double and three singles. Carolyn Hansen also batted .1000 for Pizza Villa with four hits (all singles) in her four times at bat.

The 10-run lead rule was imposed in the Pizza Villa's 16-6 win over the Flower Shop. Again it was a case of too much power at the plate for the Pizza Villa players compared



HEADED FOR HOME — Jane Mills, left fielder for the CSC team, heads for home to score a run for CSC in her team's 14-13 victory over Mary Sue's. The third team baseman (back to camera) is Gina Wright of Mary Sue's.

Pizza Villa was shut out for and trailed 3-0 after two innings of play, but made up for this by racking up 8 runs in the third, another in the fourth, and tallied 7 more times in the fifth and final inning.

The best the Flower Shop players could do was score 2 runs each in the second and fourth innings, plus 1 run each in the first and fifth.

Joe Dunnick, who was 3 for 3 (2 singles and a double) led the Pizza Villa team in the hitting department.

Hard-Fought Contest

The Ridgecrest Merchants had a battle on their hands during the first 4½ innings of their 7-inning tilt against Mary Sue's. The Merchants, who started off strong by scoring 6 runs in their first time at bat, added another tally in the last half of the fourth, but the Mary Sue's team stayed right with the league leaders — getting a single run in the first inning and 6 more tallies (3 each in the second and third) to take a 7-6 lead in the top of the third inning.

Following that turn of events, the Merchants tied the score at 7-7 during their turn at bat in the bottom of the third and then added 4 more runs in the fifth. Each team tallied a single run in the sixth inning of the game that ended in a 12-8 victory for the

(Continued on Page 7)

Military teams to vie in Admiral's Cup slow pitch softball

A 3-team playoff to determine the winner of this year's Admiral's Cup slow pitch softball competition will be held tomorrow at Schoeffel Field.

In the curtain-raiser at 8 a.m., it will be VX-5 vs. the NWC Gold team, followed at 10:30 a.m. by the NWC Gold vs. NWC Blue tilt.

In the final game of the day, the teams representing NWC Blue and VX-5 will collide.

At press time, players were still being sought to round out the rosters on all three teams. Military personnel interested in taking part in Admiral's Cup slow pitch softball games should contact the following player-coaches:

Roy Tefft, NWC Blue, ph. NWC Ext. 5496; Pete Whipple, NWC Gold, ph. NWC Ext. 3314; or John Smith, VX-5, ph. NWC Ext. 5274.

At the present time, with just slow pitch softball and a track meet to be held to wind up the 1978-79 Admiral's Cup athletic competition, NWC Blue has a comfortable lead of 36 to 29 over NWC Gold, and VX-5 is trailing with 24.

First place is worth 5 points, 3 are added for second and 1 point is awarded for third place in each Admiral's Cup event. NWC Blue can clinch the Admiral's Cup by placing no worse than second in softball and track.

Amateur astronomer gains distinction . . .

(Continued from Page 1)
aperture telescope with a recording photometer. Dr. Bowell also timed the eclipse of the star SAO 120774 by the satellite as well as the eclipse by Hercules itself.

Another amateur observer, Keith Horne of Pasadena, visually timed the eclipse by Hercules from a site near Rosamond. However, Horne at his location observed no eclipse of the star by the satellite of Hercules. This fact is consistent with the results of McMahon and Bowell.

From the timings of the three observers, the astronomers concluded that the mean diameter of the asteroid Hercules is 135 miles. From the timings of McMahon and Bowell, the diameter of the satellite of Hercules is 28 miles. The projected distance from the asteroid to its satellite at the time of the observations was 607 miles.

Multitude of Stars Visible
According to McMahon, he can see 130,000 stars with his small telescope in a clear, dark sky. It took the use of his star atlas, coupled with the knowledge, experience, and skill he has gained over the years to expeditiously find and identify the exact star, SAO 120774, which had been predicted to be eclipsed by Hercules.

