WILDFLOWER FESTIVAL PLANNED — The 27th annual Wildflower Festival, to be sponsored by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM), will be held on April 27 and 28 in the Community Center from 1 to 9 p.m. on Saturday and 10 a.m. to 6 p.m. Sunday. Among those who recently met to participate in planning for the affair were standing (l. to r.) Ditty Riggs, registration chairwoman; Clarine Pugh, general chairwoman of the Wildflower Festival; Mef McAllister, publicity; Dr. Kristin Berry, wildflower identification; Lorraine McClung, business manager, and Marianne Kistler, wildflower displays chairwoman. Seated are (l. to r.) Barbara Alderton, wildflower stationery chairwoman; Betty Sturman, wildflower pickers chairwoman, and Tillie Barling, picking permits chairwoman. Parking and admission are free. In connection with the festival, the Maturango Museum will conduct field trips for passenger cars to petroglyph sites on the Center each day. A picnic lunch and water should be carried and a fee of $2 per car will be charged. The Museum will also exhibit, for the first time, Indian artifacts excavated from the Ray Cave found very near Little Petroglyph Canyon on the Center. "Creosote Chris," a wild burro born in a desert wash will welcome visitors to the Museum during the festival.

SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED
General Audiences
(PG) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
CS - Cinemascope
STD - Standard Movie Screen
Regular starting time—7:30 p.m.
Matinee—1 p.m.

FRI. 12April

"THE STING" (129 Min. - Released Dec. 73)

Paul Newman, Robert Redford

(Comedy) Academy Award winner as "Best Picture of the Year." In six acts, the old con game is played. Robert Shaw, banker and racketeer, runs a numbers empire in Illinois in 1936. A Joliet runner, James J. Sloyan, is victimized by con artists Robert Redford, Robert Earl Jones and Jack Kehoe. When Jones is killed, Redford swears revenge. He contacts Jones' friend Paul Newman, a master con man now down on his luck. (PG)

NOTE—1st showing, 7:30 p.m.; 2nd showing, 10 p.m.

SAT. 13 April

—FAMILY MATINEE—

"LATTITUDE ZERO" (99 Min.-Science Fiction)

Joseph Cotten, Caesar Romero

—EVENING—

"DEAF SMITH AND JOHNNY EARS"
(92 Min. — Released June 73)

Anthony Quinn, Franco Nero

(Western) Anthony Quinn is Deaf Smith, a deaf-mute, in partnership with Johnny Ears, played with flamboyant energy by Franco Nero. Shortly after Texas won its independence from Mexico, the team is asked by San Houston to locate and destroy a band of rebels dedicated to creating a new dictatorship which would block the entrance of Texas into the United States. (PG)

SUN. & MON. 14-15 April

"THE GODFATHER" (174 Min.)

Marlon Brando, Al Pacino

(Action Drama) The story focuses on the New York-based Mafia family of Don Corleone, which is observed in transition from a state of great power in the mid-40s through a period of crisis, threat, and turmoil, and into a new era in the late '50s and early '60s, when hoods begin a full-scale involvement in the hard-drug market and also begin a wholesale invasion of legitimate business. (R)

TUES. & WED. 16-17 April

"WILLIE DYNAMITE"
(102 Min. — Released Dec. 73)

Roscoe Orman, Diana Sands

(Drama) Willie Dynamite (Roscoe Orman) is sitting on top of the world. Although he is only number two procurer in Manhattan's jungle, his girls are top-rated, his clothes, car and taste are of the highest quality--and the living is easy. The force of Willie's desire to make it to the top, and the determination of top man Bell (Roger Robinson), to remain number one, collide violently. When the police begin to pour on the heat, Bell starts to organize his fellow procurers, but Willie decides to go his own way and let the chips fall where they may. (R)

THURS. & FRI. 18-19 April

"THE SLAMS" (90 Min. - Released Sept. 73)

Jim Brown, Judy Pace

(Action Drama) In robbing a group of Mafia henchmen of $1.5 million and a cache of heroin, three men use cyanide gas to kill them. Jim Brown then has to kill his partners before they murder him. Wounded by Robert Phillips, Brown hides the loot and gets rid of the dope, then is sentenced to prison on stolen car and concealed weapons charges. Once in "the slams," Brown finds everyone wanting to make a deal for the loot. (R)

Exchange Open Mondays

Hours of operation at the Navy Exchange, which previously had been closed on both Sunday and Monday, will be changed beginning April 15.

Beginning next Monday and continuing thereafter, the Navy Exchange will be open every Monday from 10:30 a.m. to 5:30 p.m.

From _____
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TO _____
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PLACE STAMP HERE

Recognition Gained for Photos

Members of the China Lake Photographic Society have been winning many recent awards in a number of stiff competitions.

At the National Date Festival, held in late February in Indio, Calif., Dale Baker won a trophy for a color print in the color class, one of only three trophies awarded in that class. Also taking home honorable mention ribbons from that show were Baker for another color print, and Clare Grounds, Art Spiegel, and Bob and Nancy Diehl for outstanding black-and-white work.

The Bob Oefinger competition, held by the Wind and Sun Council March 9 in Pomona, earned ribbons for Dale Baker, Clare Grounds, and Bob Diehl.

More honors came to the local photo group at the National Orange Show, held in mid-March in San Bernardino. "This is an international print competition that is also sponsored by the Photographic Society of America," Dale Baker, Photo Club member, explained. "With such stiff competition, it's an honor just to have a picture accepted."

Winning acceptance were Art Spiegel for a print, M. L. Speckels for a slide and Betty Speckels for a slide. Mrs. Speckels also won three awards in Class B in the Ernie Vaughan slide competition, and two awards in Class B in the Bill Martens nature competition. M. L. Speckels won an award in Class A in the latter competition.

Brunch Planned On Easter Sunday At Officers' Club

A festive Easter Sunday brunch is planned as a family occasion by the Commissioned Officers' Mess this Sunday from 9:30 a.m. to 1 p.m. A variety of good things to eat will be prepared for the buffet-style meal, including eggs Benedict, scrambled eggs, bacon, ham, sausage, hash brown potatoes, pancakes to order, and a variety of juices.

For $2.75 adults will get all this plus champagne; for $1.50 children will receive brunch and a chance to participate in an Easter egg hunt.

Although it is not necessary to make reservations, Drake Dierkheising, club manager, suggests reservations would be prudent for this popular occasion.

Other activities scheduled at the COM during the coming week include danceable music by the Good Times Music Co. from 8:30 p.m. to 12 a.m. both tonight and next Wednesday, April 17.

Players To Present 'Lovers' at COM Next Two Weekends

A cast has been selected and rehearsals are well under way for the China Lake Players' production of "Lovers and Other Strangers," to be presented "in the round" at the Commissioned Officers' Mess at 9 p.m. on April 19, 20, 26 and 27.

A smash hit when it was performed at the COM more than a year ago, "Lovers" contains four episodes, each exploring a different facet of the man-woman relationship.

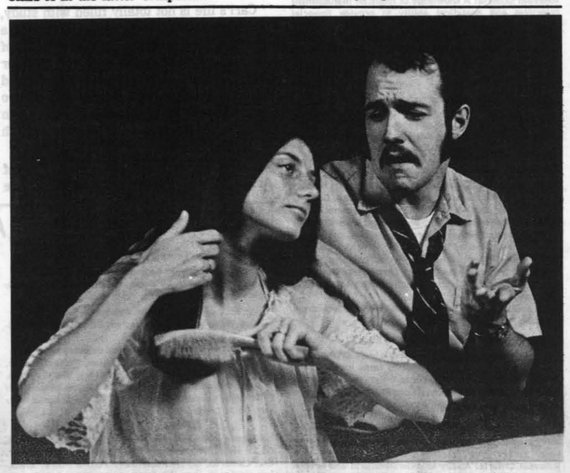
Ginger Bartlett, Jerry Harper, Fred Stahlman, Judy Vuono, Cherryl Bruce, Wes Willett, Jacquie Jessberger, Ralph Vuono, Doug Blew and Gay Gandolfo will portray loving antagonists who demonstrate to the audience that lovers and relatives are nothing more, nor less, than closer strangers.

Many of these players were seen in the same roles the last time the play was presented; others are promising newcomers.

Drake Dierkhising, manager of the COM, has emphasized the importance of early reservations for seats to this production. Many performances were sold out well in advance during the show's last run. Reservations may be made by calling 446-2549.

A price of $5.25 entitles the playgoer to a buffet dinner in addition to the play. Seats for the play alone will be sold at $1.50, Dierkhising said, but only after all dinner patrons have been accommodated first.

The dinner will consist of hanging beef, crab and scallop Newburg, barbecue ham, onion casserole, assorted vegetables and salads.



