

Cast for 'How To Succeed in Business Without Really Trying' named by CLOTA

The cast of "How To Succeed in Business Without Really Trying," the summer production of the Community Light Opera and Theatre Association, has been announced by Director Elena Vitale.

Heading a talented group of experienced thespians and promising newcomers are Tom Lehmann as Finch and Nancy Miller Nowak as Rosemary. Both young people got their start in Burroughs High School drama productions and both have appeared in numerous CLOTA shows since their graduation.

Lehmann, who will play the "Bobby Morse part" in "Succeed," won CLOTA's Best Actor award last year for his portrayal of Witch Boy in "Dark of the Moon." Mrs. Nowak also filled a major role for CLOTA last year, as she played June in "Gypsy."

Cast as Smitty, Rosemary's best friend, is Cynthia Harris, who just picked up a Best Actress award from the Kern County Drama Festival for her role as Mama in "Raisin in the Sun," a China Lake Players' production directed by Miss Vitale. The

Next 'Membership Night' program set by COM on June 9

Another festive "Membership Night" program has been scheduled next Friday, June 9, at the Commissioned Officers' Mess.

This is to be a barbecue steak cook-out affair that will be topped off by country-western music and a floor show featuring Jimmy Dee, popular musical recording artist and his band from Nashville, Tenn.

COM members and their guests will dine on top sirloin steak with all the trimmings at a nominal cost of \$3 per person. Cocktails and dinner will be served from 6 to 9 p.m., and dancing and entertainment will follow.

Jimmy Dee, who looks and sings like Johnny Cash, will be the star of a floor show that is scheduled at around 10 p.m.

One of the fastest rising entertainers to hit the scene recently in the country and western music field, Dee has performed in nearly every state in the U.S. and in more than 10 foreign countries, including Germany, Japan, Taiwan, the Philippines and Korea. He has pursued his musical career on radio and television, in night clubs and at state fairs.

Among his popular song recordings are "Trying Not To Cry," "Please Don't Go," "He Took You Today," "Lonesome Heart," and "The One I Love."

Early reservations for the COM's next "Membership Night" party are requested, and can be made by calling Jan Fena or Louise Miller at 446-2549.

Because of a private party, the COM will be closed to members on Saturday night, but a varied menu that will include prime rib, surf and turf and crab legs will be featured this evening, which is "Diners' Night."

Exhibit of old watches, clocks slated tomorrow

An exhibit of clocks and watches, circa 1800 to 1900, has been scheduled tomorrow, from 10 a.m. to 4 p.m., in the Friendship Room at the 1st Federal Savings and Loan Association Building, 111 N. Balsam St., Ridgecrest.

This exhibit has been arranged by the High Desert Chapter of the National Association of Watch and Clock Collectors. There is a donation of \$1 per person for admission, with all proceeds designated as a contribution to the Maturango Museum building fund. Children under 12 years of age will be admitted free of charge if accompanied by an adult.

At 11 a.m. and again at 2 p.m., a film slide program about old watches and clocks will be presented.

While this is primarily an exhibit, some of the old watches and clocks will be up for sale.

part of Hedy, an Elizabeth Ray type of role, will be played by Sandee Schwarzbach, also a familiar face to local theater-goers.

Competing with Finch as he ascends the corporate ladder will be Mike Walker as Bud, the boss' nephew. Walker, who has been in numerous local productions, is just completing a year of work and training in the theater of Sweden.

CLOTA's Best Supporting Actor award last year went to Bill Altieri for his part as the preacher in "Dark of the Moon." Altieri also has been cast in "Succeed," and will be seen in the role of Biggley.

Other name parts will be filled by Karen Altieri as Miss Jones, Kathy Schimpf as Miss Krumholtz, Tony Taylor as Bratt, Robbie Robbins as Gatch, Reno Venturi as Twimble, Kevin Specht as Jenkins, Steve McChesney as Tackaberry, Steven J. Carter as Toynbee, Paul Popolizio as Ovington, Fred Stahlman as Womper, Dave Penrose as the TV announcer, and Galen White as a policeman and as Peterson. Scrubwomen will be played by Pat White and Sue Cutler.

"We had an outstanding bunch of women try out for this play," said Miss Vitale, adding that for this reason the production has an unusually strong female chorus. This chorus of corporate secretaries will be played by Nona Celestine, Cindy Harper, Susan Cragin, Denise Wehle and Liane Breitenstein. Doubling as the men's chorus will be Venturi, Specht, McChesney, Carter and Popolizio.

Miss Vitale also announced this week that Bob Seeley has agreed to serve as the production's vocal director and assistant to Musical Director Don Kumferman. Seeley, who was last seen locally in "1776," just graduated from Chico State University with a degree in music.

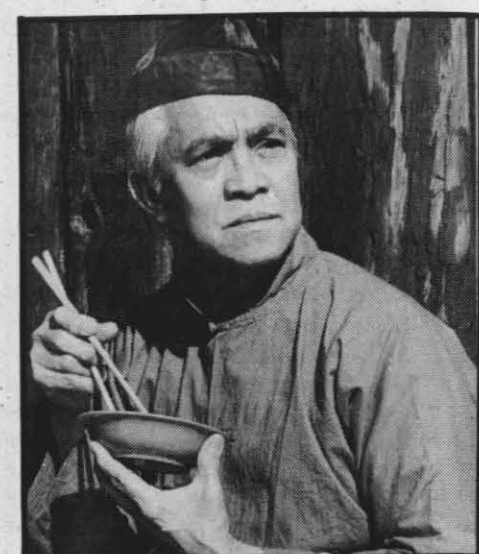
Rehearsals have already begun for "Succeed," which will be presented at the Burroughs High School lecture center on Aug. 4, 5, and 11, and 12.

Photos by two Centerites win awards in nationwide recreation association contest

Two China Lakers won honors in this year's National Industrial Recreation Association (NIRA) annual photographic contest. They are Marijo Olanyk and Art Spiegle.

Mrs. Olanyk's husband, David, is an electronics technician in the Weapons Department's Electro-Optics Division. Spiegle is a mathematician in the Analysis and Simulation Division of the Fuze and Sensors Department.

Mrs. Olanyk's photograph is a color slide



WINNING PHOTOGRAPH — This photograph taken by Centerite Art Spiegle won fourth place in the Human Interest Black and White Class of the National Industrial Recreation Association's recent nation-wide photo contest. Entitled "Oriental Man," it was one of two China Lake entries selected by judges. Marijo Olanyk won first place in the Nature Division with her color slide, "Oldtimer," of a Bristlecone pine tree.



VOLUNTEER SERVICE RECOGNIZED — A certificate denoting her 100 hours of volunteer service at the WACOM-operated Thrift Shop on the Naval Weapons Center, was presented recently by Capt. F. H. M. Kinley, Vice Commander, to Lorna Moore. Others who received certificates for 20 hours of service each were Liz Marquez (at left) and Connie Baker. During the period from last June through December, Mrs. Moore and Mrs. Baker were co-chairmen of the Thrift Shop.

SATURDAY		3 JUNE	
1:30 Matinee			
"Escape To Witch Mountain" (98 min.) Unscrupulous millionaire Ray Milland pursues two orphans with supernatural powers, whom he wants to adopt so they can advise him on his investments. They see through his plan and escape his clutches when they are mysteriously drawn to Witch Mountain. (Comedy drama, rated G)			
"One On One" (105 min.) Small town basketball star Robby Benson receives a basketball scholarship, a high paying job and a lovely tutor. The coach decides he is a sub-standard player and asks him to give up his scholarship. Benson refuses, touching off a reign of sadism on the coach's part. (Drama, rated PG)			
"Another Man, Another Chance" (129 min.) Fleeing the 1870 Prussian siege of Paris, Genevieve Bujold and Francis Hustler sail to America and go West by covered wagon where Hustler is slain by outlaws. Renegades murder the wife of Texas veterinarian James Caan. Caan and Bujold meet when they place their children in the same boarding home. They fall in love, Caan is abducted by the gang that killed his wife, and Bujold must decide between remaining with Caan in the lawless West and returning to France. (Romantic Western drama, rated PG)			
WEDNESDAY & THURSDAY June 7 & 8			
"Roseland" (110 min.) In a world where people have only first names, couples meet at New York's Roseland Ballroom to dance and romance. The film's three episodes concern gigolos Christopher Walken and Conrad Janis and their older benefactress, Joan Copeland; the bitter-sweet attraction of lonely widow Teresa Wright for widower Lou Jacob; and the death of elderly Lilia Skala and her partner David Thomas in their attempt to win a dance contest. (Comedy drama, rated PG)			
FRIDAY June 9			
"Shockwaves" (91 min.) When their cruise boat is rammed by a freighter in the Bermuda triangle, a group of tourists are stranded on a Caribbean island, where they are attacked by zombies. Peter Cushing and Brooks Adams star in this one. (Horror drama, rated PG)			
SATURDAY June 10			
1:30 Matinee			
"Gus" (97 min.) Don Knotts' ailing football team signs on a mule who can kick 100-yard field goals. The mule, Gus, kicks the team to victory and into the Super Bowl. Ex-cons Tim Conway and Tom Bosley's abortive shenanigans fail to keep the miracle mule out of the big game. (High comedy, rated G)			
"Greased Lightning" (103 min.) Returning veteran Richard Pryor sinks his savings into a taxi cab and nearly goes broke until he starts running whiskey. The sheriff nabs him but offers him a deal to drive in a stock car race instead of going to jail. The race sets Pryor on the road to racing fame. (Comedy drama, rated PG)			

Program subject to change without notice. For further information call NWC ext. 2259.

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Photos by two Centerites win awards in nationwide recreation association contest

Two China Lakers won honors in this year's National Industrial Recreation Association (NIRA) annual photographic contest. They are Marijo Olanyk and Art Spiegle.

Mrs. Olanyk's husband, David, is an electronics technician in the Weapons Department's Electro-Optics Division. Spiegle is a mathematician in the Analysis and Simulation Division of the Fuze and Sensors Department.

Mrs. Olanyk's photograph is a color slide

of a Bristlecone pine tree and is entitled "Oldtimer." It took first place in the Nature Class and fourth place in the Color Slide Division. Spiegle's black and white photograph took second place in the Human Interest Division. Entitled "Oriental Man," his entry was a photograph of an Asian eating rice.

Mrs. Olanyk's winning entry was selected from among 320 photographs submitted nationwide in the contest's Color Slide Division. There were 20 entries judged in the Human Interest Black and White Class from which Spiegle's was selected.