McMahon reported this first confirmed detection of a satellite of an asteroid in a paper entitled "The Discovery of a Satellite of an Asteroid" during the Astronomy West '78 Conference held last July 27 to 30 in San Luis Obispo, Calif. His paper was published in the "Minor Planet Bulletin" of the Association of Lunar and Planetary Observers in November.

McMahon's paper has been cited, directly or indirectly, in numerous other publications and has generated worldwide interest in observing eclipses of stars by minor planets. An additional result has been a renewed appreciation, again worldwide, of what can be accomplished with even modest equipment by dedicated amateur astronomers.

Award Presentation Stated
For his efforts, McMahon is now scheduled to receive the Amateur Achievement Award of the Astronomical Society of the Pacific. Presentation will take place during a national meeting of amateur astronomers at the University of Portland in Portland, Ore., Aug. 16 to 19.

McMahon began work for the U.S. Naval Ordnance Test Station, (forerunner to the Naval Weapons Center) at the NOTS Pasadena Annex in 1953, but transferred to China Lake in 1954. Upon his arrival here, he started going out on weekends to observe the stars during those times when "star gazing" was likely to be at its best, and he has been doing so ever since.

Pioneer of rocket work at NOTS dies in jetliner crash
The nation's worst commercial airline crash in history, which occurred during the take-off of a DC-10 jetliner from Chicago last Friday, claimed the life of one of the pioneers of rocket design work at the U.S. Naval Ordnance Test Station (forerunner to the Naval Weapons Center).

Among those who died in the crash which killed more than 270 persons were W. R. (Bill) Nary, and his wife, Julie. Nary worked at NOTS, China Lake, from 1946 through 1950 during which time he contributed to the development and production engineering of small caliber rockets (including the 2.75 in. rocket) while employed in the old Rockets and Explosives Department.

When he left China Lake, Nary transferred to the newly formed Design and Production Department at the NOTS Pasadena Annex — a group that later (in 1954) moved back to China Lake as the Engineering Department then headed by K. H. Booty.

Nary, however, elected to stay in Pasadena with the Quality Engineering Division and subsequently transferred to the Underwater Ordnance Department where he continued production engineering work on rockets and torpedoes. He retired in 1974 when the Pasadena Annex was closed down and its functions were transferred to San Diego.

Nary's wife, Julie, also had worked at the Pasadena Annex, and they both had a wide circle of friends among NOTS, China Lake, and Pasadena Annex old timers.

Two retired NWC employees, John Cox and Ted Lotee, expressed similar feelings about the death of Nary, who they remember for his warm and friendly approach to all, and for his loyalty and dedication to his work.

Billets open in Naval Air Reserve unit here

Openings currently exist for both officers and enlisted personnel interested in becoming members of Naval Air Reserve Support Unit 0176, which holds its drills on the first weekend of each month.

NAVAIR NWC Support Unit 0176 meets on the second deck of Hangar 3 at Armitage Air Field.

Men and women interested in obtaining more information on the billets that are available in this Naval Air Reserve unit should call PO2 Harriet Parcher tomorrow or Sunday at NWC Ext. 5462 or 5464.



SOLEMN MOMENT — The invocation, delivered by Capt. F. E. Whitaker (at left), NWC senior chaplain, briefly but eloquently set forth the significance of observing Memorial Day. Others on the speakers' platform are B. E. "Dutch" Church, master of ceremonies, and Lois Galvin (at right), who introduced Church at the start of the program.

Memorial Day program held in Ridgecrest . . .

(Continued from Page 1)

LCdr. Payne said. Memorial Day is a time to pause and reflect on why this occasion is set aside to honor those fallen comrades in arms in all wars, LCdr. Payne noted as he pointed out that, since its founding days, this nation (by destiny rather than choice) has become the "watchman on the walls of world freedom."

Despite the strength of America, this nation's adversaries have not abandoned their ambitions, and therefore this country cannot relax its vigilance if it is to be in the position of doing whatever is necessary for the preservation and promotion of freedom, LCdr. Payne stated in his Memorial Day address.