PRE-WEDDING JITTERS — In one of the four episodes of "Lovers and Other Strangers," Wes Willett, as Mike, makes a hysterical early morning call on Cherryl Bruce, as Susan, to announce "I'm not getting married!" Directed by the China Lake Players' Kenneth Austerman, "Lovers and Other Strangers" will be presented at the Commissioned Officers' Mess on April 19, 20, 26 and 27. For reservations, call 446-2549. —Photo by Ken Austerman

nwc rocketeer

Naval Weapons Center
China Lake
California

Vol. XXIX, No. 14

April 12, 1974

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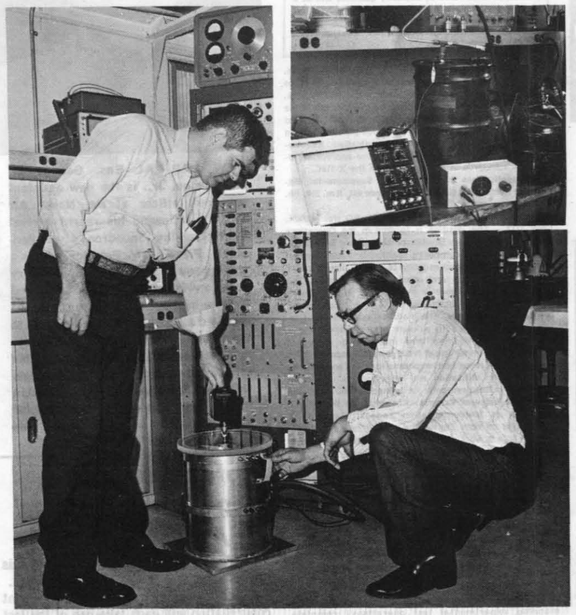


READY FOR THE FLEET — Dick Settles (l.), and Chuck Arnold, an electronic technician and mechanical engineering technician, respectively, in the Weapons Support Branch of the Engineering Department's Fleet Engineering Division, examine a newly manufactured test unit that will soon find its way to a Naval Weapons Station. In the inset at the top is the original test set developed by the two men from material picked up at the dump. The new test set solved a problem plaguing field units that were unable to test transducers in the Shrike missile control section.

Test Set Developed For Inspecting Shrike Missile Control Section Tranducers

Two NWC employees have developed a test set to inspect Shrike missile control section transducers at the Naval Weapons Center level. A need arose in late 1973 for the test capability. Previously, this capability had only been required at the depot level of inspection.

The Weapons Support Branch of the Engineering Department's Fleet Engineering Division was asked by the Shrike Program Office to determine if a small vacuum chamber could be constructed and used to make the tests, and to develop the procedures for its use.

The call for help was answered by Dick Settles, an electronic technician, and Chuck Arnold, a mechanical engineering technician. The two men borrowed an X-Y recorder from Chris Hinzo of Code 5523, visited the dump and picked up a packing can and a motor from an old refrigerator.

No Expense for Equipment

At a total cost of zero dollars for equipment, the men built the required test set, and found that it worked. Without removing the transducer, the control section was placed into the can and the vacuum pump was used to simulate altitude conditions. At the proper altitude, a light was to come on. If the light did not come on, or became operative at the wrong altitude, then the men knew that the transducer was not working properly.

After some refinement, the unit has been fabricated locally and officially designated the "TTU-341/E Barometric System Test Set." Produced at a cost of $662, including labor, the test sets are now on their way to Naval Air Station at Subic Bay, Philippine Islands; the Yorktown Naval Weapons Station in Virginia; to Fallbrook Annex at Seal Beach, Calif., and to the Naval Weapons Station in Concord, Calif.

Reminiscent of the type of innovative work done at NWC by such pioneers as Dr. W. B. McLean, who built an early version of the Sidewinder in his garage, the invention of Settles and Arnold has been accepted into the Fleet in nearly record time.

"With a little overtime, and a lot of ingenuity, this problem was solved in short order at little cost to the government. It is a substantial contribution to the potential effectiveness of the Shrike weapons system," said Jack H. Patterson, head of the Shrike Program Office. "The men are to be congratulated," he added.

Thompson Awards To Be Presented During Advisory Gp. Meeting

Presentation of the L. T. E. Thompson awards during a no-host reception and dinner will be among the highlights of a meeting to be held next Thursday, April 18, by the Naval Weapons Center's In-house Advisory Group.

The Thompson award is the Center's highest recognition for outstanding individual achievement. Given in honor of the Center's first Technical Director, Dr. L. T. E. Thompson, it is presented to NWC employees who have demonstrated extraordinary dedication to the mission of the Center, in addition to fulfilling other demanding qualifications.

Members of the NWC In-house Advisory Group (all from Washington, D. C.,) who will be here on April 18 are Vice Admiral L. L. Lee, Commander, Naval Air Systems Command; Rear Admiral R. P. McKenzie, Director of Aviation Plans and Requirements for the Chief of Naval Operation; Rear Admiral S. T. Counts, Deputy Commander for Systems and Acquisition in the Naval Ordnance Systems Command; Rear Admiral J. S. Lake, Vice Commander of the Naval Electronic Systems Command, and Rear Admiral R. W. King, Deputy Commander for Research and Development, Naval Ship Systems Command.

Reservations to attend the reception and dinner, which is to be held in the Mojave Room of the Commissioned Officers' Mess, should be made no later than 4:30 p.m. Tuesday by calling NWC ext. 2634.

AMS3 James Vaughan Selected As NWC Bluejacket of Month

Characterized as "one of the most impressive young petty officers at the Naval Air Facility," AMS3 James A. Vaughan has been named Bluejacket of the Month for April.

An employee of NAF's Transport Line Division, Vaughan was recommended for this honor by Lt. S. W. Bell, Line Division Officer, who cited the "enviable reputation enjoyed by the Transport Line Division . . . and the long and demanding hours spent in fulfilling the many requirements placed on this division."

Stating that these requirements "have been met in a manner and degree seldom experienced in Naval aviation," Lt. Bell named Vaughan as "one of the outstanding individuals who has helped to make this feat a reality.

Tops on the Job

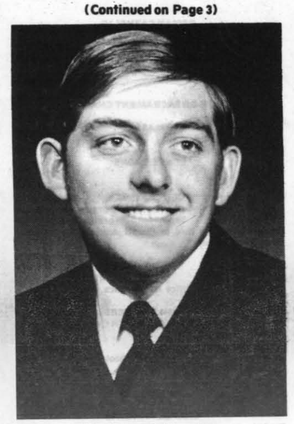
"Through professional experience, devotion to duty, and a healthy respect for teamwork, he had qualified as check crewman and maintenance man on C131, C117, and U3A aircraft," Lt. Bell continued, praising Vaughan for "efficiently and cheerfully carrying out his tasks."

The April Bluejacket was born in Anahuac, Tex., and grew up in Sour Lake, Tex., where he completed the 11th grade. His enlistment in the Navy led from a boot camp assignment in Orlando, Fla., to training at the Aviation Structural Mechanics School in Memphis, Tenn., and from there to his July 1972 arrival at China Lake.

Since that time, he has served at NAF as air crewman aboard both C131 and C117 aircraft and has done structural work on these two big cargo planes, as well as on the U3A.

Since he joined the Navy, Vaughan has earned his high school diploma through GED high school equivalency tests. And, since he has been in China Lake, he has been married. He met his wife, Shirley, who hails

(Continued on Page 3)



AMS3 James A. Vaughan

Rec. Council Budget for '75 To Be Reviewed

Action approving the expenditure of $2,100 for improvements to the former Shopping Bag Market annex (which is slated for conversion into a youth gym) and the appointment of a committee to review the proposed 1975 budget highlighted Tuesday morning's meeting of the Joint Navy-Civilian Recreation Council.

The funds earmarked for the youth gym are slated for use in installing new flooring as well as basketball backboards and hoops. When this work is completed, the availability of this additional recreation facility will ease some of the scheduling problems and crush on the use of the Center's gymnasium.

The proposed '75 operating budget, submitted by John Shoaf, director of the Special Services Division, estimates expenditures totalling $496,840--up approximately $2,000 over the past year.

Sources of Income

Sources of income are the Employee Services Board, $52,900; Navy Exchange, $32,000, and income from operation of various facilities and entry fees paid by teams competing in intramural sports is expected to bring in the remaining $411,940.

This is a planning budget, Shoaf stressed, since much of the income is dependent upon the degree of interest and participation in the numerous athletic programs that will be offered.

Cdr. C. D. Brown, chairman of the Recreation Council, selected three Council members to serve as a committee to review the proposed budget and make their initial report regarding it at next month's meeting. The committee members are Lt. E. N. Smith, the Navy Exchange Officer; Lt. T. K. Schebr, representing VX-5, and Louis Thompson, a Council member from Central Staff.

Among other business taken up at this week's Recreation Council meeting, an outlay of $300 for FY'75 was approved for the China Lake Community Council to cover the

(Continued on Page 3)

SHIPS OVER FOR FOUR MORE YEARS — MACS Charles M. Johnson, who re-enlisted for four years, is shown being sworn in by Capt. E. M. Crow, Commanding Officer of the Air Test and Evaluation Squadron Five during a recent ceremony at VX-5. Chief Johnson, who is a 20 year veteran of the U.S. Navy, reported to VX-5 in June 1973. He currently serves as VX-5's leading chief. He and his wife, Sal, live at China Lake. —VX-5 photo

Easter Services

At NWC All Faith Chapel

Date	Service	Time
	PROTESTANT	
April 12	Good Friday Service	4:45 p.m.
April 14	Easter Service	10:15 a.m.
	CATHOLIC	
April 13	Holy Saturday	6 p.m.
	Easter Vigil & Confirmation	
April 14	Easter Sunday Masses	8:30 & 11:30 a.m.