The contest judged last month in St. Louis, Mo., was sponsored by the NIRA, a nationwide organization that shares information on recreation programs with and sponsors recreation activities for member corporations, industries and government activities.

Winning photographs will be displayed later this year during the NIRA's 37th annual conference and exposition in Dallas, Tex. They will also be published in its magazine, "Recreation Management."

'Rock' group to play at Enlisted Mess tonight
The popular "rock" music group "Silverwolfe" will perform tonight at the Enlisted Mess (Shuttle Club), Walt Schimke, mess manager, has announced.

The group played here last for the EM '50s night in April and was extremely well received, Schimke said.

The menu for the evening will feature surf and turf (lobster and top sirloin steak), and the band will play from 9 p.m. until 1:30 a.m.

The "Silverwolfe" group is from San Diego, and there will be a 50-cent surcharge for tonight's entertainment, Schimke noted.

Solar energy to be used to heat, cool med. clinic

Work has been started on the installation of a solar heating and cooling system at the China Lake Branch Medical and Dental Clinic.

When completed in November, the solar energy system is expected to provide about 62 per cent of the building's heating requirements and will meet 30 per cent of its cooling needs, according to Rolfe Busch, an architect in the office of the Western Division of the Naval Facilities Engineering Command (NAVFAC).

The remainder of the building's heating and cooling needs will have to be met by more conventional methods that were included during the construction of this combined medical and dental facility which opened its doors last October.

Work on the solar energy system is being handled by E. C. Morris and Son, Inc., of Lancaster, Calif., under a \$250,000 contract that was awarded in April by NAVFAC's Western Division Office in San Bruno, Calif.

Construction inspection and administration comes under the cognizance of Capt. R. B. Wilson, head of the NWC Public Works Department and resident Officer-in-Charge of Construction, and is being handled by the Contract Division of Code 26.

Plans call for installing a 2,500 sq. ft. solar energy collection field made up of 120 3-by-7 ft. panels.

The panels, each mounted on structural steel frames that will rest on foundations, will be set at an angle of 50 degrees so as to get the maximum year-round benefit of the sun's rays.

The panels themselves are dark colored absorbent plates — each covered with two panes of tempered glass. Tubes carrying water will run through the absorbent panels — picking up heat from the sun.

Designers have estimated that the solar energy system will generate 612.3 million BTUs per year for space heating and water heating purposes, and 196 million BTUs per year for cooling the building.

The clinic's existing heating and cooling system will serve as a back-up source for the additional heating and cooling that is needed.

Stirring patriotic address highlight of Memorial Day ceremony

A stirring and thought-provoking address by Capt. R. W. Taylor, MC, USN, highlighted the local observance of Memorial Day this past Monday morning at the flag-decorated Desert Memorial Park Cemetery in Ridgecrest.

Capt. Taylor, officer-in-charge of the China Lake Branch Medical Clinic, began his talk, entitled "Times Change — Heritage Doesn't," by noting that the Memorial Day holiday is celebrated throughout the nation as a way of paying respect to members of the Armed Forces of the United States who have honored



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Major improvements in optics fabrication technology expected by use of new machine

A new machine that has the potential for revolutionizing the work of optics fabrication has been delivered to the Advanced Optics Technology Branch of the NWC Research Department.

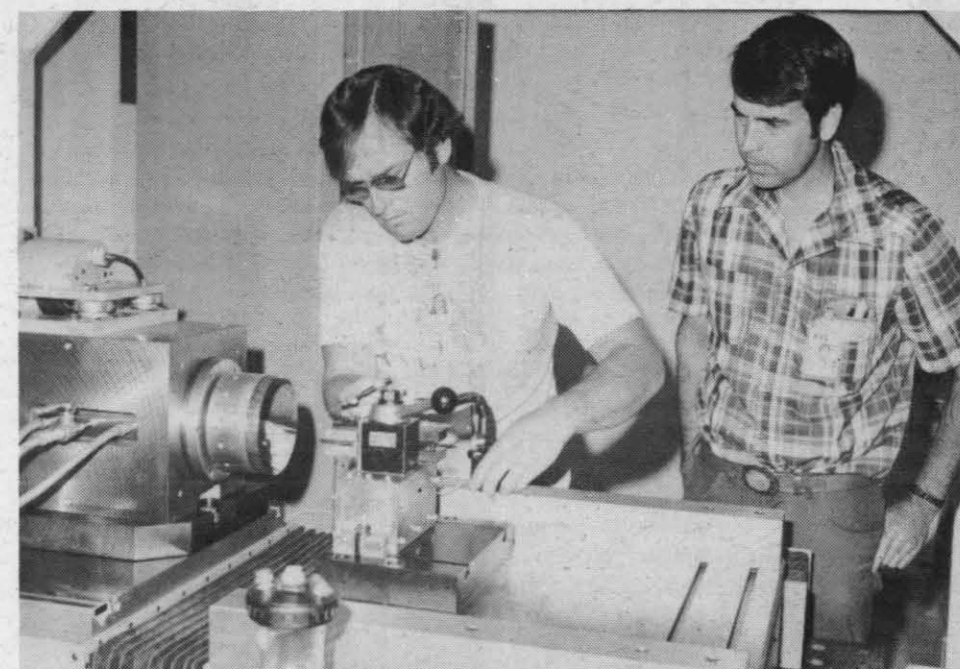
This machine, which was tri-service funded, is the heart of the Center's Diamond Turned Optics Facility, and is the only one of its kind in the Department of Defense.

Its development by the PneumoPrecision Co. of Keene, N.H., incorporated design input by Dr. Donald L. Decker, acting head of Code 3816, and Robert E. Cram, a former NWC employee, and basic technology developed at Department of Energy Laboratories in Oak Ridge, Tenn., and Livermore, Ca. The machine embodies the next generation of technology for diamond turning of optical components.

According to Dr. Decker, who noted that there is considerable development work still to be done to bring the machine to its full capability, "We have taken a number of ideas — some ours, some not — and have brought them together for the first time in this one machine."

"The essence of what we are doing," Dr. Decker explained, "is single point turning of a surface in the fashion of conventional machine shop practice, but using a very precise machine and precise diamond tools." The latter, he noted, have a super fine edge that is sharper and much more accurate than ordinary tool edges. Typical machining tolerances are on the order of a few millionths of an inch or less.

The diamonds used as cutting tools are of



MACHINE PREPARED FOR USE — Following the suggestions of Dr. Donald Decker, a preliminary adjustment in preparation for making a cut using the NWC diamond turning machine is made by Darrell Grandjean. A 4-in. diameter copper mirror blank is already mounted on the vacuum chuck, and all that remains to be done is to bring the cutting tool up to the work very carefully and to commence turning.

gem quality (approximately 1/10th of a carat), and usually are obtained as cleavage slabs from the preparation of stones for jewelry. The cutting edge must be prepared by mounting the stone on a tool shank and then sharpening it with diamond polishing powder.

This is a slow process which is done

commercially, but at some time in the future may be undertaken here by the Advanced Optics Technology Branch, Dr. Decker said.

Materials which this new machine can turn are silver, copper, gold, and aluminum alloys, and a host of non-

(Continued on Page 7)



NAVY COLOR GUARD OPENS PROGRAM — Presentation of the American flag by a color guard from the Naval Weapons Center drill team began Monday's Memorial Day observance. The color guard marched toward the speaker's platform between two rows formed by a line of American flags and the flags of the various veterans and fraternal groups that were participants in this patriotic program.

—Photos by Ron Allen

service have added luster to our nation's history," Capt. Taylor said.

During his talk, Capt. Taylor touched on the history of this national holiday which was first observed 110 years ago and called "Decoration Day," recalled the stirring parades in which rank upon rank of veterans of World War I marched behind an honor guard of Spanish-American War vets, and the changes that have taken place in the mode of celebrating this patriotic holiday from those days up until the present time.

"The times have changed, but the sense of high tradition that characterized this day has not," Capt. Taylor emphasized. "Over the intervening years, 'Decoration Day' has come to be known as 'Memorial Day,' and from a modest beginning in which only those who had served during the Civil War in the Grand Army of the Republic were accorded the respect of their comrades in arms, this day has become one in which all those who have contributed so much through their devoted service are accorded the respect of a grateful people," the speaker continued.

Incorporated within Capt. Taylor's Memorial Day speech was the reading of President Abraham Lincoln's famous Gettysburg address, and a number of references thereafter to portions of its content.

He warned that if, as times change, "we allow ourselves to ignore our national purpose and the responsibilities that attach to being a free people, then we can jeopardize the future of a heritage that has been preserved by the devotion and loyalty of our forebears."

"My concern that this not happen is why I value occasions like this one here today, for we cannot assume that our heritage is a

vital part of our everyday lives. The memory is fallible, and we need to be reminded of our purpose and our commitment," Capt. Taylor continued.

During his Memorial Day address, Capt. Taylor also recalled the oft-quoted words of Thomas Jefferson, the principal author of the Declaration of Independence, whose reminder that "Eternal vigilance is the price of liberty" holds true as much today as when it was first written.

Mr. Jefferson, it was pointed out by Capt. Taylor, had other valuable advice for his fellow Americans that has withstood the

(Continued on Page 3)



Capt. R. W. Taylor, MC, USN
Featured Speaker



SCHOLARSHIP PRESENTED — Mrs. William L. Harris (left), wife of Rear Admiral William L. Harris, NWC Commander, and chairman of the NWC Officers' Wives' Club, presents a \$1,000 scholarship to Burroughs High School senior James Sterrett. His father and mother, AOC and Mrs. John W. Sterrett, witnessed the presentation.

—Photo by Ron Allen

Chief's son receives Officers' Wives' Club scholarship award

The Naval Weapons Center Officers' Wives' Club has presented its annual scholarship award to James Sterrett, son of Chief Aviation Ordnanceman and Mrs. John W. Sterrett.

Mrs. William L. Harris, wife of Rear Admiral William L. Harris, NWC Commander, and the club's chairman, made the \$1,000 award last week. The money was raised last November during the annual Officers' Wives' Club's participation in the WACOM bazaar.

Sterrett is an 18-year-old Burroughs High School senior. He was selected from several candidates on the basis of his overall academic standing.

Plans announced for '78 Vacation Bible School, June 12-16

Plans have been announced for the 1978 Vacation Bible School that will be conducted during the week of June 12 through 16 by the combined congregations of the Naval Weapons Center's All Faith Chapel.

"Come Find God's Secret" will be the theme of classes that will be held in the East Wing of the Chapel and in the various Chapel Annexes. Youngsters in elementary school grades will meet from 8:30 to 11:15 a.m., while junior high sessions are planned from 7 to 9:30 p.m.