Leaders in Times of Crisis
Reviewing the nation's past history, he cited times of great crisis when leaders came forward to grasp the helm of state and guide the country through the troubles which beset it. Mentioned were Presidents George Washington, Thomas Jefferson, Abraham Lincoln and, more recently, John F. Kennedy who was in charge when the Cuban missile crisis first came to light.

"In addition to having courageous American leaders, we must have a strong military force in today's complex world," the speaker stated as he urged those present to communicate their views to Congress on the necessity for the U.S. to maintain a strong defense posture.

"O Lord, Thou who are our God and our Father's God, we have assembled ourselves to honor Thee and the memory of those who fought and died that we may have another chance to make this world a place of brotherhood and understanding," Chaplain Whitaker began.

He reminded his listeners of the need to rededicate themselves "to the task of finishing their work, so gloriously begun, in

Thompson, McLean Awards luncheon scheduled June 8
The L. T. E. Thompson Award and William B. McLean Award will be presented next Friday, June 8, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess, starting at 11:30 a.m.

The L. T. E. Thompson Award is the Center's highest recognition for outstanding individual achievement. It is given for notable contributions to the advancement of ordnance toward fulfillment of the mission of NWC and thus the forces of the U. S. Navy.

The William B. McLean Award was established to recognize outstanding creativity among employees in furthering the mission of the Center, as evidenced by significant inventions.

Reservations for the awards luncheon may be made by calling NWC Ext. 2634 before 4:30 p.m. next Thursday, June 7.



RIFLE VOLLEY FIRED — A volley of rifle fire echoed over the Desert Memorial Park Cemetery at the conclusion of the Memorial Day observance which included a rifle salute and the playing of "Taps." The fire squad, composed of members of the NWC Sidewinder drill team, was directed by AZ1 John McClain.



RIBBON CUTTING — Capt. F. H. M. Kinley, NWC Vice Commander, cuts a ribbon during a ceremony held to celebrate the opening of the new Mission Control Facility, a radar control site near "G" Range. Other participants in the ceremony were (l.-r.) William R. Hattabaugh, head of the NWC Test and Evaluation Directorate; Bob Hillyer, NWC Technical Director; and AC1 Charles Fulks, senior aircraft controller. The new facility, which comes under the Range Operations Division of the Aircraft Department, will have surveillance of all airspace over the NWC ranges. —Photo by Ron Allen

1,580 NWC employees take part in blood pressure checkup program

Free blood pressure checkups were given to 1,580 persons during the Naval Weapons Center Employee Assistance Program's (EAP) clinics held on May 17 and 24. The free checkups were given in Michelson Laboratory and at the Enlisted Mess by the Ridgecrest Hospital Home Health Coordinator, Mrs. Joan Gage, and her assistants. Higher than normal blood pressure was recorded in 8.4 percent of the 1,580 persons who were checked. The breakdown of statistics is as follows: Michelson Lab main lobby — 767 men checked of whom 9.8 percent had high blood pressure readings; 209 women checked, 9 percent with higher than normal blood pressure. Michelson Lab First Aid Station — 64 men checked, 15.6 percent over normal; 23 women checked, 6.7 percent with blood pressure on the high side. Enlisted Mess — 208 men checked, and 5.3 percent found with high blood pressure; 309 women of whom 3.6 percent had high blood pressure readings. At the time of the free checkups, persons with higher than normal blood pressure were advised by the nurses to consult a