A HAPPY EASTER TO ALL

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

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NWC Commander

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Technical Director (Acting)

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PHAN Shellie K. Reed, PHAN Joe Dunn

Staff Photographers

DEADLINES:

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.

The Rocketeer receives American 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 Nav Exos P35, revised July 1958. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

Phones 3354, 3355, 2347

DIVINE SERVICES

PROTESTANT

Sunday Worship Service	1015
Sunday School — All Ages	0900
Wednesday Noon Bible Study	1130

Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant.
Communion Service first Sunday of the month.

ROMAN CATHOLIC

MASS

Saturday	1700 fulfills Sunday obligation
Sunday	0700 0830 1130

BLESSED SACRAMENT CHAPEL

MASS

Daily except Saturday	1135
First Friday only	1135 1635

CONFESSIONS

Saturday	1545 to 1645
Sunday	0800 to 0825

CCD CLASSES

Sunday	Kindergarten thru 6th grades	1015
Wednesday	Seventh and 8th grades	1900

Above classes are held in Chapel Annexes across from Center Restaurant.

As announced	Ninth thru 12th grades
	"In Home" Discussion Groups
	Monthly Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL

Friday 1st and 3rd ONLY	
Sabbath Services	2000
Saturday Sabbath School	0900

UNITARIANS

CHAPEL ANNEX 95

Sunday	Services	1930

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filled with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2069. Current applications (5F-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employee's present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Heavy Duty Equipment Serviceman WG-5806-06, JD No. 303-1, Code 70764 -- Performs semi-skilled work on all types of heavy duty equipment. Utilizes technical instructions, manuals and other publications which are applicable to the heavy duty equipment to be serviced, repaired and maintained in order to keep this equipment in good operating condition. **Minimum Qualification Requirements:** Rating will be on the basis of the appropriate J-Element Standards in accordance with the X-118C.

File applications for above and Supplemental Experience Forms with Dora Childers, Code 657, Rm. 210, Ph. 2032.

Electronics Engineer, GS-855-11 or 12, PD No. 7437021, Code 3713 -- This position is located in the Operations Branch, Air Operations Division of the Test and Evaluation Department. The incumbent's position is Radar Section Head and has the responsibility of supervision of radar operators and design and development personnel. The Radar Section is presently modifying 6 Nike-Hercules radar systems and installing at various locations for support of range tests. The modification consists of installation of encoders in azimuth and elevation and a digital ranger. Monitors and investigates electronic trajectory systems for use at NWC ranges. Responsible for coordination of range test requirements with range radars for maximum utilization and effectiveness. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Knowledge of theory and operation of instrumentation radars. Requires a background on both digital and analog radar systems. Must be able to work effectively with project engineers to obtain necessary test results.

Engineering Technician, GS-802-11, PD No. 7437020, Code 3723 -- This position is located in the Ground Ranges Branch, Ground Operations Division of the Test & Evaluation Department. The incumbent will be responsible for range preparation, safety and conduct of experimental tests. Originates detailed safety and operational procedures. Plans and supervises small arms ammunition loading. Designs and fabricates accessory equipment required for launchers, gun pods, ammunition loading equipment and instrumentation mounts. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Knowledge of and experience planning experimental test operations; complete knowledge of specifications relating to ordnance devices and systems; demonstrated ability to design test operations.

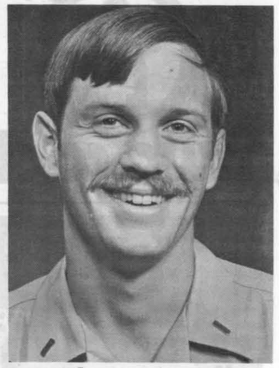
File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Electronics Technician, GS-856-5/6 or 7 (1 Vacancy), PD No. 7455042, Code 5531 -- Applications will be accepted from current NWC career or career-conditional employees only. This position is located in the Guidance Branch, Product Design Division, of the Engineering Department. Duties include systems test and instrumentation and subsystems and Component Fabrication and Test. Incumbent performs functional tests on missile radio frequency and guidance systems. Assists in the analysis of equipment design or procedural changes to improve quality and efficiency of test operations. Incumbent, in addition to microwave equipment, also works with video instrumentation. **Job Relevant Criteria:** Familiarity with basic microwave concepts. Familiarity with electronic systems operation, test and maintenance. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

File applications for above with Linda Grossman, Bldg. 34, Rm. 204, Ph. 2925.

Clerk-Typist, GS-322-3 or 4, PD No. 7350014, Code 3372 -- This position is located in the Mechanical Design and

(Continued on Page 7)



NEW ARRIVAL--Ens. George W. McFetridge, Jr., is the new assistant personnel officer at the Naval Air Facility, following his recent arrival from Training Squadron 4 at Pensacola, Fla. Ens. McFetridge, who is a 1972 graduate of the U.S. Military Academy, is from San Jose, Calif., and (following a competitive exam) received a Presidential appointment to West Point. In transferring to the Navy, he is following in the footsteps of his father, Cdr. George W. McFetridge, USN, Ret. Upon being commissioned in the Navy, he was sent to Pensacola for flight training, which preceded his assignment to duty here.

Protestants Slate Good Friday Service At All Faith Chapel

A Good Friday Service will be held this afternoon at 4:45 in the All Faith Chapel.

Seven laymen from the Protestant congregation will each take one of the last words of Christ from the Cross and tell what it means to them in this present day. These brief talks will be interspersed with hymns, Scripture reading and prayer.

The service will be led by Darryl Silberberg. Those speaking will be Mrs. Janet Manning, Mrs. Henrica Bush, Mrs. Mary Bastedo, Steve Zelmer, Paul Hiller, Marvin Backman and Floyd Castillo.

Easter worship will be on Sunday at 10:15 a.m. Ray Blume will present a 15-minute organ prelude of Easter music beginning at 10. Special music will be presented by both the Junior and Senior Choirs of the Chapel.

The Easter message by Chaplain Robert E. Osman is titled, "Removing the Stones." This will be centered around the stones of unbelief, sentimentality, and indifference that face so many and that prevent enjoying the full message of Easter.

Aux. Bishop to Military Vicar To Conduct Easter Vigil Service

An Easter Vigil Confirmation service for a group of some 25 members of the Catholic congregation at the NWC All Faith Chapel will be held tomorrow (Holy Saturday), starting at 6 p.m.

The Sacrament of Confirmation will be administered by the Most Reverent William J. Moran, D.D., Auxiliary Bishop to the Military Vicar, who travels to U.S. military bases throughout the world performing this ceremony.

A luncheon is slated at the Commissioned Officers' Mess for all those who will be confirmed on Holy Saturday, and a reception will be held from 8 to 9 p.m. in the East Wing of the Chapel following the confirmation service.

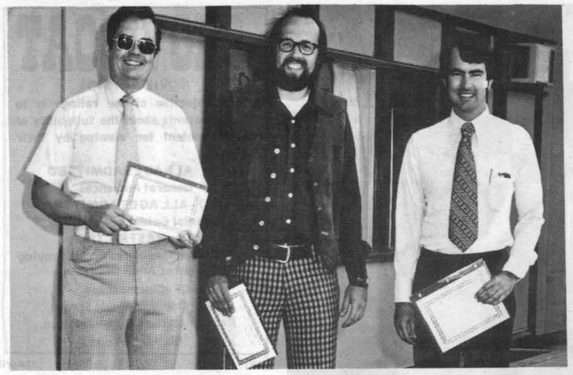
Bishop Moran, who was ordained a priest in 1931, was in a parish in San Francisco for two years. A reserve chaplain, he was then called to active duty with the Civilian Conservation Corps and served with the CCC at the Presidio in Monterey as well as in Idaho for a few years.

When World War II broke out, he was sent to England and was then in on the invasion of North Africa before being wounded in Sicily. He remained with the 5th Army in Italy and at the conclusion of World War II in Europe was serving as chaplain of the 10th Mountain Division (ski troopers).

Next for Bishop Moran came duty as chaplain of the U.S. 5th Army in Europe prior to becoming Chief of Personnel from 1948-50. A subsequent duty assignment took him to Korea and later he was stationed with the U.S. Army Headquarters Pacific in Hawaii.

The years 1957 and '58 saw him serving first with the Far East Command and then as chaplain of the Eighth Army before becoming the Deputy Chief of Chaplains--a post he held from 1959 until his retirement from the Army in 1966.

The first chaplain to be elevated to the position of bishop while on active duty, he was consecrated by Cardinal Spellman as a bishop in 1965. Since 1966 until the present time, he has been the Military Vicar at the Military Ordinariate.



PATENT AWARDS PRESENTED — Robert Hillyer, head of the Fuze Department, recently presented additional patent awards to a group of four present and former employees of his department. The recipients were (l.-r.) William R. Magorian, Michael R. Osburn, Stephen L. Redmond and Fredric L. Menz (not present for photo). Magorian's additional award followed a review of his invention for a coded induction rocket motor ignition system that minimizes accidental triggering and launch of a missile. Osburn, now employed in Code 4504, received his award for his work on a shot vortex arming device that senses spin and acceleration to allow the transmission of an explosive reaction between initiator and acceptor explosive charges. Redmond and Menz, who now works in Code 4541, shared their award for a binary explosive logic network that results in a selected explosive output to a missile warhead and eliminates the need for time delays in the explosive circuits. This network greatly increases the reliability and decreases the complexity of a given explosive logic circuit. —Photo by PHAN S. K. Reed

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Technical Branch, Engineering Division, Fuze Department. Incumbent types memoranda, reports, manuscripts, letters of a technical nature, etc. from handwritten drafts and verbal instructions. Incumbent is responsible for editing contents, correctness of grammar, punctuation, spelling and use of proper format. Also types itineraries, makes reservations and types travel orders. Receives visitors and telephone calls from other agencies, contractors and NWC personnel. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Must be a proficient typist. Must have the ability to comprehend technical terminologies. Must be familiar with policies and procedures for official correspondence. Ability to work independently.