Superintendent of the Vacation Bible School is Linda Eberhart, a member of the NWC Catholic congregation. In addition to Bible stories and Bible learning activities, there will be craft work and recreation programs geared to meet the interests of the different age groups.

Registration for Vacation Bible School is being handled at the All Faith Chapel following regularly scheduled religious services.

The Rocketeer

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NWC Commander

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Staff Photographer



DEADLINES

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.
Phones 3354, 3355, 2347



AFM Wesley R. Barrett

Promotional Opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 977). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisor appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Clerk-Typist, GS-32-3, PD No. 7825008N, Code 25751— This position is located in the Document Control Section, Receipt Control Branch, Control Division, Supply Department. The function of this section is to receive and distribute all mail for the branch; establish, maintain and complete open order and due-in-files. The incumbent will perform typing and other clerical duties such as: sort, stamp and distribute U.S. and guard mail; review all invoices for completeness; compute discount on discount invoices; type Invoice Discrepancy Notices, etc. Job Relevant Criteria: Ability to type accurately and efficiently; ability to understand and retain numerous instructions as to processing different documents; ability to comprehend a variety of documents to be identified, categorized and distributed; knowledge of supply functions and procedures. Promotion potential: GS-4. File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2371.

Supervisory Personnel Management Specialist, GS-201-12, PD No. 780995, Code 094— This position is head of a Personnel Service Division in the Personnel Department. Incumbent is responsible, through several subordinate personnel management specialists, for providing the full range of personnel management services to several technical/support departments. Incumbent will provide the more difficult management advisory service on the more complex personnel management practices/principles. Job Relevant Criteria: Experience in a generalist personnel organization or experience in all four functional specialties; ability to apply a high degree of technical skill, knowledge, and judgment to the personnel management functions in an R&D environment; knowledgeable in and capable of relating the behavioral sciences to personnel administration; advanced degree and/or evidence of continuing self-development desired. If filled at GS-12 level, promotion to GS-13 is dependent on demonstrated performance.

Engineering Technician, GS-802-9, PD No. 7437059-1N, Code 6123— This position is located in the Avionic and Instrumentation Branch, Aircraft Support Division, Aircraft Department. The incumbent is responsible for preparing test plans using inputs from test sponsors. The incumbent co-ordinates and directs the work of others who modify aircraft to accept special instrumentation etc. He reviews and checks for proper functioning of instrumentation, inter-connect wiring, aircraft ordnance, and aircraft avionics systems. Job Relevant Criteria: An extensive knowledge of Naval aircraft and weapons systems. Knowledge of test instrumentation techniques, ordnance safety procedures, and test range facilities needed. Knowledge of technical subjects such as mechanics, electricity, and electronics. Experience in field testing of weapons systems. File applications for above with Jan Nieberlein, Bldg. 34, Rm. 204, Ph. 2577.

Mechanical Engineer, GS-830-12, PD No. 7545098E, Code 3241— This position is located in the Warhead Development Branch, Conventional Weapons Division, Ordnance Systems Department. This incumbent prepares project

proposals, technical development plans and budgetary information, maintaining proper manpower and cost management throughout each work unit assignment. Responsible for directing or conducting analytical studies to investigate the utility and desirability of proposed concepts. Responsible for correct mathematical characterization, within the limits of current modeling techniques. Designs experiments to obtain data used to ascertain and predict concept performance. Prepares formal technical publications and presentations, and maintains liaison with project sponsors and supporting activities. Job Relevant Criteria: Knowledge of warhead design principles; demonstrated ability to plan and coordinate engineering projects, including budgetary aspects; knowledge of current mathematical modeling techniques; ability to communicate clearly and concisely. (Continued on Page 7)

New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are Tuesday thru Friday: 1-9 p.m.; Saturday: 12-6 p.m.

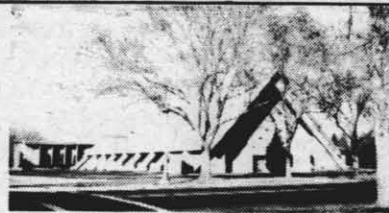
Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library.

FICTION

Winston Graham — The Four Swans.
James Houston — Ghost Fox.
Steven Longstreet — Strike the Bell Boldly.
Joyce Carol Oates — Night-Side.
Niccolo Tucci — The Sun and the Moon.
Robert Penn Warren — A Place To Come To.

NON-FICTION

June Bierman — The Diabetic's Sports and Exercise Book; Play Your Way to Better Health.
Burke Davis — Old Hickory; The Life of Andrew Jackson.
George Dowbenko — Homegrown Holography.
Russell Warren Howe — The Power Peddlers; Foreign Lobbying in Washington.
William Lyon — A Pew For One, Please; The Church and the Single Person.
Thomas Merton — Collected Poems.



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.
ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630
ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Saturday 1615 to 1645
Sunday 0800 to 0825
RELIGIOUS EDUCATION CLASSES
Sunday First thru 4th grades 1015
Sunday Pre-school & kindergarten 1115
Sunday seventh & eighth (Junior High) 1900
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday evening Ninth thru 12th grades
As announced "In Home" Discussion Groups Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Services—(Sept.-May) 1930

Rec. Round-up . . .

(Continued from Page 6)

are Center employees.

Women's competition also is planned. Tentatively listed as entrants for NWC are Charlene Newmeyer, Marla McBride, Nancy Webster and Sherry Miller.

During the time that the MDISL tournament is in progress, the China Lake tennis courts will be closed to general use.

Judo Classes To Begin

Summer judo classes will begin at 5:30 p.m. Monday at the Youth Gym, and be held every Monday, Wednesday and Friday from 5:30 to 7.

For those with memberships in the Athletic Association or the Youth Center, there is a charge of \$5 per person up to a maximum of \$10 per family for the judo instruction.

The classes will be taught by Alan Schultz and Maryann Butterfield. Additional information can be obtained by calling Vickie Black at 446-5286.

Tournament Canceled

Because of the limited number of entrants who had registered for it, a racketball tournament which had been scheduled today, tomorrow and Sunday has been canceled.

Little League . . .

(Continued from Page 6)

the Indians, winning by a final tally of 13-11. Three runs scored by Dorgan were a key factor in the victory by the Royals. Sean Branch scored a pair of runs in a losing cause for the Indians. In four trips to the plate, he fattened his batting average by getting two hits and drawing a walk.

Robert Black and Pat Vacca, who scored three runs each, helped the Pirates scalp the Indians, 22-7. During four times at bat, Black had two doubles and a single, while Vacca came through with three hits — all singles.

In the only other Minor Division tilt played last week, the Cardinals overwhelmed the Astros, 24-7. Stacey Rider and Bryan DeKay led the onslaught for the Cardinals with two doubles apiece, and David Musgraves chipped in a double and a single.

Admiral's Cup . . .

(Continued from Page 6)

Gary McCloskey, Toby Jones, Ralph Maddox, Tony Bookout and David Scaaf. At press time, no information on the roster for the NWC South team was available.

The 36 points racked up so far by the VX-5 Vampires gives them a comfortable lead in the Admiral's Cup standings over NWC South with 28, and NWC North's total of 20 points.

Opportunities . . .

(Continued from Page 2)

both orally and in writing.

File applications for above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.
Accounts Maintenance Clerk, GS-520-3/4, PD No. 7708064, Code 0862— Position is located in the Cost Accounting Branch of the Office of Finance and Management. The incumbent is a trainee in the Cost Accounting Branch performing tasks on a rotating basis within one of the three sections. Major contracts, government orders and F/C, and commercial orders. He/she codes and processes purchase documents, files and maintains files of paid documents, posts entries on reconciliation sheets, and assists in monitoring control log of transactions. Job Relevant Criteria: Ability to work with figures; ability to perform routine clerical duties; ability to maintain a high level of accuracy in work requiring close attention to detail. Potential: GS-5 (Accounting Technician). File applications with Tina Rockdale, Bldg. 34, Rm. 204, Ph. 2674.

Shop Planner, WD-4701-5, JD No. 557N, Code 26403— This position is in the Public Works Department, Maintenance Utilities Division. The incumbent plans for the plumbing section and the Refrigeration and Air Conditioning Section; processes all shop orders and job orders for his shops; orders standard and non-standard equipment; writes intership orders for prefabrication by other shops; checks that all necessary material to complete the work is in stock; orders materials; reviews prints, sketches, or other instructions from the shop craft supervisor; keeps records of all labor charges and progress of work; performs related work as assigned. Job Relevant Criteria: Ability to facilitate production; technical practices; ability to interpret instructions, specifications, etc.; knowledge of pertinent materials; knowledge of pertinent tools and equipment. Previous applicants need not re-apply. File applications for the above with Marge Stanton, Bldg. 34, Rm. 210, Ph. 2632.

Optics fabrication technology improved . . .

(Continued from Page 1)

metallic materials such as silicon, germanium, magnesium fluoride, calcium fluoride, and sodium chloride. These materials can be fabricated as lenses, domes or mirrors for FLIR, infrared seeker or laser applications.

For materials which can be successfully diamond turned, there is minimal friction between the tool and the material being worked on, minimal wear and no built-up edge. Because of this, diamond-turned surfaces can be extremely smooth and free of damage and are often superior to those made of the same materials produced in a conventional optics shop.

The combination of a superior tool and what Dr. Decker calls a "super machine" has given rise to the high expectations expressed regarding the ultimate capabilities of this one-of-a-kind machine.

It is intended to fill a research and development role in addressing a whole range of problems associated with the diamond turning of optical parts, but in fact is fully capable of production, Dr. Decker said. Ultimately, it will be capable of working to tolerances of a fraction of one millionth of an inch, but in the few weeks since its arrival here, Dr. Decker, a research physicist, and Darrell Grandjean, engineering technician, have turned surfaces accurate to a few millionths of an inch.