doctor. EAP volunteers Toni Baker and Dianne B. Murray, who made the arrangements for the local program, stated that they were very pleased with the turnout at the two sessions. "We especially wish to thank Mrs. Gage and her group for their excellent support as well as members of the various media on and off Center," Ms. Murray said. **Natl. exec. director of FMA to speak at luncheon on Tuesday** Bun Bray, national executive director of the Federal Managers' Association (FMA), will be the guest speaker at the next meeting of FMA Chapter No. 28 of China Lake. Bray, whose office is in Washington, D.C., will speak at a luncheon to be held on Tuesday, from 11:30 a.m. to 12:30 p.m. at the Enlisted Mess. His general subject will be "The Changing Washington Scene and the FMA's Role." Subjects likely to be covered by the FMA executive director are Civil Service Pay Reform, the Universal Retirement System (proposed merger of the Civil Service Retirement System and Social Security) and the Office of Budget and Management's Circular A-76, which pertains to a review of commercial or industrial type functions to determine if the potential exists for them to be contracted out to the private sector. The FMA meeting will be held from 11:30 a.m. to 12:30 p.m. The luncheon menu will offer a choice of chicken fried steak or chef's salad for \$2.25. Those interested in attending are asked to make reservations no later than Monday by calling any of the following Centerites: Dennis Rowell, NWC Ext. 3791; Brandi Williams, NWC Ext. 2717; Donna Gonder, NWC Ext. 3486; or Glenn Johnson, NWC Ext. 7558. **For future reference, save trouble call chit numbers** The Public Works Department's Maintenance-Utilities Division stated this week that offices should retain chit numbers assigned when trouble calls are placed with them for repairs. The chit number is important because it must be referred to by the Trouble Desk when offices place future calls for the same repair work.

Energy conservation efforts produce results

Cynics comment that the best way not to accomplish a task is to assign it to a committee. Proving that such cynics are wrong are the accomplishments of NWC's Energy Conservation Committee. In the less than three months since the committee was formed, a series of conservation measures have been addressed and implemented. The aim of these measures is to cut the usage of energy on the Center without adversely affecting either the mission of the Center or morale of Center personnel. The committee, whose members are Capt. F. H. M. Kinley, Dr. Frank Cartwright, John DiPol, Leroy Marquardt, and Capt. R. B. Wilson, meets each Friday morning to consider the Center's energy situation. Recreational lighting was the first major energy requirement examined by the committee, which met with personnel from both Special Services and Public Works to agree on needs and guidelines that were then presented to users of the various

recreational facilities and to the Recreation Council. These groups agreed that the suggested cuts could be made without affecting the quality or safety of the athletic programs, and a vigorous enforcement of the new lighting standards began. **Game Conditions Improved** Schoeffel Field, for instance, has been relamped with a marked saving of electricity resulting over its prior lighting. Neither the safety nor the comfort of players has been adversely affected by the reduction of lights; in fact, many players find that the new lights are actually an improvement because of reduced glare. A major saving of electricity is resulting from the next of the committee's recommendations — that of relighting all Center work areas to meet with the ALNAV standards promulgated by Secretary of the Navy Claytor. The relighting of the Public Works complex, the Administration Building, and portions of Michelson Laboratory, the areas

completed to date, has resulted in a potential load reduction of more than 500 kilowatts. Assuming usual usage, this represents over a million kilowatt hours per year and a yearly savings of \$42,000. Not all of the committee's studies result in action taken. Sometimes it is found that what might appear to be an energy-saving measure is not. For instance, a study was made to determine whether Tropic Hours (a work day of 6 or 6:30 a.m. to 3 or 3:30 p.m.) would be an effective conservation measure. When the study on Tropic Hours was complete, it was determined that the saving of energy was small in comparison to the stress and inconvenience that the change in hours would cause many Center personnel. As a result, Tropic Hours were not adopted. Each Friday morning another problem is addressed. While solutions are not always immediate, discussing the problem and viewing it from the standpoint of the varied expertise of the committee members does bring it one step closer to being solved. Each problem solved brings the Center closer to meeting its mandated energy reduction goals.