Supervisory Engineering Technician, GS-802-12, PD No. 7433019, Code 3372 -- This position is Head of the Mechanical Design and Technical Data Branch, Engineering Division, Fuze Department. The incumbent is responsible for planning and managing work programs to provide mechanical design services for fuzes, fuze components, test equipment; provides final form drawings and specifications to document development and design efforts of the Fuze Department; maintains and controls all drawings and specifications under Fuze Department cognizance; provides consulting services to other parts of the department; and correlates responses to contractor requests for waivers, deviations, and engineering changes. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Must have in-depth knowledge of DOD and Navy documentation and configuration management policies. A special emphasis is required on weapons specification and MIL-D-1000 drawings format, and requirements. Must be proficient in written and verbal communications. A background in engineering design, development, and production experience.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371.

Clerk-Typist, GS-322-3 or 4, PD No. 700007-1, Code 00 -- This position will be filled on an intermittent basis. The position is located in the Office of the Commander, Naval Weapons Center, China Lake, and provides clerical support on an "as needed" basis. Duties include such things as typing all types of correspondence, receiving visitors, answering the telephone and other miscellaneous clerical functions. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Ability to deal with people with tact and diplomacy. Knowledge of Center organization. Knowledge of Naval correspondence procedures and terminology. **Advancement Potential:** GS-4.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 208, Ph. 2577.

Fire Chief, GS-081-10/11 or 12, PD No. 7184018, Code 842 -- This position is both the administrative and technical division head of the Fire Division Naval Weapons Center. The major duties and responsibilities of this position are to carry on a fire prevention and firefighting program for the Naval Weapons Center, which includes the Naval Air Facility. The incumbent establishes operating policy for the Fire Division and is responsible for its budgeting needs. The fire chief is responsible for establishing a firefighting training program and for devising advanced means of isolating, containing or extinguishing a wide range of experimental fire situations. **Minimum Qualification Requirements:** As outlined in CSC Handbook X-118. **Job Relevant Criteria:** The incumbent must be thoroughly familiar with techniques of fire fighting and fire suppression. He must be capable of organizing, planning, executing and leading a fire fighting force.

File applications for above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

Budget Analyst GS-560-5 or 7, PD No. 7317002-3, or Budget Technician GS-501-5 or 6 PD No. 7317059-1, (2 vacancies) Code 173 -- As Budget Analyst, incumbent will provide financial management services for one of NWC's technical departments. Will assist the technical department with the coordination of funds' acceptance, allocation, budget preparation, analysis and review of expenditures, and reports preparation. Specific areas of work include preparation and adjustment of direct and overhead budget documents, ADP reports interpretation and investigation, execution of department expenditure control policies. **Job Relevant Criteria:** A knowledge of financial management principles and analytical ability to provide financial management, a background in budgetary and accounting procedures, and a complete understanding of fiscal reports and task assignment structure in the Department of the Navy and the Center. **Promotion Potential:** GS-11. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

As Budget Technician, incumbent reviews expenditure of technical project funds and overhead charges to track spending rates in relation to planned rates. Ensures fiscal policies, procedures and guidelines are met and recommends corrective actions when necessary. Assists in budget, manpower and financial preparation of planning, working directly with Divisions, Program Office and Department Staffs. Locates, evaluates and reports funding problems to Technical Department Head and Code 17 RMA. Duties are accomplished with minimum supervision. **Job Relevant Criteria:** Background knowledge and understanding of budget/accounting reports, procedures and systems. Detailed knowledge of technical program operations. Demonstrated ability to exercise sound judgement in fiscal management. **Promotion Potential:** GS-7. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2676.

Job Opportunity

Cook, NA-7404/5 (2.62 p/h) -- This is not a Civil Service job. Performs "short-order" cooking tasks including the following: Prepares and cooks to order such things as hamburgers, hot dogs, chops, steaks, poultry, seafoods and potatoes. Seasons food and regulates cooking time and temperatures. May assist senior cooks in the preparation of a full range of quality cooking such as menu items involving special or difficult recipes and long preparation time. Serves food cafeteria-style to customers. **Job Relevant Criteria:** Ability to understand oral and written instructions; ability to work safely; ability to do simple arithmetic; knowledge of food service equipment; knowledge of characteristics of various foods prepared; ability to decide when food is cooked or done without overcooking; ability to seasen food according to set procedure; and must be able to lift 20 lbs.

File applications for the above with Tina Lowe, Ph. 2723, Rm. 206, Bldg. 34.

Registration Open In Spin Casting, Worm Fiddling Contests

What is worm fiddling? All local youngsters interested in answering this question and participating in this noble art may register before Monday, April 22, for a Spin Casting and Worm Fiddling contest to be held by the Youth Center on Monday, April 29, at 7 p.m. on Kelly Field.

Sign-ups for this event are being taken at the Youth Center. Youngsters wishing to enter the worm fiddling contest must register as teams of two, one of whom may be their mother or father. At the time of registration, a fiddle bow will be issued and the rules will be explained.

Those wishing to enter the spin casting portion of the contest must bring their own rod and reel to the contest and must also register before the April 22 deadline.

Employee In The Spotlight

Sir Francis Bacon once wrote that "Studies serve for delight, for ornament, and for ability."

Carl Helmick, who is employed as a physicist with the Physical Electronics Branch of the Research Department's Physics Division, could have been a model for that statement.

He has been involved in study, of one kind or another, most of his life. He earned a bachelor's degree in physics from the University of California at Riverside, and a master's degree from the University of Arizona in Tucson.

In addition, he has studied the cello, and music in general. He is an authority on the different periods of music and -- for ornament -- has studied and learned to play the tenor violin, a non-standard member of the violin family, as well as the Viola da Gamba, another family of bowed string instruments.

Likes Local Area

Carl came to China Lake in October 1970, when the Naval Ordnance Lab at Corona moved here. He was with the Applied Physics Division which merged with the Physics Division at NWC in July 1971. Although hesitant about relocating, the Helmicks have found the local area very pleasing. "Particularly the people," Carl said.

He has been active mainly in the investigation of the potential of imaging techniques, particularly infrared imaging employing pyro-electric detectors.

"Carl has proven to be an extremely valuable employee," said Fred Essig, who is not only Carl's branch head, but his division head as well. "Over the last year, he has specialized in the study of pyro-electric materials and their potential applications. He has been instrumental in stimulating interest locally and throughout the country, in the prospects of pyro-electric imaging systems.

Systems Prove Promising

"Such systems, although still in their infancy, offer promise of providing infrared imaging that would feature low cost, good reliability, uncooled operation and moderate resolution," Essig continued.

"Carl presented the results of his study at the Electro-Optical Systems Design Conference, held in New York City last September, and it was very well received," Essig added.

Carl's life is not totally filled with study, however. He has found time to take on a couple of minor roles in two productions of the Community Light Opera and Theater Association ("Guys and Dolls," and "1776"), and he has played the cello in two Desert Community Orchestra concerts. In addition, he plays in church groups or with other special groups from time to time.

During his days at the University of Arizona, Carl played in a group called the

Carl N. Helmick, Jr.

"Collegium Musicum." "We concentrated primarily on Baroque periods, both vocal and instrumental," Carl explained.

He is interested, as well, in singing and lends his voice to the Grace Lutheran Church choir.

Carl's wife, Shirley, is also well known in the local area for her musical talents. She plays violin, viola, piano, organ, and the harpsichord. She teaches privately and has taught various types of instrumental and vocal music in schools.

Couple Active in Community

At the moment, Shirley is working part-time for the China Lake Elementary School District teaching choral music. Shirley holds a bachelor's degree in music education from the California Baptist College at Riverside. She is a member of the Desert Community Orchestra and plays regularly with a string quartet.

Carl's hobby is music in one form or another. In addition to singing and playing, he also enjoys listening to music. And from time to time he enjoys hiking.

Carl is active in the China Lake Civic Concert Association and is the technical coordinator on the group's board of directors. In addition, he is a member of the American Physical Society.

Carl also belongs to the Catgut Acoustical Society, and once wrote an article for the Society's newsletter. "They are a group of people in both the scientific and musical worlds who are interested in attaining a better understanding of violins and the violin families," Carl said.

"Members of this group have redesigned violas, cellos, basses, etc., and their work is very interesting to study," he added.

There it is again, but some study is more interesting than others, or is it?

Housing Assignments

Houses assigned during March, 1974

"O" Bedroom Motel

McMillan, GS-12; Lundwall, GS-11; LaFleur, GS-10; Caponegro, GS-9; Rothberg, GS-9.

Two Bedroom Apartment

Haug, GS-3; Young, GS-3; Bactad, EQ-2; Donathan, WG-10.