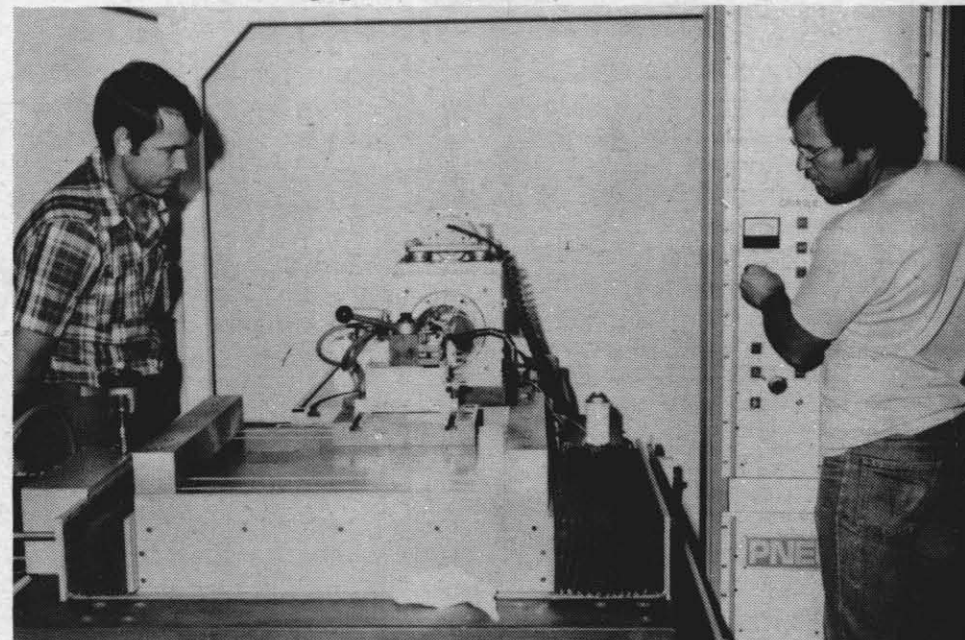
Temperature Control Vital

Temperature control is a vital factor in this work in order to establish the necessary mechanical stability. For this reason, the machine is located in a room controlled to plus or minus 2 degrees F., and one of its new features is a myriad of internal passages through which fluids at constant temperature can be pumped for further temperature control.

The machine is placed under a Class 100 clean booth where it will be possible (when additional phases of the development work have been completed) to further control the temperature of the air flowing onto the machine. The clean booth removes dirt, pollen and bacteria from the air.

While the diamond cutting tool can be brought to a superb cutting edge, it can't be used to turn glass surfaces because materials like glass (as well as iron, ferrous alloys and molybdenum) attack diamonds chemically and cause the sharp edge to break down rapidly. However, additional research using single crystal tools of the carbides of silicon, boron, tantalum or tungsten may permit a wider range of materials to be satisfactorily turned.

"In the foreseeable future this machine thus won't supplant conventional glass optics fabrication methods, but for a class of problems, which include a significant



READY TO GO — During a facing cut, the tool carriage (in foreground) moves the cutting tool across the face of the part at a feed rate of typically 300 millionths of an inch per revolution of the spindle. At a spindle speed of 1,000 rpm, a 6-in. diameter part can be completed in 10 minutes. The extensible rubber bellows on either end of the tool carriage protect the very accurate air bearing sideway components, it was explained by Dr. Donald Decker (at left). Standing at the machine's control panel is Darrell Grandjean.

—Photo by Ron Allen

number of current electro-optical applications, we have a brand new way of producing low cost, high quality optical parts," Dr. Decker said.

For metal mirrors it is a significant improvement over conventional grinding and polishing procedures for it can produce a high quality 6-in. diameter copper mirror in 10 minutes compared to the several weeks necessary for a similar metal or glass mirror to be fabricated conventionally.

Metal mirror optics are extensively used in FLIR and seeker applications for weight savings and ruggedness and in laser applications because of heat dissipation advantages. Diamond turning is even more advantageous in those cases where the optical surface must be in precise mechanical alignment with the rest of the part, for example, an integral mirror and gimbal assembly.

New Hardware Being Designed

At the present time, NWC personnel are in the process of designing and constructing the hardware that will make possible full numerical control of the machine with interferometer feedback. It is this capability that has the potential for truly revolutionizing optics fabrication, since it will enable the operators to turn out the same surface repeatedly or produce any axis-symmetric surface that can be described mathematically.

In a conventional optics shop, only spherical shaped surfaces can be generated directly. If some other type of surface is

desired, the optician's skillful alteration of lap shape and polishing stroke is required for producing a parabolic shape, for example. The further he departs from a spherical shape, the more difficult the task becomes, Dr. Decker explained.

However, with a numerically controlled, single point diamond turning machine, the operator has the freedom to produce any surface that can be mathematically described, and to do it much more rapidly as well. Not only are these parts often superior optically, but they can be fabricated at a much lower cost than those produced by conventional optics methods.

Many Unanswered Questions

"While we are on the threshold of large-scale utilization of this advanced technology in the field of optics, there are still a number of unanswered questions," Dr. Decker acknowledged. They are: details of optimum machining of specific materials, the relationship between the parameters of the machine and the optical characteristics of the turned parts, and finally a better understanding of the optical characteristics of the diamond turned surface itself since these surfaces are different from those produced by conventional methods.

The impact of this technology, Dr. Decker said, will have a bearing on a large range of Navy and Department of Defense infrared electro-optic components, and the machine also has the potential for producing components for near infrared wave lengths for laser designator use, and possibly even for application at visible wave lengths.

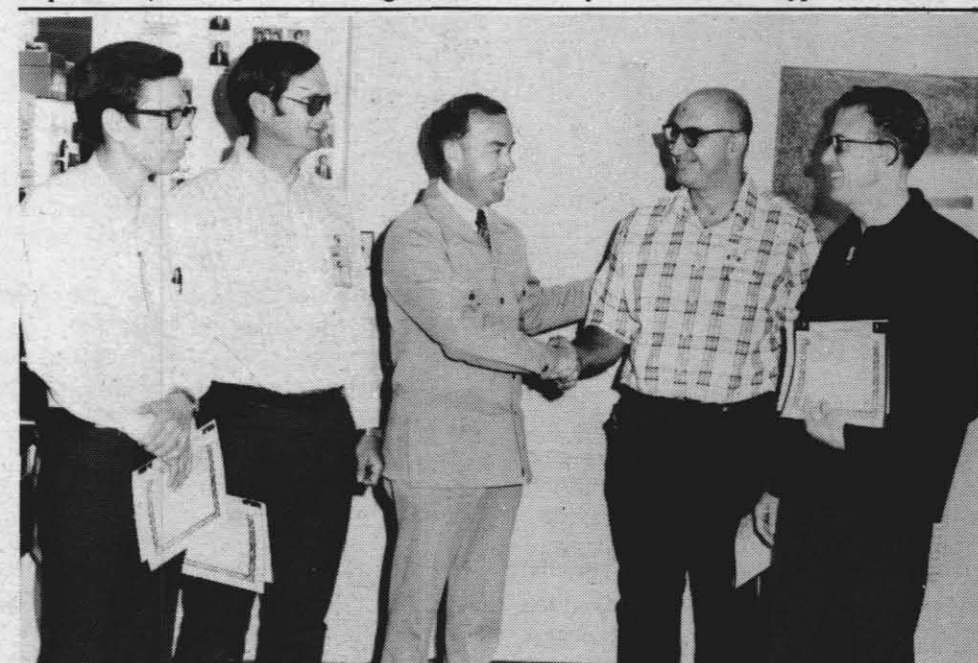
The machine has received a very broad base of support primarily because NWC has within the Physics Division of the Research Department a wide range of skills and capabilities (such as the Laser Damage Facility and the Optical Evaluation Facility) to provide the basic optical characterization support.

DoD places ban on attendance at 'Naval Technology Expo'

According to information received this week from the Chief of Naval Material via the Assistant Secretary of Defense for International Security Affairs, a ban has been placed on attendance of Department of Defense employees and military personnel at the "International Naval Technology Expo '78" in the City of Rotterdam in the Netherlands.

Participation in this conference, which is scheduled June 6 to 8, cannot be justified since this exposition appears to be a commercial venture for the purpose of promoting arms sales, the CNM reports.

The decision not to authorize DoD personnel to attend or participate is in keeping with President Jimmy Carter's policy of restraint in the sale of U.S. arms and related equipment abroad.



FOUR RECEIVE PATENT AWARDS — Four electronics engineers employed in the Electronic Warfare Department were the recent recipients of patent awards that were presented by Gerald R. Schiefer (center), temporary department head. They are (at left) Donald Daniel and Robert Wilcox and (on right) Richard Gagliardi and Rueben Nyswander. Daniel and Wilcox were awarded a patent for their work on the development of a multiple dumping integrator. Gagliardi received two patent awards — one for a chaff discrimination device, and another for inventing a self-screening jammer for airborne deployment. The patent award presented to Nyswander was entitled "Short Pulse Magnetron Transmitter."

Raiders fatten lead in fast pitch division of softball league

The Ridgecrest Raiders increased their lead to two games last week in the Fast Pitch Division of the China Lake Intramural Softball League.

The Raiders knocked off their nearest rivals, Nelson Auto, by a score of 13-3, but then were upset, 7-5, by the Navy Hawks.

In addition to losing to the Raiders, the Nelson Auto team suffered a second defeat last week to Fisher Plastering by a final score of 7-3.

The only other game played in the Fast Pitch Division resulted in a narrow, 2-1, win by Fisher Plastering over the Navy Hawks.

Three teams — Time Out, the Merchants and Flower Shop — last week continued to dominate the Women's Division of the Intramural Softball League.

Time Out and the Merchants, both undefeated, had records of 4-0 and 3-0, respectively, at the end of last week's play. The Time Out team roughed up the Charlie Browns, 18-9, while the Merchants pounded out a 22-4 win over JDs.

The Flower Shop, which has won four out of five games, defeated the CSC team, 24-11, last week, and CSC came close, but lost, 17-16, to Frisbee.

Two games important to the current standings in the National Division of the league's slow pitch competition were played last week.

The undefeated Homestead team tightened its hold on first place by defeating Shackletts, 14-5, and the Pizza Villa nine moved into a tie for second place with Shackletts by winning the game between these two teams, 11-5.

Scores of two other National Division games were Rat Pack 25, Marauders, 24, and Sports Etc. 29, NWC O's, 11.

What was a tight race in the slow pitch American Division loosened up a bit last week as the division-leading Zephyrs defeated their nearest rivals — Bird Olds and the Knights — by scores of 13-4 and 14-7, respectively.

In other American Division contests, the Blacksheep got over the .500 mark for the season in the win-loss column with a 19-11 win over VX-5, and the CSC team won its first game in five starts by posting a 24-19 victory over Grand Good.

Softball teams to vie in Admiral's Cup competition

Admiral's Cup softball competition between teams representing NWC South, NWC North and VX-5 is scheduled on Saturday, starting at 9 a.m. at Schoeffel Field.

In the first game, it will be NWC North vs. NWC South, while in game No. 2 (which will begin at 11 a.m.) the teams from VX-5 and NWC South will tangle.