Center's Upward Mobility Program register re-opened for one week

The Naval Weapons Center' Upward Mobility Program register was re-opened today and will remain open through next Friday, June 8. Those who applied during the period of April 27 through May 4 need not reapply. Applications will be accepted from current Navy employees in grades GS-1 through GS-9 and their trades/crafts equivalent (WG-1 through WG-9) who have completed the 90 days time-after-competitive appointment, VRAs who have completed the first year of training and employees on handicap appointments under Sch. A 213.3102 (U) and Sch. A 213.3102 (T). For the purpose of this register, time-after-competitive appointment and the first year of training requirement must be met by Oct. 1. Those employees who are currently on the Upward Mobility Program register MUST re-apply for this session if they still wish to be considered for Upward Mobility positions. Because of changes that have been made to the assessment process, all applicants will participate in the entire process. It should be noted that there are some

AIAA to install officers at dinner meeting on June 8

A new slate of officers, headed by Tony San Miguel as chairman, will be installed next Friday, June 8, during a dinner meeting of the China Lake Section of the American Institute for Astronautics and Aeronautics (AIAA). San Miguel, a mechanical engineer in the Applied Technology Branch of the Ordnance Systems Department, will replace Dr. Russell Reed as chairman of the China Lake Section of AIAA. Featured speaker at the AIAA dinner meeting and installation will be Jerry Reed, associate head of the NWC Range Department, who served for a year as an American Political Science Associate in the 95th Congress. A social hour will precede the AIAA dinner, which is scheduled to get underway at 7 p.m. next Friday at the Commissioned Officers' Mess. The installation ceremony and program will follow at 8. Tickets, priced at \$8 per person, can be ordered no later than Tuesday by calling any of the following: San Miguel, NWC Ext. 7303; Dr. Reed, NWC Ext. 2904; Carter, NWC Ext. 2627; or Serpanos, NWC Ext. 3340.

changes in the Job Relevant Criteria. Applicants will be assessed for potential in the following areas: Ability to express one-self orally; ability to express one-self in writing; ability to interpret and apply instructions and procedures; initiative; analytical ability; flexibility/adaptability; ability to work independently; dependability; and interest in electronics (only used for Electronic Technician positions). Ratings for Upward Mobility Program positions will be based on supervisory appraisals, information questionnaires, an assessment center interview and exercises, and job element crediting plans. **Upward Mobility Assessment Process** An orientation is scheduled on two different days. It will cover all aspects of the Upward Mobility Program. The scheduled dates are June 22 and 29 from 8 a.m. to about 10:30 a.m. The orientation will be held at the Community Center. At that time, applicants will receive the information questionnaire. The information questionnaire must be returned to Code 094 no later than July 13. ALL applicants must attend one or the other orientation session. Those requiring assistance in completing the questionnaire should contact the Equal Employment Opportunity Office by calling NWC Ext. 2348. The assessment process will be held during the month of August. There will be several sessions beginning on Aug 6. Applicants will be required to attend a two-day assessment session sometime during the month of August. Answers to questions, or additional information about the Upward Mobility Program, can be obtained by calling NWC Ext. 2657. **Home auto maintenance class offered at college** A course in Home Maintenance of Vehicles will be offered during the summer session at Cerro Coso Community College to provide students with the basic skills of automotive maintenance. Classroom sessions will be held on Monday and Wednesday from 6 to 8:50 p.m. in the Cerro Coso City Center, 735 Ridgecrest Blvd., from Monday, June 18, through Wednesday, July 25. Registrations for the the automobile course will be held in the college Office of Admissions and Records on June 11, 12, and 13, from 3 to 6 p.m.