Two Bedroom Normac and Letourneau

Walker, GS-5; Spear, WG-10; Phillips, WG-10; Martin, GS-7; Koons, GS-3; Chieze, EQ-1; Devers, WG-10; Amos, WX-45; Stinnett, GS-8; Young, GS-3; Cummins, GS-4; Ellis, GS-2; Kessler, GS-3; Johnson, GS-6; Phillips, EQ-11; Lai, GS-7; Cragin, GS-4; Disch, GS-3.

Two Bedroom Old Duplexes

Whitehurst, GS-7; Kajiwara, GS-11; King, E-5; Scoffield, GS-12; Hyles, WG-10; Satterlee, E-4; Head, GS-9; Shuler, E-4; Cameron, GS-12; Ross, GS-7; Fulcher, GS-9; Blackwood, GS-7; Guthrie, GS-5; Blowers, WG-10; Matson, GS-11; Adams, WG-5; Nyberg, GS-5; Gershesk, GS-11; Crawford, GS-9.

Two Bedroom Wherry

Gilmore, E-3; Jorgensen, WG-9; Snyder, E-3; Parker, E-4; Lydia, WG-9; Dorey, WG-5; Conn, GS-6; Luna, E-4; Calderon, E-3; Dunn, E-3; Quinn, E-5; Jenkins, WG-5; Carter, E-4; Ingraham, E-4; Stokley, WG-3; Gange, E-3.

Three Bedroom Old Duplexes

Whitfield, GS-12; Pasag, E-5.

Three Bedroom Hill Duplexes

Hintz, GS-12; Jones, GS-12; Meraz, GS-12; Cox, Ens.; Swanson, GS-13.

Three Bedroom Panamint

Jacks, GS-13.

Three Bedroom Wherry

Cordeiro, WG-9; Holly, WG-6; Lucas, GS-5; Russell, E-5.

Three Bedroom Normac Duplexes

Whisman, WG-10.

Three Bedroom Juniper

Shaw, GS-11; Rush, GS-10; Brown, WS-13; Ramnarace, GS-12; Shamblin, GS-12.

Three Bedroom Yucca

Price, GS-11.

Four Bedroom Panamint

Benson, GS-12; Oaks, LCdr.

Command Assigned

Sprankle, GS-14.

Four Bedroom Wherry

Polk, E-6; Brown, WX-45.

Four Bedroom Joshua

Evans, GSgt.

nwc rocketeer SPORTS

In The Catbird Seat

By Jack Lindsey

Marty Denkin is leaving the Center. He has taken a post with the Equal Employment Opportunities Commission in Denver, Colo., effective April 15.

The leaving of Marty signals the end of an era in China Lake sports – one in which personal involvement in the programs was very heavy by the leaders of the NWC Special Services Division.

Marty was the latecomer in a triumvirate of personnel who managed to "get involved" in nearly every aspect of Center sports – the other two being Ray Gier and O. A. "Gabe" Imer.

Gier has retired and Imer recently took a post in Naples, Italy. Gier took a personal interest in the local golf course and in the conditioning of Reardon Field. If no one else would do the work, he would. He also played golf, softball and bowled. One year, he even went so far as to sponsor a female bowling team, lovingly known as "Gier's Gals."

Imer, as head of Special Services, kept his finger on everything happening within his area of responsibility. He, too, played golf and also competed at handball and volleyball.

With Marty, his expertise began at the Youth Center and stretched itself over to the gymnasium. From there, Marty branched out to the softball programs. He competed in softball, managed youth baseball and basketball teams, umpired, refereed and generally spread himself pretty thin.

But he was involved, and he loved it. He said of this area, "I learned a whole, new way of life at China Lake."

Marty came from the ghettos where he had to claw and scratch his way just to exist.

One of Marty's biggest attributes, or drawbacks, was his way of saying whatever was on his mind. When dealing with Marty, you got it straight from the shoulder, whether you wanted it or not.

There'll be a lot of people on this Center who will sigh gratefully to learn that he is leaving. These are the people who tried to put something over on him, or who wanted more than Marty could give. Backed into a corner, he was a fighter, and he always came out swinging.

And there will be other people, like me, who fought with him time and time again over technicalities, or ideals, but who admired him for what he was and what he stood for, who will miss him greatly.

I won't shed a tear for you, Marty, because you'd give me a mouse if you knew, but a great part of my wishes go with you to Rocky Mountain country. And all I have to say for the people in that area who are thinking about not treating minority races fairly is – look out, here comes the Denk!

Mazeltof, babe.

Pistol Match Set April 19

Registration is open until 9 p.m. next Friday, April 19, for an NRA-approved, 1800-point pistol match that will be held at the Sierra Gun Club's pistol range the following morning.

Those interested in competing in the pistol match can register by calling Merv Hoover at 446-6680.

STAR HOOPSTERS—NWC's "Athletes of the Month" for January, February and March have been singled out for special recognition following the conclusion of the intramural basketball season. Running clockwise (starting at top) they are Gail Falkenberg, Bob Berry, Carolyn Hansen, Dennis Heggem, Jo Dunnick and Gordy Irwin. Miss Falkenberg was top scorer for the Hustlers, women's basketball league champs, with a 17 pt. average. Berry was singled out for leadership on the Texas Instruments quintet, 2nd place finishers in Division A, as well as for his play on the Center's MDISL basketball and volleyball teams. Miss Hansen was a high scorer for the Zingbats, runner-up team in the women's basketball league. Heggem, who played for the Dispensary Docs, the Division B basketball champs, was cited for his team leadership and scoring ability. Miss Dunnick, who was on the Wildcats squad, third place finishers in the women's league, also rated special recognition for her team leadership and scoring ability. Irwin led the Loewen's Lions to the Division A championship, after a fourth place finish last season. A consistent high scorer, Irwin was also honored for his contribution to the NWC varsity basketball program.

NAF Hawks Get First Taste Of Softball Tourney Competition

The Navy Hawks, an all-star military softball team representing NWC, got their first taste of tournament competition last Saturday during the Amateur Softball Association tourney held at North Island.

The Hawks, led by Jim Brown, player-coach, posted a 7-6 win over the Marine Corps Recruit Depot team in their second tourney tilt, and were later edged 4-3 by National City (a civilian team) in a game that took two extra innings to decide the outcome.

In their tourney opener against NAS North Island on Saturday, however, the Hawks had a bad case of first-game jitters which resulted in errors that contributed to their 11-0 defeat at the hands of the North Islanders.

Held to Two Hits

The Hawks were held to just two hits–one each by Gary Potteiger, short stop, and by Bill Stuart, 1st baseman–in the North Island game. Al Olsen was the losing pitcher.

Game No. 2 saw the Hawks fall behind, 4-0, to their MCRD rivals, but they fought back to knot the count at 4-4. A home run by Brown with a man on base in the second inning accounted for the first two runs by the Hawks, and two more runs were tallied by the locals on a base hit by Joe Freitas in the third frame.

While the Marines picked up two more runs, it wasn't enough to win the game as a homerun by Potteiger with two men aboard in the seventh and final inning tipped the scales, 7-6, in favor of the Hawks.

Freitas had three hits in three times at bat, while Brown was three for four against the MCRD team. Barry Olson pitched the entire game to register his first win of the season.

In their final tourney clash with the National City nine, the Hawks scored first on a triple by Brown, who was then driven in on a sacrifice fly ball off the bat of Potteiger. Freitas scored the Hawks' remaining two runs in this game, coming in on a fifth inning hit by Olson and also scoring in the seventh on a two-base blow by Bill King, center fielder.

With the score tied 3-3 at the end of the regulation seven innings of play, the National City team edged locals in the bottom of the ninth when the lead-off batter singled, was sacrificed to second and then scored on an error.

Comeback Pleases Coach

Chief Brown expressed pleasure at the way the Hawks, who were late in arriving for the tourney and had to play all three of their games on Saturday, bounced back after their 11-0 trouncing by North Island in the first game.

The Hawks, who will compete in the fast pitch league during the NWC intramural softball season, also are looking for home games on weekends with other military or civilian teams in order to prepare them for additional tournament competition as a prelude to the annual 11th Naval District event.

Registration Open For Golf Tournament

Registration is now being taken for the annual Commander's Trophy golf tournament, which will be held on Saturday and Sunday, April 20 and 21. The 36-hole, medal play tourney is open to all members of the Southern California Golf Association.

An entry fee of $5 per golfer includes a free lunch and liquid refreshments. In addition, a putting tourney will be held following play each day.

An award ceremony is slated for Sunday after the last golfer is off the course. A sign-up sheet is located in the clubhouse and all local golfers are urged to join.

For further information, call Dick Clay at 446-7043, or NWC Ext. 3119.

Sign-ups To Begin Monday for Girls' Softball Program

Sign-ups for the Youth Center girls' softball program are scheduled to open on Monday. All registrations must be completed at the China Lake Youth Center or at the Ridgecrest City Hall prior to the May 11 closing date.

Three leagues will accommodate the different age groups. Girls who are 8, 9, or 10 years old, or in the third, fourth or fifth grade, will be placed in the Minor League. They will play four-inning games with two innings of T-ball and two innings of regulation softball.

The American League will be composed of girls from 11 to 13 years of age, in the sixth, seventh or eighth grades. A girl who is in the eighth grade at the time of registration will remain in the American League.

The oldest age group, in grades 10 through 12, will be in the National League. A girl who is currently in the 12th grade, however, will be placed this summer in the Women's League.