Final game of the Admiral's Cup softball competition, the VX-5 vs. NWC North contest, is scheduled at 3 p.m.

VX-5, the current leader with 36 points in the Admiral's Cup standings, will be represented by a team managed by Denny Raitz, second baseman.

Other members of the Vampires' squad, and their tentative playing positions, are: Mark Lehman and Tony Herrera, pitchers; Jim Connelly, catcher; Keith Hare and John Spells, 1st base; Calvin Brown, 2nd base; Rick Jones, 3rd base, and Tony Bolden, short stop.

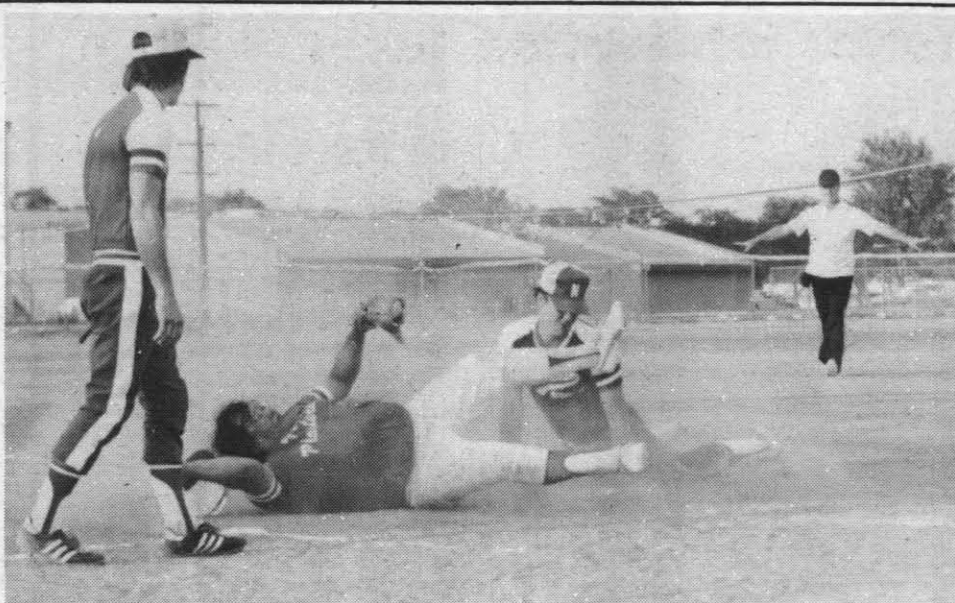
Outfielders are Kelvin McSwain, Cindy Fox, Ron Woodruff, Doug Fischer, Kevin Mason and Rick Booth.

Roster for the NWC North team, which is headed by Sam Goode, the team's player-manager at short stop, is as follows:

Ron Hill and Danny Carlson, pitchers; Barry Hileman and Mike Verner, catchers; and infielders Dennis Hays, at 2nd base; and Roy Tefft, at 3rd base.

Outfielders for the NWC North team are

(Continued on Page 7)



CLOSE PLAY AT 3RD BASE — In this bit of action during last week's men's fast pitch softball game between the Nelson Auto and Fisher Plastering teams, Duke Martin, center fielder for Nelson Auto, was safe on a play in which he slid headfirst into third base. Signalling the call in the background is the base umpire, Bob Hooper, while looking on is Bob Pearl, who was coaching at third base. Herbie Pinto, 3rd sacker for Fisher Plastering, had caught the ball (which is barely visible in his mitt), but then stumbled backwards over the base and was unable to put the tag on Martin. Fisher Plastering posted an upset, 7-3, win over Nelson Auto.

Results announced of China Lake Tennis Club's spring tournament

Ideal weather provided a perfect setting for the annual spring tennis tournament which was held at the China Lake courts over the Memorial Day weekend.

A record number of 95 entrants competed in a total of 177 matches during this event, which was co-sponsored by the China Lake Tennis Club and the NWC Special Services Division.

Tournament officials were pleased by the close competition that developed in all three divisions (beginning, intermediate and advanced) of the tournament. Special note was made of both the number of participants and the quality of play by students from Burroughs High School and Cerro Coso Community College.

Awards to winners in the various divisions of the tourney were presented during a picnic that was held Monday evening at Ridgecrest park. Tournament results were as follows:

Men's Class A singles — Bernard Wasserman def. Bob Forrester, 6-3, 7-6; Mitch Bridge, consolation winner.

Men's Class B singles — Bryce Maples def. Tom Blume, 6-3, 6-4; Robert Hintz, consolation winner.

Men's Class C singles — Jan Schulz def. Brett Halpin, 6-1, 6-0; Scott O'Neil, consolation winner.

Women's Class A singles — Sherry Miller def. Nancy Webster, 6-1, 6-3; Ruth Blume, consolation winner.

Women's Class B singles — Kristi Rowland def. Cindy Campbell, 6-4, 6-3; Jane Grant, consolation winner.

Minor Division Little League teams tangled in 3-way tie for lead

There was a break in the action last week for teams competing in the Major Division of the China Lake Little League, however four games were played in the Minor Division.

The Minor Division is all tangled up in a three-way tie for first place that will have to be resolved by a complicated play-off schedule at the conclusion of the second half of the season.

As of last Friday, the Pirates, Royals and White Sox all had identical records of 5 wins and 2 losses each, while the Cardinals with 4 wins, 2 losses and a tie, also are in contention.

In a crucial game played last week, the White Sox, led by Brian Haug, who scored three runs defeated the Royals, 15-9. Standout for the Royals in defeat was Glen Dorgan, who tallied four times in as many times at bat. He got on base with two hits and two walks.

The Royals had a tough time getting past

(Continued on Page 7)



Recreation Round-up

COM pool closed to members Saturday during swim meet

The swimming pool at the Commissioned Officers' Mess will be closed to members until 3 p.m. on Saturday due to a swimming meet that has been scheduled.

Nearly 300 youngsters are expected to compete from early morning to mid-afternoon in a three-way meet between the Indian Wells Valley swim team, the High Desert team and swimmers from Stockdale Park in Bakersfield.

Following the swimming meet, the COM pool will be open until 8 p.m. on Saturday, and from 11 a.m. to 8 p.m. on Sunday. The daily schedule of operations at the COM swimming pool will begin on Saturday, June 10.

Swim Pool Tags on Sale

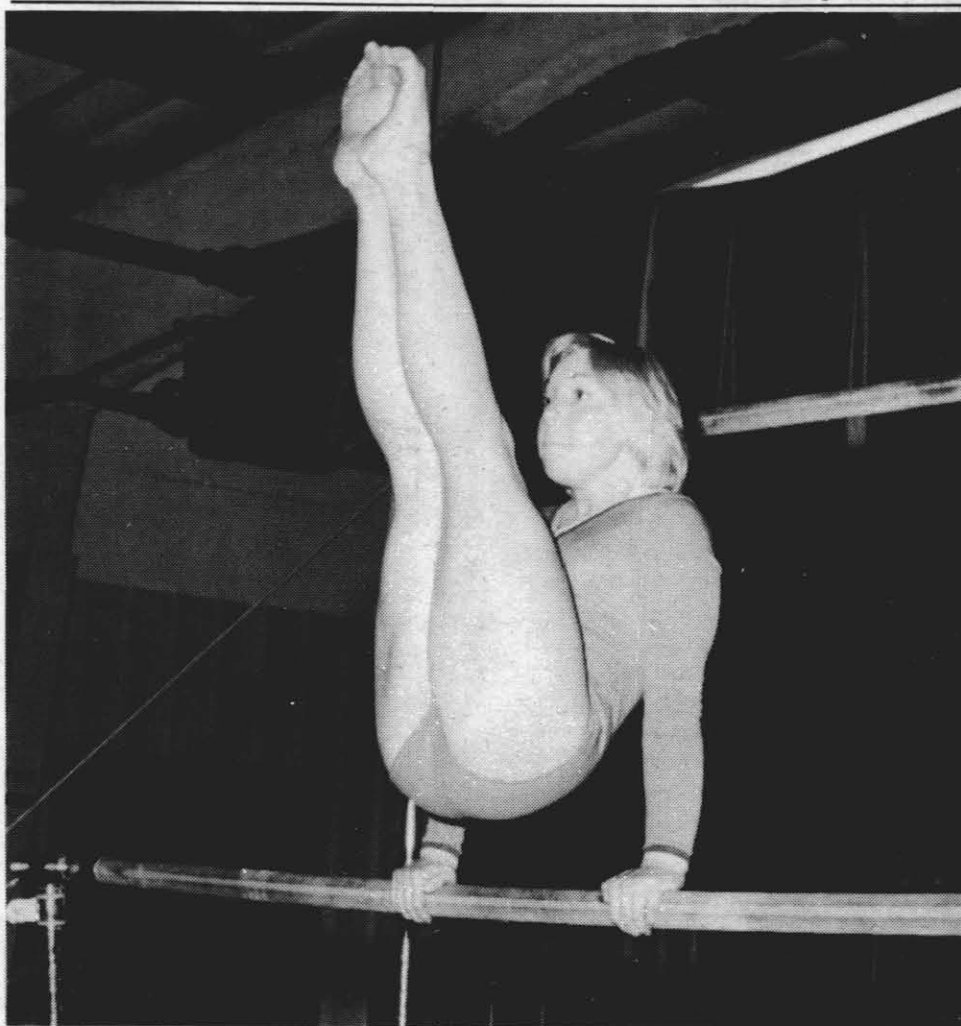
Tags that are required for use of the swimming pools at the Commissioned Officers' Mess and at the Chief Petty Officers' Club are on sale in the offices at both of these clubs. They are not available at either of these swimming pools.

MDISL Tennis Tourney

The Naval Weapons Center will host the Mojave Desert Inter-service League (MDISL) tennis tournament, which has been scheduled on June 9, 10 and 11 at the China Lake tennis courts.

Nick Schneider, captain of the team that will represent NWC in the MDISL tennis tourney, has lined up a squad composed of William Haff, Hod Wells, Mike Vogt and Bob Reusche, all Navy officers, and Steve Lyda, Dick Boyd and Bob Forrester, who

(Continued on Page 7)



AMONG SOUTHERN CALIFORNIA'S BEST — Kyra Specht, a sophomore at Burroughs High School, placed seventh in the girls' gymnastic competition from among all of the contestants entered in the CIF finals held last Saturday at Irvine High School in the Orange County City of Irvine. Miss Specht placed second on the uneven bars by earning a score of 8.55 out of a possible 10 points. In addition, she was third on the balance beam (8.85) but, because of the high calibre of competition failed to place in the floor exercise event — even though judges awarded her an excellent score of 8.9. According to Carrie Sorges, girls' gymnastics coach at Burroughs, Miss Specht missed placing among the top five in the all-around competition by just 5 100ths of a point.