NAVY RELIEF DONATION — Capt. F. H. M. Kinley, NWC Vice Commander, makes a donation to the Navy Relief Society Fund Drive currently in progress at China Lake to Lcdr. Ed Biggs (left) and Lcdr. Ted Faller, co-chairmen of the campaign. Each Ms. Navy Relief contestant will receive an equal number of votes from the Vice Commander's donation. —Photo by PH2 Tony Garcia

Navy Relief Fund Drive at NWC extended; will end on June 13

The Navy Relief Fund Drive at the Naval Weapons Center has been extended a week to Wednesday, June 13. The latest report on the progress of the drive issued Tuesday shows 1,021 contributors donating \$2,151.95 to the campaign. Two hundred and sixty-six military donors have given a total of \$744.45, while 755 civilian contributors have given \$1,377.50. The leading contenders for the title of Ms. Navy Relief are in alphabetical order, Gail Cormier, Sharon Gamble, Bonnie Lamb and Julie Star. Lcdr. Ted Faller, co-chairman of the Navy Relief Fund Drive, said that not all votes were in and the standings in the Ms. Navy Relief contest could change at any time. In any case, the winner will not be announced until the VX-5 vs. NWC slow pitch softball game which has been rescheduled tentatively for Wednesday, June 13, at 2:30 p.m. The lineups for the softball game are expected to be announced in the next issue of THE ROCKETEER. Turn-ins from the various departments have included the following: Code 00/01/02, \$24; Code 03, \$122; Code 08, \$3; Code 09, \$42; Code 12, \$78; Code 21, \$167; Code 23, \$75.50; Code 25, \$200; Code 26, \$197; Code 31, \$324; Code 32, \$38; Code 33, \$69.50; Code 35, \$29; Code 36, \$115; Code 38, \$17; Code 39, \$36; Code 06, \$15; Code 62, \$170; Code 93, \$66; Code 94, \$116; Code 95, \$12.50; and VX-5, \$235.45. The money collected in the Navy Relief Fund Drive will help the Navy Relief Society provide assistance to servicemembers and their families in time of need as either outright grants or as interest free loans. Among the many reasons money is loaned by Navy Relief is for assistance with emergency transportation needs when the tragedy of serious illness or death in one's immediate family strikes. In cases such as this a servicemember might not have on hand the unexpected cost of emergency air fare. Last year, on a national basis, Navy Relief provided nearly one million dollars in assistance to help servicemembers or their spouses under these circumstances. China Lake Navy personnel needing assistance in emergencies may visit the Navy Relief Society office (Bldg. 880 on King St., next to the Enlisted Dining Facility) between 11 a.m. and 2 p.m. on Mondays, Wednesdays and Fridays, or telephone 446-4746 for help.

Promotional Opportunities. . .

(Continued from Page 2) including remote terminals, tapes, sorters, and facilities. Will be department's specialist in surveillance equipment, responsible for purchases and installation of such equipment: CCTV, intrusion alarms, etc. Corollary duties of the job are serving as NWC specialist in hostage negotiation and provide some administrative services for the department in the areas of budgeting, personnel and equipment utilization. **Job Relevant Criteria:** Knowledge of general physical security practices; knowledge of computer physical security techniques; knowledge of surveillance equipment availability on the open market and its uses; knowledge of NWC, Navy, DoD, and related regulations/law in security field. Ability to think/perform in highly stressful situations (e.g. hostage negotiation); ability to communicate effectively, both orally and in writing. **File applications for the above with Nancy Saxton, Bldg. 34, Rm. 206, Ph. 3118.** **Mathematics Technician, GS-1521-8, PD No. 7931099, Code 3173 —** This position is located in the Systems Environmental Effects Branch, Survivability and Lethality, Surface Targets Division, Systems Development Department. Incumbent applies mathematical and statistical techniques to the evaluation of data. Duties also encompass the test and modification of computer programs. **Job Relevant Criteria:** Knowledge of college level algebra and trigonometry; knowledge of FORTRAN programming techniques and system control languages of the UNIVAC 1110, WANG 2200 and PDP 11/34; knowledge of terminology related to various weapon systems and to the evaluation of environmental effects on weapon system performance. **File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.** **Clerk-Typist, GS-322-3/4, PD No. 7433017, Code 3332 —** Applications will be accepted from status eligibles. This position is located in the Surface-Launched Engineering Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will provide secretarial services to the branch head and clerical support to branch members. Duties include receiving visitors and phone calls; handling branch correspondence; scheduling appointments for the branch head; maintaining files, control records, etc. **Job Relevant Criteria:** Ability to type accurately and efficiently; knowledge of Navy correspondence regulation and format; ability to work effectively with all levels of personnel; ability to handle a variety of clerical duties concurrently. **Electronics Technician, GS-856-11, PD No. 7433024N, Code 3332 —** Applications will be accepted from status eligibles. This position is located in the Surface Launched Engineering Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will be a member of an engineering staff engaged in the design, development and evaluation of fuze systems for guided missiles. Duties include testing, evaluating and improving electrical, electronic and mechanical fuze systems components. Conducting evaluation tests of fuzes and their components. Collecting and analyzing data and preparing reports of security and classification management; ability to com-