Registration fees for this program are established on a sliding scale for each family. The first girl registering in a family will pay $7, the second girl, $5, and each additional girl, $3.

Set to begin on May 20, the girls' softball season will continue through July 25, with games played both in Ridgecrest and at China Lake.

Volunteer coaches are still needed and are urged to call the Youth Center to insure the success of this program. Further information on any aspect of the girls' softball program may be obtained by calling Carol Hape at NWC ext. 2902 or 2259.

Bowlers From NWC Do Well in MDISL Tourney at Edwards

Keglers representing the Naval Weapons Center during the Mojave Desert Inter-Service League bowling tournament held at Edwards Air Force turned in a topnotch performance last Saturday.

A new system for scoring points in MDISL competition has gone into effect, leaving in doubt at this time the question of whether or not the NWC team garnered first place, Dean Ray, manager of the Hall Memorial Lanes at China Lake, reported.

What is certain, however, is that the NWC team, composed of Dick Bauers, Ken Dalpiaz, Jeff Mattick, Dick Furstenberg, Art Karrer and Thad Brightwell, rolled a 2728 total to place second in the team event.

In addition, Bauers won the singles competition with a score of 628, while third and fifth places in doubles play went to the duos of Dalpiaz and Brightwell and to Karrer and Furstenberg for their totals of 1134 and 1128, respectively.

In the individual scoring for the all events title, Brightwell's 1685 and Dalpiaz' 1684 garnered them seventh and eighth places.

Meetings Scheduled On Softball Rules for '74

The first of a series of three meetings pertaining to rules interpretations for the 1974 Intramural Softball League has been scheduled next Thursday, from 7:30 to 10 p.m., in Room 211 of the Training Center.

The Special Services Division has asked that each meeting be attended by at least one representative of each team in a given league, as well as by all the players who can make it.

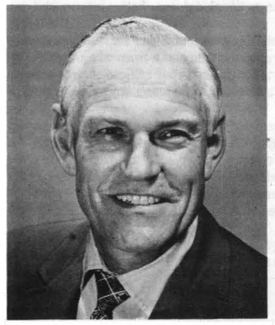
Tom Fortney, umpire-in-chief of the High Desert Umpires' Association, will be in charge of each of the meetings. He will discuss the new softball league rules, as well as show film slides to illustrate his remarks.

The April 18 meeting will be for members of the Women's Softball League, while similar sessions are planned at the same time and place on April 25, for the Slow Pitch League, and on May 2 for the Fast Pitch League.

Knemeyer To Share Lead in Tactical Missile Conference

The Technology Session of the Tactical Missiles Conference, to be held in San Diego on May 1 through 3, will be co-chaired this year by Franklin H. Knemeyer, NWC's Deputy Technical Director for Strike Systems.

The Technology Session discussions will be a kaleidoscope of emerging tactical missile technology for the '70s. Co-chairman with Knemeyer will be Quentin C. McKenna, manager of the Missiles Systems Division of the Hughes Aircraft Co.



Franklin H. Knemeyer

Sponsored jointly by the American Defense Preparedness Association and the American Institute of Aeronautics and Astronautics, the classified conference has the endorsement of the Department of Defense.

Overall theme of the conference will be "Technology's Impact on Tactical Weapons Systems." Keynote speaker will be Dr. Malcolm R. Currie, director of Defense Research and Engineering.

Bluejacket...

(Continued from Page 1)

from Cherryvale, Kans., while she was visiting relatives in Ridgecrest. The couple expect their first child in July.

Vaughan spends his leisure hours in a very nonleisurely way, doing auto air-conditioning and mechanical work. He and Shirley also enjoy hunting, fishing and camping.

To honor Vaughan's selection, the Greater Bakersfield Chamber of Commerce will treat the Vaughans to an all-expense paid trip to that city. The Bakersfield Inn will host the Vaughans, offering lodging and meals.

In addition, Vaughan will receive the use of a new Ford from the Desert Motors Ford agency in Ridgecrest for their weekend trip, and a variety of discount coupons and gift certificates from Bakersfield merchants participating in the NWC Bluejacket of the Month program.

A highly qualified slate of nominees for this month's Bluejacket honor included ADR1 Mackey Morris, SD1 Francisco Aspuria, YN3 Martha Woempner, AZAN Tyrone O'Neal, AME3 Prudencio Manzanilla, and HN3 John Krek.

Budget Review...

(Continued from Page 1)

latter group's expenses for stationery, postage and handling the records in connection with the operation of the television booster station.

Reporting upon intramural sports, Shoaf noted that volleyball season play began this week for 20 men's teams divided into four leagues and a single women's league composed of seven teams.

Coming up on May 13 will be the start of the intramural softball league season. This activity is expected to draw 26 men's teams competing in fast pitch, slow pitch and recreation leagues, as well as a women's league totalling 11 teams.

EXECUTIVE SESSION--Conferring last week, (l. to r.) Bun B. Bray, executive director of the National Association of Supervisors Federal Government; Jim Crista, vice-president of Chapter 28 of the supervisors' association; Wayne Jackson, president of the local chapter; Capt. D. W. Alderton, NWC deputy commander; and Dan D'Anza, the Personnel Department's associate head for personnel systems, met to discuss the current relationship between management and Command. The local supervisors' association has an agreement with Command to meet annually for this purpose. Since Bray was at China Lake for a speaking engagement, he was able to sit in on this meeting as a special consultant. —Photo by PHAN S. K. Reed

Role of Supervisors in Federal Gov't Outlined During Talk Given by Bun Bray

Bun B. Bray, executive director of the National Association of Supervisors, spoke to a room full of NWC supervisors at the Commissioned Officers' Mess on April 3.

The outspoken North Carolinian, who has earned the nickname "Mr. Manpower" for his years of traveling as the unofficial ombudsman for government employees, spoke to the gathering on the role of supervisors in the Federal government, the future, the present, and some problems currently facing them.

He began by assuring his listeners that "There will be no ripping required of the defense budget in 1974. There will be no base closures and no large riffs." Warming to his subject, Bray stated that 30,000 military personnel are currently being replaced by civilians and that, for the first time, Congress is setting its own civilian ceiling.

"So, you have no cause to worry about budgets and ceilings," he pointed out. However, Bray did point out one area of concern—contracting out.

Warns Against Contracting

"Contracting out is the greatest item for worry that you have today," he told the listeners. "It is a continued threat, and I can tell you stories that will curl your hair about this," he went on.

"There are only three sources of labor available in the Federal government—civilian force, a military force, or a contractor force. Only one of these allows the employer strict control—civilian service," Bray said.

"The American taxpayer has been fooled for 20 years about this," he asserted. "They've been cutting Federal employees and hiring contractors under the guise of saving money, but let me tell you about an instance that happened to me in Alabama recently," he continued.

'Trickle Down' Syndrome

Bray then told the story of a chauffeur who had been a Federal employee earning $3.80 per hour when the government contracted out all driving. "The poor fellow went to work for the contractor earning $1.85 per hour doing exactly the same work. I don't have to tell you that the contractor was receiving $5.80 per hour for that fellow's work. I call this my 'trickle down' syndrome," Bray told his audience.

Bray also referred to the successful fight of employees at Pt. Mugu to avoid contracting out. "They have set the standard. Other bases can fight contracting out along the same lines with a good chance of winning," he said. "If they hadn't won, I don't like to think how far along the practice of contracting out would be right now," he pointed out.

Bray then enumerated some of the things that are being done today in Washington for the supervisors. "The pay of Wage Board supervisors will be re-examined and adjusted," he began. "Labor-management relations are also being carefully studied. There are two approaches to this on Capitol Hill—and the committee, led by Congressman Dave Henderson (D-N. Car.) as chairman, will prevail.

"The AFL-CIO believes that there should be the privilege of striking, having closed shops, and making supervisors join the union. Congressman Henderson believes that, although supervisors can belong to the union, they cannot take an active part, that there should be open shops, and no striking. He will win," Bray asserted.

Union Differences Outlined

"There are too many people in high places in the Federal government who don't recognize the difference between private unions and government unions, but they will," he said further.

"One of our other problems is that first level supervisors do not feel they are a part of management. The Department of Defense has found this to be a weakness in labor-management training. So, keep communicating. Keep training," Bray chided his audience.

In talking about the future, Bray outlined the new retirement plan for firemen and security personnel. "They may soon be able to retire at a rate of pay 2½ times their number of years. In other words, an employee of 30 years will receive 75 per cent of his base pay. I feel that this plan will eventually govern all employees. A bill covering firemen and security personnel, has already been passed by the House of Representatives and been sent to the Senate, where I'm sure it will also pass," Bray said.

New Job Standards Set

"The U. S. Navy is developing new job standards for superintendents," he said, prior to asking how many superintendents would be interested in this legislation. Only Lou Sidney, head of the Public Works Department's Maintenance-Utilities Division, raised his hand. "The U. S. Army is developing centralized pay standards, and I'm sure that will cause the Navy and the Air Force to look at theirs," he continued.

Bray concluded his talk by outlining the three big pushes for 1974—"Increase the productivity levels; watch the pay grade levels, and look at headquarters operations," he noted. "Those are the things to watch for."