TWO-STAR DONATION — Rear Admiral William L. Harris, NWC Commander, hands "Ms. Navy Relief" contestant AN Korrien Bierman his donation to this year's Navy Relief Society fund drive. Other candidates are AA Sherry Cundiff (left) and AN Cynthia Dawson. A fourth candidate, HN Cheryl Gros, was unable to be present for the photo. The month-long drive ends June 16, and each dollar donated in the name of a candidate counts as one contest vote for her. The admiral split his donation among the four.

—Photo by Ron Allen

Memorial Day observance . . .

(Continued from Page 1)

test of time, namely to be alert to an "always present danger" that the rights and freedoms of the American people may be compromised from within.

This same concern was expressed 50 years after Mr. Jefferson's time when President Lincoln remarked that "if this Republic were to fall, it would not be by the actions of foreign powers, but by the apathy of our own people in the affairs of their own state."

For this reason, Capt. Taylor called on those within the sound of his voice "to reflect on the price of the gift of liberty and dignity that has already been paid by many others. Freedom, and all that it represents, is a fragile circumstance, and it is our responsibility to not only be worthy of it ourselves, but to preserve it for our heirs," he stressed.

In closing, Capt. Taylor urged those present at the local observance of Memorial Day to strive to do their utmost to insure that this nation's heritage which hasn't altered in more than 200 years, never does.

The featured speaker at this patriotic program was introduced by Lois Galvin, junior past commander of American Legion Post 684, following opening ceremonies that included presentation of the colors by members of the Naval Weapons Center drill team and by the 20-member Desert Suns color guard, a youth group sponsored by the City of Ridgecrest, the Indian Wells Valley Junior Women's Club, and the Ridgecrest Optimist Club.

The invocation and benediction were delivered by Capt. F. E. Whitacker, ChC, USN, senior chaplain at NWC, and a vocal

Ex-POW to speak at Navy League meeting June 8

The Indian Wells Valley Council of the Navy League of the United States will meet next Thursday, June 8, at The Hideaway in Ridgecrest, Dave Teasdale, council president, has announced.

Guest speaker for the evening will be Cdr. Rodney A. Knutson, the Naval Weapons Center's new head of the Military Administration Department and Commanding Officer of Enlisted Personnel.

Cdr. Knutson, a prisoner of the North Vietnamese for more than seven years, will relate his experiences as a prisoner-of-war and discuss the fifth reunion of POWs which he attended last weekend in Los Angeles and at the San Clemente home of former President Richard Nixon.

Reservations for the Navy League meeting are due by Wednesday, June 7, and may be made by calling Teasdale at 375-1318.

The meeting will begin with a social hour at 6:30 p.m. followed by dinner and the talk by Cdr. Knutson.

solo, "America the Beautiful," was sung by Lenore Edwards of the American Legion.

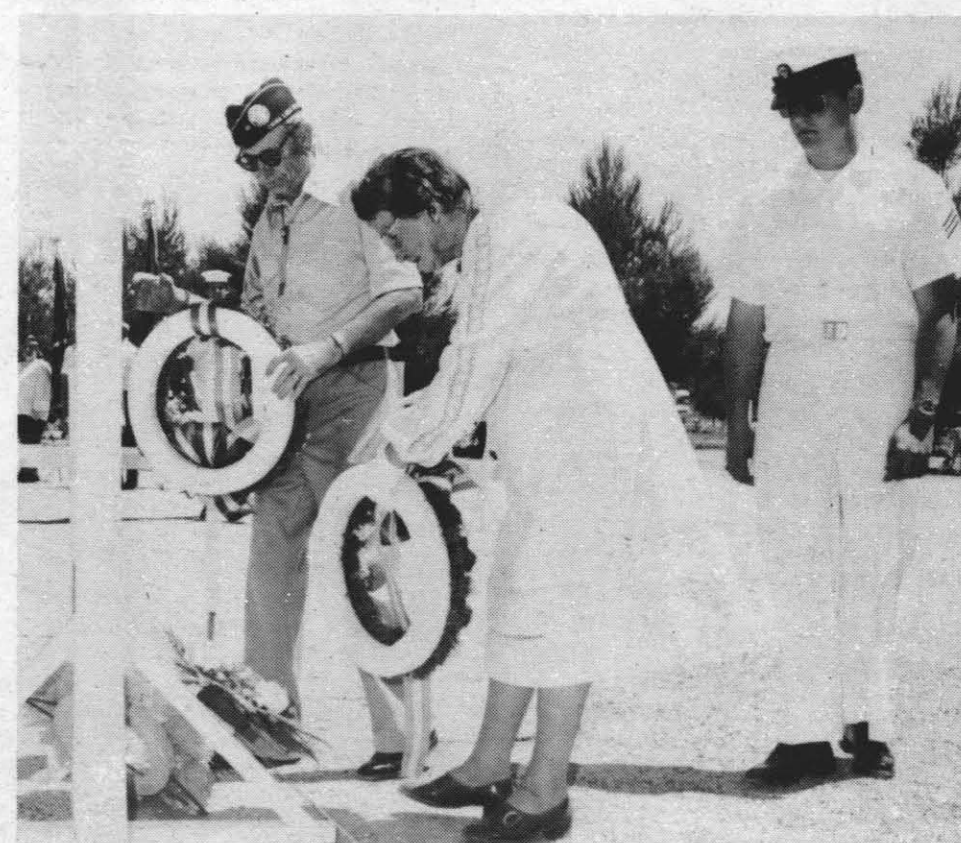
Capt. S. I. Stocking, Deputy Director of Test and Evaluation and head of the Aircraft Department, attended the Memorial Day program as the representative of Rear Admiral William L. Harris, NWC Commander. In brief remarks which preceded the traditional wreath-placing ceremony, he commented on the responsibility of all Americans as the caretakers of this nation's heritage, and took note of the fact that occasions like the observance of Memorial Day help to insure that this nation's heritage will continue.

Wreath-Placing Ceremony

Members of the NWC drill team and colorguard and the NWC Sea Cadet Squadron then escorted representatives of various veteran and fraternal groups which took part in a symbolic wreath-placing ceremony.

Birdie Webb, representing Gold Star Mothers, led the list of participants which included the Disabled American Veterans and its Auxiliary, High Desert Barracks of the Veterans of World War I, the American Legion Post and Auxiliary, the Veterans of Foreign Wars and Auxiliary, IWW Masonic Lodge, Father Crowley Council of the Knights of Columbus, the Odd Fellows and Rebekah Lodge, and the Happy Times Senior Citizens Club.

The playing of "Taps" and a volley of rifle fire by a firing squad composed of NWC drill team members, under the direction of ABH1 James R. Hughes, concluded the Memorial Day observance.



NATION'S WAR DEAD REMEMBERED — Representatives of the China Lake Chapter of the Disabled American Veterans and Auxiliary were among the veterans' organizations which participated in a symbolic wreath-placing ceremony during the local observance of Memorial Day.

Contributions increase in support of annual Navy Relief fund drive

Two more departments have achieved 100 percent participation by military personnel in this year's Naval Weapons Center Navy Relief Fund Drive, LCdr. Marvin McWherter, NWC fund drive chairman, announced this week.

They are the Weapons Planning Group (Code 12) and the Supply Department (Code 25), which also reported 36 percent participation by its civilian employees.

Total contributions were approaching \$2,700 Tuesday morning as the drive, which ends June 16, nears its mid-course, Lt. John Everson, drive treasurer, said.

Lt. Everson said that on the last day of the drive, the Center will conduct its first Navy Relief "Fun Run," a marathon relay from Lake Isabella to China Lake.

So far, 28 runners have signed up for the event. Participants will be divided into two non-competitive teams.

At the top of the list of "volunteers" so far are Capt. S. I. Stocking, Deputy Director of Test and Evaluation and head of the Aircraft Department, and Col. L. A. Madera, Marine Corps Liaison Officer; however Lt. Everson said he expects the seniority of the top runner to go even higher.

NWC Sailor of Month honor goes to ADAN Q. L. Jefferson

NWC's April Sailor of the Month is Aviation Machinist's Mate Airman Quintin L. Jefferson, an Aircraft Support Division plane captain.

ADAN Jefferson is also a member of the NWC Sidewinder Drill Team and was formerly the Auto Hobby Shop supervisor. He was recommended for the award by both his division chief petty officer and the leader of the drill team.

After graduating in the top 10 percent of Aviation Machinist's Mate "A" School at the Naval Air Station, Memphis, Tenn., ADAN Jefferson attended A-7 Fleet Readiness Aircraft Maintenance Personnel training at the Naval Air Station, Lemoore, Calif., and reported to China Lake last September.

He is a native of Oklahoma City, Okla., and was graduated from Midwest City High School there in May 1976. He enlisted in the Navy under the guaranteed school program the following October and began recruit training at the San Diego Naval Training Center in January 1977.

In the letters nominating ADAN Jefferson for the Sailor of the Month Award, his supervisors praised him for his tact in

The race will begin at Kernville and follow the lake's east shore to Highway 178 over Walker Pass for more than 60 miles to the Naval Weapons Center.

The runners will each decide how far they wish to run with the minimum distance set at three miles. Lt. Everson said he expects the marathon will take at least six hours. It is scheduled to end at Schoeffel Field during a slow pitch softball game between NWC and VX-5.

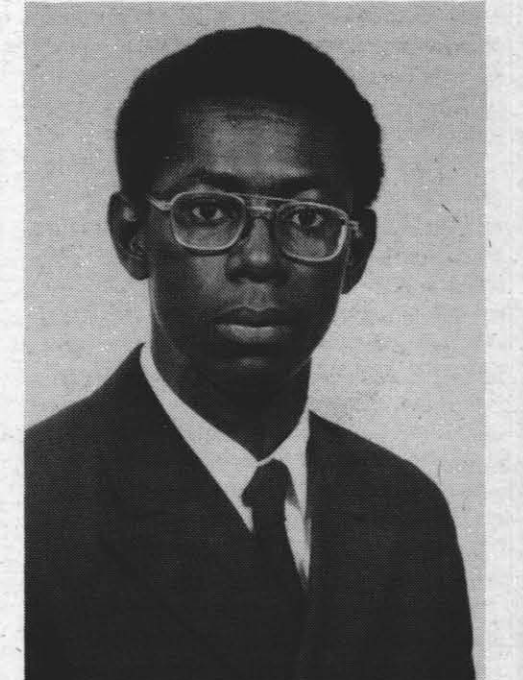
The ballgame will begin at 3 p.m. At the conclusion of the game, the winner of the Ms. Navy Relief contest will be announced. This year, contributions to the fund drive are being made in the name of one of four military women vying for the title. Each dollar counts as one vote.