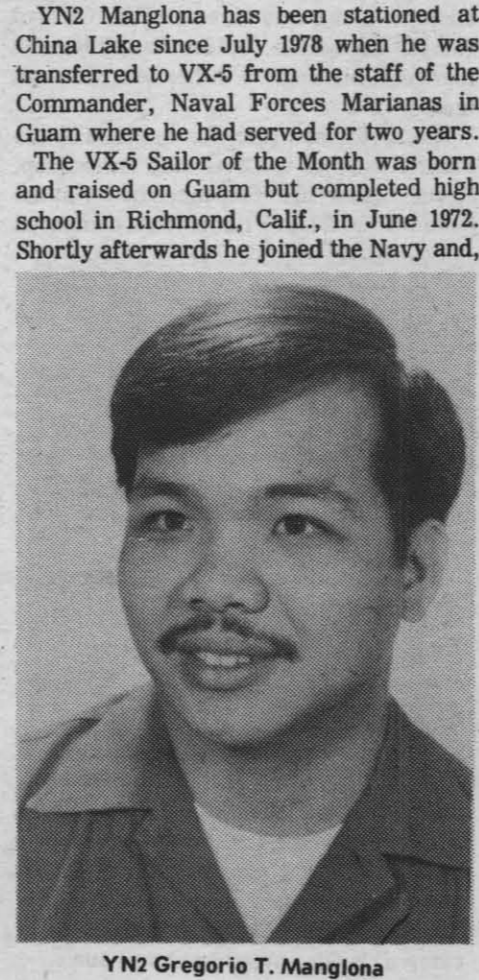
municate effectively orally and in writing; ability to coordinate and integrate the work activities of several organizational segments or several different projects. **File applications for the above with Nancy Saxton, Bldg. 34, Rm. 206, Ph. 3118.** **Mathematics Technician, GS-1521-8, PD No. 7931099, Code 3173 —** This position is located in the Systems Environmental Effects Branch, Survivability and Lethality, Surface Targets Division, Systems Development Department. Incumbent applies mathematical and statistical techniques to the evaluation of data. Duties also encompass the test and modification of computer programs. **Job Relevant Criteria:** Knowledge of college level algebra and trigonometry; knowledge of FORTRAN programming techniques and system control languages of the UNIVAC 1110, WANG 2200 and PDP 11/34; knowledge of terminology related to various weapon systems and to the evaluation of environmental effects on weapon system performance. **File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.** **Clerk-Typist, GS-322-3/4, PD No. 7433017, Code 3332 —** Applications will be accepted from status eligibles. This position is located in the Surface-Launched Engineering Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will provide secretarial services to the branch head and clerical support to branch members. Duties include receiving visitors and phone calls; handling branch correspondence; scheduling appointments for the branch head; maintaining files, control records, etc. **Job Relevant Criteria:** Ability to type accurately and efficiently; knowledge of Navy correspondence regulation and format; ability to work effectively with all levels of personnel; ability to handle a variety of clerical duties concurrently. **Electronics Technician, GS-856-11, PD No. 7433024N, Code 3332 —** Applications will be accepted from status eligibles. This position is located in the Surface Launched Engineering Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will be a member of an engineering staff engaged in the design, development and evaluation of fuze systems for guided missiles. Duties include testing, evaluating and improving electrical, electronic and mechanical fuze systems components. Conducting evaluation tests of fuzes and their components. Collecting and analyzing data and preparing reports of security and classification management; ability to com-