Bray, a veteran of 30 years' federal service, spent the last 14½ years as the Staff Director of the House Committee on Post Office and Civil Service. "I am a registered lobbyist and I'm open to all conversation from any of you," he said.

"What do you want?" was his concluding question.

VISITORS LOOK OVER COMPUTER OPERATIONS — A two-day visit to the Naval Weapon Center was made this week by the Honorable Robert D. Nesen, Assistant Secretary of the Navy (Financial Management), and by Rear Admiral J. E. Forrest, Supply Corps Auditor General. The two distinguished visitors, (l.-r.) RAdm. Forrest and Assistant Secretary of the Navy Nesen, are shown listening to Robert H. Bracken, head of the Computer Sciences Branch, during their tour of the UNIVAC 1108 Central Computing Facility. At right is Capt. D. L. Cooper, executive assistant to Mr. Nesen. Prime purpose of the visit was to discuss NWC's automatic data processing operations. The visitors also looked over the Weapons Control Facility at Echo Range and listened to a presentation by RAdm. Paul E. Pugh, NWC Commander, covering highlights of major technical programs.

Pearl Harbor Survivors To Get Charter

A charter presentation and the installation of new officers of Sierra Chapter No. 117 of the Pearl Harbor Survivors' Association has been scheduled on Saturday, April 20, starting at 3 p.m., at the VFW Hall, 117 Alvord St., Ridgecrest.

The local group's charter will be presented by Steve Carney, state chairman of the Pearl Harbor Survivors' Association, who lives in San Leandro, Calif.

Acceptance of the charter will be by Terry M. Driver, president of Sierra Chapter No. 17, and his fellow officers. They are H. B. "Hap" Leonard, vice-president; Garth Anderson, secretary-treasurer; and Ross Hugh Jeanson, Alfred Rodriguez and William M. Smith, trustees.

When Japanese bombs rained down on Pearl Harbor on Dec. 17, 1941, Driver, Leonard and Anderson were serving aboard the Navy destroyers, USS Pruitt, Solace and Hulbert, respectively; Smith was a crew member of the battleship USS Maryland, Rodriguez was aboard the USS Bobolink, a minesweeper, and Jeanson was an Army man stationed at Camp Malakole on Oahu.

The charter presentation and installation of officers will be followed by a social hour and then a 6 p.m. dinner featuring steamboat round as the main entree.

All local residents eligible for membership in the Pearl Harbor Survivors' Association and their guests are invited to attend. Dinner reservations can be made by calling Bob Campbell at 446-5290, or Al Pena, at 375-7925.

FEATURED SPEAKER — Dr. Thomas Greening, a well-known specialist in humanistic psychotherapy, will speak at the Cerro Coso Community College Lecture Hall at 8:30 p.m. on Thursday, April 18. Sponsored jointly by the college and the Desert Counseling Center, Dr. Greening's talk will follow the Desert Counseling Center's anniversary dinner, to be held at 6:30 p.m. at the Commissioned Officers' Mess, where he will be guest of honor. Today is the last day reservations can be made for the dinner, by calling the DCC office, 446-5586. A psychotherapist, group therapist, sensitivity trainer, and psychological consultant to management in Los Angeles for 15 years, Dr. Greening is also one of the founders of the Topanga Center for Human Development and editor of the Journal of Humanistic Psychology.

SecNav Warner Bids Farewell

A farewell message was received this week from John W. Warner, who is stepping down from his post of Secretary of the Navy to accept another government post. His words follow:

"It is truly with mixed emotions that I leave the leadership of the world's finest military organization–the United States Navy-Marine Corps team.

"As I take leave to assume the leadership of the Bicentennial Administration, I hear a cry from all across this nation for a reaffirmation of those values established by our founding fathers: the values of decency, honesty, God and country, and selfless service to fellow man.

"There is no group of Americans who display these values in their daily lives in greater measure than those who serve in national defense, both uniform and civilian.

"Freedom is not free and it is through your dedication and your service that you do provide the freedom we enjoy, in particular, the men and women who wear the Navy blue and Marine green. Youare providing through your selfless service and professionalism the finest Navy-Marine Corps team to be found anywhere in the world.

"In my remarks at my swearing-in ceremony in May, 1972–amid high tempo combat operations in Southeast Asia–I stated that the two most important things to me in this world are my children and my country. I pledged at that time that my mission would be to support the Commander-in-Chief in his goal of achieving a generation of peace, not only for our children but for children the world over. It has been a great personal honor to have served with you in the achievement of this goal.

"I have been a sailor, I remain a sailor. I have been a Marine, I remain a Marine. I have done my best, God bless you all."

John W. Warner
Secretary of the Navy

Reception Planned Honoring Teachers

In connection with the local observance of Public Schools Month, an annual event sponsored by Masonic Lodges throughout the state, a reception for teachers throughout the Indian Wells Valley area will be held next Wednesday, April 17, at the IWV Masonic Lodge, 625 N. Norma St., Ridgecrest.

Special speakers on this occasion, which is scheduled from 7 to 9 p.m., will be Dr. Richard Jones, president of Cerro Coso Community College, and Dr. Howard Harmon, superintendent of the Sierra Sands Unified School District.

The program also will include vocal selections by students of the Indian Wells Valley Union School District, under the direction of Mrs. Bea Moore.

Not only are all public school teachers and administrators invited to attend, but the welcome mat also will be out to school board and PTA members, Eli Harrison, Public Schools Month chairman for the IWV Masonic Lodge, stated.

Wherry Housing Area Gas Line Bought by PG&E

The Naval Weapons Center recently concluded a contract with PG&E to purchase the gas line in Wherry housing (Desert Park) and to supply this area with natural gas. This action allows NWC to cancel a repair project for the gas service laterals.

PG&E will place plastic tubing inside the present steel lines and, in effect, create a new distribution system.

Work on conversion to natural gas will begin on the mains this month. The conversion at individual houses will start about a month later and proceed at a rate which calls for the work to be completed for 16 families every 3 days. Each occupant will be advised in advance of the working schedule.

Under this arrangement, civilian occupants will receive their billing for gas direct from PG&E. There will be no charge for military occupants.

HAPPENINGS AROUND NWC

The League of Women Voters of the Indian Wells Valley will hold a day-long voter registration drive at the north entrance of Michelson Lab on Wednesday, April 17, and Thursday, Friday and Saturday, April 18-20, at Fazio's Shopping Bag and at the Safeway market, in Ridgecrest.

The registration drive booths will also be open all day April 25-27 and May 2-4 at Fazio's and the Safeway Markets.

Further information may be obtained by calling Carol Panlaqui at 375-4812.

Bake Sale for Retarded

A bake sale, with all proceeds to be contributed to the National Association for Retarded Children's research fund, has been scheduled next Friday, April 19, outside Fazio's Shopping Bag Market in Bennington Plaza.

The event is being sponsored by the Indian Wells Valley Association for the Retarded, and money raised by it (along with a contribution from the local group) will be turned in during the annual convention of the California Association for the Retarded, which is to be held next month.

AAUW To Elect Officers

The American Association of University Women (AAUW) will meet next Tuesday at 7:30 p.m. at the Community Center to elect officers for the coming year.

Following a short business meeting, Eileen Wilk, Southern California Edison home economist, will speak on "How to Conserve Energy." The public is invited to attend.

Cinco de Mayo Fete Planned

On Sunday, May 5, Cerro Coso Community College will celebrate Cinco de Mayo, a Mexican national holiday. A festival is being planned with special music, dancing, foods and exhibits of Mexican arts.

Spanish-speaking persons with special talents are being sought to participate in this program.

Further information may be obtained from Bob Raful, the college's Dean of Extended and Community Services, by calling 375-5001.

Car Wash Set Saturday

The Burroughs High School members of the Future Business Leaders of America (FBLA) will be having a car wash this Saturday, from 10 a.m. to 4 p.m., at the Fedco gas station on Center. A fee of $1.50 will be charged for a car wash and 50 cents additional for cleaning the inside of the car.

All the proceeds will be used to cover the expenses of a trip to the San Francisco-Oakland area, where local FBLA members will compete in a state contest conference.

BREATHING APPARATUS — Members of the Indian Wells Valley Mine Search and Rescue try out the McKay breathing apparatus, a device that allows the team to perform underground rescue operations in any type of poison gas. The rescue group owns 14 of these devices, given to them approximately 5 years ago by the Atomic Proving Ground in Nevada. The men have recently undergone a 20-hour class in proper use of the McKay breathing apparatus. Instructors were Al J. Lords and Mike Tierney from the Boulder City, Nev., office of the Department of Interior Bureau of Mines. Lords instructed the men in proper use of the apparatus to insure effectiveness for long periods. The equipment functions so that each man can rebreathe his own oxygen for as much as half an hour, replenishing his oxygen supply from the tank only when he feels he needs it. In active use, the apparatus may insure contamination-free breathing for about two hours; in cases where the user is sedentary, the apparatus may last for as long as 16 hours. Tierney instructed the group on the different kinds of poison gases they are likely to encounter in mine search and rescue operations. — Photo by PH3 D. M. Jenereaux

AIAA Meeting To Feature Talk By Noted Scientist

Dr. Krafft Ehricke, Scientific Advisor for the North American Aerospace Group of Rockwell International Corp., will be the speaker at the next meeting of the American Institute of Aeronautics and Astronautics on Wednesday, April 17, in the Mojave Room of the Commissioned Officers' Mess. Dr. Ehricke's topic will be "Energy and the New Age of Productivity."