Contributions will be solicited from anyone desiring to sponsor a marathon runner, and the money collected will be turned over to the Navy Relief fund drive. Lt. Everson is the marathon's coordinator, and he said that he expects to have a complete list of runners early next week. Persons desiring to participate in the marathon may contact him by calling NWC ext. 5297.

dealing with others and for setting a good example for his shipmates.

The 19-year-old sailor was also cited for his mature attitude, reliability and military behavior, as well as for his outstanding performance of duty.

Both of his supervisors noted that ADAN Jefferson devotes much of his free time to study.



ADAN Quintin L. Jefferson

New law enables workers over 70 to remain on job

A new law, which repeals the mandatory separation of employees at age 70, has been signed by President Jimmy Carter, and will go into effect on Sept. 30, 1978.

Federal government employees who reach age 70 prior to Sept. 1, 1978, will continue to be covered by the present law and must be separated unless prior approval of their continued employment is obtained.

However, under the 1978 amendment to the Age Discrimination in Employment Act, federal employees who become 70 years of age on or after Sept. 1, 1978, will be covered by the new law and will not be separated because of their age.

The new law repeals Section 3322 of Title 5, U.S. Code, which prohibited the hiring of employees age 70 or older in other than a temporary position.

Anyone with questions regarding this new law can obtain additional information by calling Nancy Cleland at NWC ext. 2018 or 2592.



JOINS REGULAR NAVY — LCdr. S. Roberta Gunnett, the Naval Weapons Center's flight surgeon, is sworn into the regular Navy by Capt. R. W. Taylor, Officer-in-Charge of the Branch Medical Clinic. LCdr. Gunnett, who was formerly a Reserve Medical Corps officer, was selected by a board of officers for augmentation into the regular Navy. The swearing-in ceremony took place recently in Capt. Taylor's office. —Photo by Ron Allen

Two-week U.S. Savings Bond campaign at Naval Weapons Center begins on June 14

The 1978 Savings Bond Campaign at the Naval Weapons Center will begin on June 14 and continue through June 28.

During that two week period, NWC civilian employees and military personnel will be given an opportunity to join the Payroll Savings Plan or, if already enrolled, to increase their allotment.

Local Savings Bond Campaign coordinators from each of the departments on the Center will contact employees and military personnel to discuss some of the advantages of purchasing U.S. Savings Bonds.

Also planned is a meeting for the purpose of providing additional information about Savings Bonds that will be held at 2:30 p.m. on Monday, June 12, in the Sidewinder Room of the Community Center.

At that time, Tom Madara, an area representative on the U.S. Savings Bonds division staff of the Treasury Department, will discuss the Savings Bond program and show a film which stars the cast of the popular TV series "Alice."

Some of the reasons many persons have for purchasing U.S. Savings Bonds are:

For Education of Children: Interest on bonds purchased in the name of a child or grandchild may not be taxable if the bonds are cashed before the child becomes a taxpayer. This feature makes them as valuable as investments paying a higher but taxable interest.

For Retirement: If you buy bonds now and hold them until after retirement, you'll pay less on the interest or maybe none at all. That's because your income will be lower after retirement which can put you

into a lower tax bracket. Taxes can be even further postponed by converting Series E Bonds into H Bonds.

For Safety: Savings Bonds are the safest investment in the world. They're guaranteed against loss, theft, or destruction. And the interest return — 6 per cent when held until maturity of five years — is not subject to any state income tax.

Science positions established at War College, Academy

Two positions in the fields of physical science and research, sponsored by the Chief of Naval Research, have been established — one each at the U.S. Naval Academy in Annapolis, Md., and the Naval War College in Newport, R.I.

The individuals chosen to fill these two posts will be responsible for providing research and development input continuity to the curriculum at these two institutions, and will engage in in-house strategic/tactical research projects.

In order to be eligible for selection, applications must have a Ph.D. or equivalent experience in the physical sciences, experience in managing a multidisciplinary research program, the ability to interact effectively with diverse groups, and must have recognized scientific stature.

Selections for appointments that will be from one to four years in duration will be made by the Chief of Naval Research, with the concurrence of the superintendent of the Naval Academy and the president of the Naval War College.

Persons who meet the stringent qualifications and are interested in applying should forward a copy of their personal qualifications statement (SF-171) to the Director, Personnel Services Division, Ballston Tower No. 1, Rm. 823, 800 N. Quincy St., Arlington, Va., 22217, and refer to Announcement No. 78-33.

Additional information about these positions can be obtained from Ms. Michel Talbot by calling (202) 696-4708.

Overseas teachers may apply for DoD back pay

The Department of Defense (DoD) has announced that teachers employed by the DoD Overseas Dependents School System between April 14, 1966, and June 30, 1975, have until November 1978, subject to court approval, to apply for back pay entitlement under a court judgment issued in June of 1975.

Former DoD overseas school teachers who have not yet applied for back pay should contact the NWC Employee Management Relations Division (Code 091).

Series of meetings on Employee Assistance Program starts Mon.

Reservations are still being taken, but must be made no later than Monday, for a luncheon next Wednesday, June 7, at the Chief Petty Officers' Club. This event will highlight a week of special activities that have been planned to focus attention on the Naval Weapons Center's Employee Assistance Program.

Luncheon reservations can be made by calling Carol Corlett or Stella Payne at NWC ext. 2574. Those attending will have the choice of a steak sandwich (\$3) or a chef's salad (\$2).

Purpose of the five days of panel discussion and seminars that have been

'Sounds of Music' to play again tonight for CPO Club dance

The "Sounds of Music" return once again to the Chief Petty Officers' Club tonight, but this time for a patio dance, which is scheduled to begin at 8:30.

The dining room menu tonight will feature the club's regular Friday night prime rib special.

Registration is closed for the CPO Club's annual Golden Anchor Golf Tournament with more than enough entrants to meet the limit of 50 two-man teams, George Barnard, club manager said.

The tournament will be held this weekend and will be accompanied by a round of associated CPO Club activities including a steak barbecue at 7 p.m. tomorrow followed by a patio dance and, then, an awards ceremony in the club's ballroom at 3:30 p.m. Sunday.

Golfers will begin tournament play tomorrow morning at 9 o'clock with a shotgun tee-off at the China Lake golf course.

Youths 14-17 sought for Marine Reserve Devil Pup program

The Marine Corps Reserve Devil Pup program is once again recruiting local youths 14 through 17 years of age who are interested in spending 10 days (from July 19 to 28) at the Camp Pendleton Marine Corps Base near Oceanside, Calif.

Participants in the Devil Pup program will participate in conditioning exercises, receive instruction in unarmed self defense measures, go on field marches and overnight bivouacs, and be able to observe the regular Marines in whatever training they may be engaged in at the time.

Recreational activities will include attending movies and beach parties.

Additional information can be obtained by calling Mollie McKinney at 375-7857, or writing to her at 817-A Balsam St., Ridgecrest.



K-9 CLINIC — Dr. Greg Quackenbush, a veterinarian from Bakersfield, gives a China Lake resident its shot during a two-day rabies clinic held here recently. More than 1,000 shots were given and more than 1,340 dog licenses were issued during the two days the clinic was held at China Lake, Ridgecrest and in Inyokern.

scheduled is to provide all interested Centerites with information on the many and varied aspects of the Employee Assistance Program. The schedule for the week-long series of activities is as follows:

Monday, June 5: A lunch-time seminar on stress reduction, 11:30 a.m. to 12:30 p.m. in the Cactus Hall at the Community Center. The speaker for the seminar is Dr. Jerry Yates, nationally-known expert in stress management. The film "Your Own Worst Enemy," in which Dr. Yates appears, will be shown, and the effects of stress on job performance will be discussed. Participants should bring brown bag lunches.

Tuesday, June 6: A panel discussion on alcohol abuse. The panel will include Dr. David Stewart, NWC employee assistance program counselor; Dr. Rita McCullough, Desert Counseling Center; Bob MacKenzie, Management Analysis Branch; Grant Williams, NWC's deputy EEO officer; and Lynn Dodson Lacey, NWC employee assistance program advisor. The panel will be held from 1:30 to 3 p.m. in the Sidewinder Room of the Community Center.

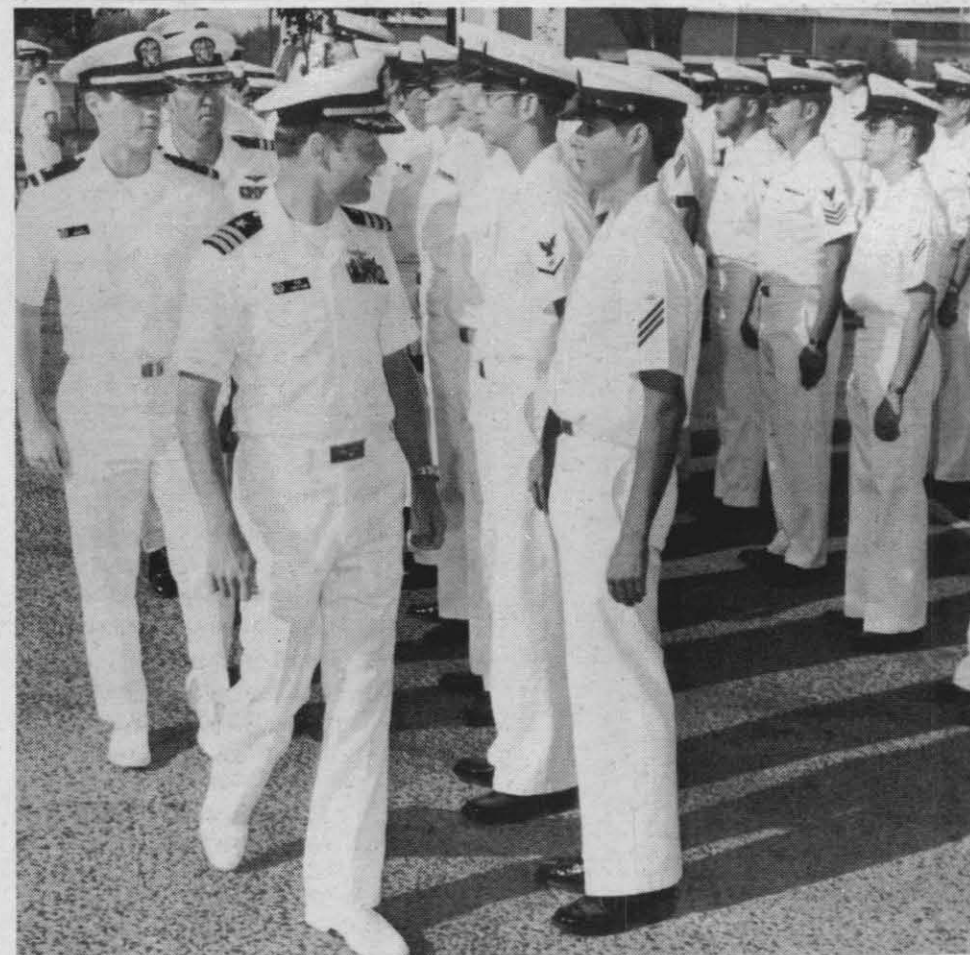
Wednesday, June 7: A panel discussion on management use of the employee assistance programs, 1:30 to 3:30 p.m. in the Panamint Hall of the Community Center. The panel will include Ken Burton, Desert Counseling Center; Analee LaRosa, NWC; Dr. Stewart, and Gaylord Long, National Council on Alcoholism.