ENERGY CONSERVATIONISTS — During weekly meetings held each Friday, members of the Naval Weapons Center's Energy Conservation Committee put their heads together to consider measures that can be taken in the effort to reduce energy consumption on the Center. The committee members are (seated, l.-r.) John DiPol, Leroy Marquardt, Capt. F. H. M. Kinley, chairman, and Capt. R. B. Wilson. Dr. Frank Cartwright, another member of the committee, was unable to be present for the photo. Looking on at right is Dick Fulmer, head of the Energy Program Office at NWC. —Photo by PH2 Tony Garcia

YN2 Manglona singled out as VX-5 Sailor of Month

Yeoman Second Class Gregorio T. Manglona was selected as Sailor of the Month for April by Air Test and Evaluation Squadron Five. The letter of commendation to YN2 Manglona, signed by Cdr. N. B. Nash, VX-5 Executive Officer, noted "you are efficient, organized, and always willing to assist anyone with a problem." The letter continues, "While assigned as the Administrative Office supervisor and officer records yeoman, you have exhibited the highest degree of professionalism and maturity. Your cheerful 'can do' attitude contributes greatly to morale. Always ready with a smile, you possess the leadership qualities that motivate your personnel, and make them more eager to work for you." It also noted that YN2 Manglona always completes assigned tasks, quickly, completely and accurately. "Eagerly accepting additional responsibilities, you have made yourself an invaluable asset to this squadron. Your friendly, outgoing personality, and willingness to listen, make it easy for your personnel to talk to you. Your pride in the Navy, your work, and your military appearance are obvious, and set a fine example for all. My congratulations and 'Well Done,'" the letter from Cdr. Nash concludes.



YN2 Gregorio T. Manglona

YN2 Manglona has been stationed at China Lake since July 1978 when he was transferred to VX-5 from the staff of the Commander, Naval Forces Marianas in Guam where he had served for two years. The VX-5 Sailor of the Month was born and raised on Guam but completed high school in Richmond, Calif., in June 1972. Shortly afterwards he joined the Navy and following recruit training at the Naval Training Center, San Diego, he was assigned duty aboard the training aircraft carrier USS Lexington (CV-16) at Pensacola, Fla. While aboard the USS Lexington he was nominated for Sailor of the Month honors for his outstanding performance of duty as division and department yeoman. He left the aircraft carrier in June 1974 for duty aboard the destroyer USS Richard S. Edwards, homeported at Pearl Harbor, Hawaii, for a two year tour. As a result of successfully passing the March 1979 Navy-wide examinations for advancement in rate, Manglona expects to be frocked as a yeoman first class sometime in July. He and his wife, Francis who is also from Guam, are the parents of a 16-month old son named Roland. They live in quarters aboard the Naval Weapons Center. As a result of his selection as VX-5 Sailor of the Month, YN2 Manglona will enjoy one month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar. He will also receive a plaque, and his photo will be displayed along with those of other squadron Sailors of the Month.

Managers' role in Navy safety program subject of briefing

Personnel from the staff of the Naval Sea Systems Command's Safety School will be here on June 8 to conduct a Navy safety program briefing that will be held from 8 a.m. to 3:30 p.m. in the Training Center. The role of the mid-level manager in the Navy safety program will be emphasized during presentations on accident prevention, the purpose of occupational health programs, and an introduction to safety principles. Topics to be covered will include an overview of safety problems from both a historical and present-day perspective; safety concepts and decision making; the Navy Department's Accident Prevention, Safety and Occupational Health Program; and the roles and responsibilities of Navy managers in the accident prevention, safety and occupational health program. Employees interested in attending this briefing must submit a training request and authorization form via proper department channels in time for it to reach Code 094 no later than today.