A seminar on freedom and sobriety training, 7:30 to 9:30 p.m. in Rm. 103 of the NWC Training Center by Dr. Stewart.

Thursday, June 8: An employee assistance program weekly drop-in session by Dr. Stewart, 11:30 a.m. to 12:30 a.m. in Rm. 103, Training Center. This is a seminar consisting of lectures and discussions of interest to problem drinkers, substance abusers, supervisors of troubled employees, spouses or families of troubled employees, and those with personal or job performance problems such as anxiety, depression, lack of motivation, or loneliness. The sessions are open to all civilian and military personnel.

Friday, June 9: A weekly drop-in session led by Lacey and Jack Chandler, Desert Counseling Center, 11:30 to 12:30 p.m. in Rm. 103, Training Center. This is a seminar consisting of lectures and work by participants to shift their energy from upset (anger, depression, anxiety, guilt) to productive action. The seminars are open to all civilian and military personnel whose job performance is being affected by personal or job related problems.

Supervisors will receive credit towards their 80-hour training requirement for attendance at Employee Assistance Program Week activities.



INSPECTION BY NEW C.O. — Cdr. Rodney A. Knutson leads a party which inspected enlisted personnel of the Military Administration Department last Friday prior to his becoming the NWC's head of military administration and commanding officer of enlisted personnel. Following the inspection, Cdr. Knutson relieved Cdr. J. W. Ehl (second from left), who had been assigned to duty at the Naval Weapons Center since 1974 and has been reassigned to the Defense Nuclear Agency Field Command, Albuquerque, N.M. —Photo by Ron Allen

High school, jr. high graduation ceremonies set June 8, 9

Graduation ceremonies for 375 seniors at Burroughs High School and 220 eighth graders at Murray Junior High School will be held next Thursday, June 8, and on Friday, June 9, respectively.

Beginning at 8 p.m. next Thursday, the BHS athletic field will be the setting for the Class of 1978's graduation program. Members of the senior class will march to their seats as the processional, "Pomp and Circumstance," is being played by the high school band, directed by Don Wilkinson.

The pledge of allegiance to the flag, led by Stuart Young, student body vice-president, and the invocation, delivered by the Rev. Mickey L. McDowell, pastor of the Immanuel Baptist Church, will open the program, which also will include vocal music selections by a quartet composed of Karen Karner, Dori Johnson and Glenda Davis and solos by Charlotte Boyd and Miss Karner.

Commencement Speakers

The first commencement address of the evening, entitled "Dreams," will be presented by Kathleen Donoghue, a member of the senior class, and the guest speaker will be Jay Carty, a 1958 graduate of Burroughs High School.

Carty, a former professional basketball player and college coach, is now the director of a summer youth retreat at Blue Jay in the San Bernardino Mountains. The subject of his remarks will be "Chasing After Happiness."

Prior to the presentation of the Class of 1978 by Harold Reid, local high school principal, there will be a farewell speech to the graduates by Pollyanna Leon, senior class president, and the graduates will then receive their diplomas from Robert Sizemore, president of the Sierra Sands Unified School District's board of education.

The benediction by Rev. McDowell and **Clarification issued on ensign promotion dates**

The Bureau of Naval Personnel has issued clarification on the dates ensigns are to be promoted to lieutenant (junior grade).

Ensigns may be promoted to Ltjg. on an all-qualified basis by the commanding officer on the day following completion of 24 months of commissioned service. This is computed from the ensign date of rank rather than date of commissioning since the two frequently are different dates.

Charter officers to be installed by Fire Fighter's Women's Auxiliary

Presentation of the group's charter and the installation of new officers will highlight a dinner meeting of the China Lake Fire Fighter's Women's Auxiliary, which will be held on Saturday, starting at 7:30 p.m., at the Commissioned Officers' Mess.

The new officers of what will be the first women's fire fighter's auxiliary in the Department of Defense will be installed by Rene Bailey, from the Ontario Fire Department Women's Auxiliary — a group which has provided guidance in all phases of organizing the local unit.

More than 40 members have joined the China Lake Fire Fighter's Women's Auxiliary, and from this charter membership group those chosen to lead the organization during its first year are: Byrdie Rightmer, president; Dottie Whitnack, vice president; Karen Rivers, treasurer; Dodi Holley, secretary, and Tomya Stensaas, historian.

Distinguished Guests

Distinguished guests at this affair will include Mrs. William L. Harris, wife of the NWC Commander, who will welcome the visitors from Ontario, Calif., and guests.

Included among the latter will be R. M. Hillyer, NWC Technical Director and Mrs. Hillyer; Capt. F. H. M. Kinley, NWC Vice Commander, and Mrs. Kinley; W. E. Davis, NWC Director of Safety and Security, and his wife; Harry Parode, head of the NWC Office of Information, and his wife; Don

Cheize, Mayor of Ridgecrest, and his wife; and Dr. Cloyce Odom, administrator of the Ridgecrest Community Hospital, and his wife.

Chaplain R. C. Wallace, who heads the Military Administration Department's Counseling Assistance Center, will deliver the opening and closing invocation and benediction, and there will be brief talks during the evening by Capt. Kinley, Davis and China Lake Fire Chief R. E. Rightmer.

A tour of the Naval Weapons Center has been arranged on Sunday for the group of nearly 20 visitors from the Ontario Fire Department who are expected to be here for the installation ceremony and charter presentation.

Mobile blood bank schedules visit to Ridgecrest Tuesday

The final visit to Ridgecrest until next October of the Houchin Community Blood Bank's mobile unit from Bakersfield is scheduled on Tuesday, from 1 to 6 p.m. at the Ridgecrest Elks Lodge, 200 E. Church St.

By donating a pint of blood, local residents who are in good health and are between 18 and 65 years of age will have the opportunity to be a "good neighbor" to someone in need.

According to Kay Thoms, chairman of the Indian Wells Valley Blood Bank's Advanced Fund, there is another local leukemia victim who is in need of blood. Donors may designate the person to whom their blood is to be given, or contribute a pint of blood for use by whomever may need it.

Those who donate blood in a particular patient's name must, however, follow up and contact Mrs. Thoms by calling 375-4323, since she is the only person in this part of Kern County who can arrange for the release of blood from the Houchin blood bank.

On Tuesday, prospective blood donors will be checked by a doctor or nurse during the mobile blood bank's visit and are asked not to eat any dairy products or fatty foods within three hours prior to the time they come in to donate blood. Anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, or syphilis is banned from giving blood.

Popular class in mountaineering to begin on June 12

A popular summertime class in basic mountaineering will begin at 7 p.m. on Monday, June 12, at Cerro Coso Community College.

The 12-session course, which is taught by members of the China Lake Mountain Rescue Group, will include five indoor sessions during which students will learn the various knots that are used by mountain climbers, and also will be shown film slides of mountain climbing expeditions.

On Tuesday, June 13, members of the class will assemble outside the NWC main gate and then leave in a caravan of private vehicles for Bill's Butte in Indian Wells Canyon, where the first of seven outdoor practice sessions will be held.

Small groups, each with an instructor, will learn the basics of mountain climbing by practicing on the rock slopes of Bill's Butte. Students with similar degrees of rock climbing ability will be grouped together for this part of the training.

Before the class is concluded, there also will be a one day and an overnight trip to the Sierra Nevada Mountains. During these outings, students will be able to select climbs of various degrees of difficulty depending upon how well prepared they are.



MISSILE'S INNER WORKINGS EXAMINED — During a recent visit to the Naval Weapons Center, Vice Admiral S. L. Gravely, Jr., Commander of the Third Fleet, had the opportunity to learn about work which is underway here on the Sparrow AIM-7F missile. Don Lockwood (at left), the assistant program manager for the Sparrow missile, is discussing the differences between two versions of the missile — the earlier AIM-7E model and the AIM-7F for which the Naval Weapons Center is the technical cognizance activity. Listening to Lockwood's presentation are (l.-r.) Robert Hillyer, NWC Technical Director; Rear Admiral William L. Harris, NWC Commander; Vice Admiral Gravely and Rear Admiral James Greulich, USNR, Commander of Region 20 of the Naval Reserve Readiness Command, who was traveling to Washington, D.C., with VAdm. Gravely. The high ranking Navy officer also heard presentations about NWC's Fleet support function and the work of the Weapons Planning Group and witnessed a demonstration of the imaging seeker surface-to-surface missile. —Photo by Ron Allen

Happenings around NWC

Auditions will be held next Thursday and Friday, June 8 and 9, at 7:30 p.m. at the Las Flores School auditorium in Ridgecrest for a benefit show to raise money for the Community Light Opera and Theater Association (CLOTA) building fund.

Members of the CLOTA board of directors, headed by Herb Childers as president, will direct "The Wrong Show," which will be similar in format to the popular "Gong Show" on television.

Local area residents are invited to the auditions during which the directors will be on the lookout for both "usual and unusual acts."

A panel of six local celebrity judges will decide the winners of cash prizes and other awards when the "Wrong Show" makes its debut on the evenings of June 16 and 17 at the Community Center.

This fund-raising event is to be both a dinner and show. Tickets, priced at \$7 each, will go on sale in about a week.