A research engineer on the German V-2 rocket development at Peenemuende, Dr. Ehricke came to this country in 1945 as part of "Operation Paperclip." Since that time he has worked on chemical and nuclear propulsion, long-range glide rocket studies, and all sectors of space technology and engineering.

He is the author of "Space Flight" and numerous other books and papers, has taught both graduate and undergraduate courses in flight mechanics and propulsion technology at San Diego State College, and has served as consultant to many government agencies.

All interested persons are invited to the meeting and the dinner preceding it. After a social hour, dinner will be served at 7, with the talk by Dr. Ehricke scheduled to begin at approximately 8.

Those planning to attend the dinner are asked to make reservations by calling R. B. Hulett, NWC ext. 2388, or James Serpanos, NWC ext. 3340, before next Tuesday.

AAUW Book Review Group To Meet Tues.

The American Association of University Women (AAUW) Book Review Group will meet at the home of Pat Beckett, 601 Trisha Ct., Ridgecrest, on Tuesday at 1:30 p.m.

Pam Brown will review "Portrait of a Marriage," by Nigel Nicolson. The public is invited to attend.

For further information call Ada Lou Jarrell, at 446-2406.

HAIL AND FAREWELL

For the month of March 1974

NEW ARRIVALS-CIVILIAN

Code 1762 -- Gregory S. Boske; Code 1764 -- Nellie J. Thompson; Code 3313 -- Jack A. McMillan; Code 3354 Robert A. Durrell; Code 3371 -- Mikal O. Gray; Code 3546 -- Max W. Craig; Code 3552 -- Weldon L. Allen; Code 4012 -- Arthur Karrer; Code 40408 -- Joseph McClendon, Jr; Code 40901 -- Larry J. Duckett; Code 4567 -- Teresa J. Linstead; Code 5545E -- Eddie J. Chapman; Code 5552 -- Walter R. Weber; Code 6521 -- Renges M. Fabris; Code 70303 -- Robert S. Geeting; Code 7034 -- David L. Allen; Code 70412 -- Delbert R. Cordeiro, James E. Lydia and Ronald L. Schiller; Code 70761 -- Ronald E. Collins.

CIVILIAN-DEPARTURES

Code 1761 -- Louise M. Russell; Code 18608 -- Charles Crist; Code 2542 -- Cindy L. Brady, Teri K. Cox, Janice M. Privett and Jerry I. Truesdale; Code 2571 -- James E. Poore; Code 311 -- Jenny M. Allred; Code 33 -- Shirley M. Johnson; Code 3351 -- Stephen N. Chismarich; Code 3723 -- Merle H. Paschke; Code 4062 -- Richard L. Smith; Code 5137 -- Lillian B. Herman; Code 5335 -- Theresa Y. Keenan; Code 5545E -- John M. Harn; Code 5545L -- Raymond Cleland; Code 6019 -- John E. Fischer; Code 70411 -- Andrew L. Barkhurst and Charles E. Hutchins; Code 70414 -- John H. Miller; Code 70433 -- Burnett R. Verser; Code 843 -- Frank H. Ryerson.

NAF OFFICERS

Arrivals -- Ens. George W. McFetridge, Jr.

VX-5 OFFICERS

Arrivals -- Lt. Terry R. Nolan.

Departures: LCdr. John J. Schultz and Lt. James W. Seymour.

NAF ENLISTED PERSONNEL

Arrivals -- RN2 Jim E. Morris; AMHAA Erving Freige; DA David D. Rodriguez; PRAA Joel K. Nalley; AOAA Robert E. Walker; ETNSA Martin A. Quintana; AOAA Anthony J. Hill; ARM1 Bud R. Beitz; ADE2 Robert W. Thompson; AMHAA Frederick L. Snyder; ADJ3 Robert R. Lemon, II; AO2 Charles M. Souza.

Departures: SA Debra S. Rowley; AC2 Rich K. Gray; ADR2 William H. Scheafter; ADE1 Bobby G. Cox; AE3 Dwight L. Class; CSSN Mark D. Parliamant; AA Delmon L. Smith; AK3 James E. Walker; ASMAN Ronald W. Corry; SK1 Alfredo S. Aban; CSC James E. Bristow; CS1 Jack G. Wieland.

VX-5 ENLISTED PERSONNEL

Arrivals -- AOAA Juan J. Pena; AOAA Frederick H. Piott; AA Paul J. Wylot; AZAA Suzanne Gardner; AA Bruce A. Rupp; AA Rickie D. Edwards; DPSN Leroy J. Konechne; AT3 Donald R. Ingraham.

Departures: AT2 David R. Wearstler; AT2 Ernesto Garcia.

ARMY & AIR FORCE LIAISON OFFICE

Departures: LCol. Ralph L. Brown.

FUNDS DONATED TO WOODSHOP — The woodshop at Burroughs High was the recent recipient of funds that were collected to honor the memory of Roland Valitchka, an NWC employee who was killed in an auto accident last fall. A check totalling nearly $900 was presented by Mrs. Doris Valitchka, wife of the deceased, to Warren Murchison, the high school woodshop instructor. Looking on in background is Hal Reid, principal of the local high school. The money, donated as a memorial fund in lieu of flowers for Mr. Valitchka, who was interested in woodwork and was well known for his hand-crafted guitars, will be used to provide a variety of instructional aids that will, among other things, enable a complete course in conversion to the metric system to be offered next year to local high school woodshop students. —Photo by PH3 D. M. Jenereaux

Wide Variety of Items To Be Featured At Home Show, April 19-21, on Fairgrounds

Just about every facet of home improvement and enhancement will be covered at a Home Show to be held in Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest on April 19 through 21.

Displays by 35 to 40 merchants will allow visitors to the show to view many kinds of home improvement merchandise, furniture, garden and patio equipment, appliances and organs and other musical instruments.

Real-estate people and bankers also will be on hand to offer advice to the prospective homeowner.

Free of charge to visitors of all ages, the Home Show will be held next Friday, April 19, from 4 to 11 p.m., and on Saturday and Sunday, April 20 and 21, from 10 a.m. to 11 p.m. Sponsored by the merchants who are putting on the displays, the show has been arranged by the Desert Empire Fair, Inc.

Throughout all three days, an assortment of prizes will be given away. Radio Station KLOA will broadcast from Joshua Hall, with live coverage of all displays, and Branch 95 of the Fleet Reserve Association will provide soft drinks and other refreshments. Candidates for the Rodeo Queen Contest also will attend this event.

CLEP Exams Set For Students Wishing Equivalent Credit

Cerro Coso Community College will administer the nationally standardized CLEP (College-Level Examination Program) Exams on Saturday, April 27, on the college campus. The general examinations will occur in the morning, with the subject examinations scheduled for afternoon.

Individuals interested in taking any of the CLEP exams should pick up registration forms at the Counseling Center of either Burroughs High School or Cerro Coso either today or Monday. All completed registration forms must be turned in to Mrs. Sheila Hill on Monday, April 15, along with the appropriate testing fee. Each exam costs $15.

Passing scores on many of these exams will allow the student to earn appropriate credit up to a maximum of 30 semester units on any degree program at Cerro Coso, Cal State Bakersfield, and many other educational institutions.

Further information on the CLEP exams, the registration process, and Cerro Coso's policies for accepting CLEP credit may be obtained at the College Counseling Center, or by calling Mrs. Hill at 375-5001.

Basic Workshop Set For New Supervisors

New first-line supervisor will be offered the opportunity to complete 40 of the 80 hours of instruction required by the U. S. Civil Service Commission in a basic supervision and management workshop now open for enrollment.

Taught by Ernie Solberg, head of Central Staff's Management Data Processing Division, the course will be held in Room 212 of the Training Center from 7:30 a.m. to 4:30 p.m. on Wednesdays from May 1 to 29.

Topics to be covered include roles of the supervisor, concepts of organizations, looking at authority, interpersonal communications, motivation and productivity.

Nominations for this course should be made by submitting an NWC course enrollment form to Code 654 via proper departmental channels no later than Wednesday, April 17.

BENEFICIAL SUGGESTION AWARDS PRESENTED — During a recent ceremony presided over by Capt. W.H. Sturman, NWC Public Works Officer, Beneficial Suggestion awards totalling $655 were presented to six employees in the Capt. Sturman's department. The recipients, who are shown with Capt. Sturman (at head of table) are (l.-r.) Robert Babines, Jim Upson, LeRoy Lathrop, Michael Albers, Henry Linsea and Ernest Loscar. The top individual award ($225) went to Babines, who proposed that the aircraft hangars' incandescent lamps be replaced by quartz lamps. Since the latter have a much longer life, this reduces the maintenance time as aircraft must be moved from the hangars when equipment is brought in to replace the lamps. Babines also teamed up with Albers and Linsea in suggesting that a different type of frequency transmitter be used in the Center's water system to monitor such things as water flow level, pump pressure control, and the starting and stopping of water well pumps. The trio received a $55 award for this and also shared in a $215 award for recommending that the Vigitral flood alarms used in the water department be replaced by low voltage probes that have proven accurate in detecting flooding conditions and have sounded the alarms. Lathrop and Upson split a $100 award for coming up with an idea to use disposable linens in the women's lounges. This has eliminated loss due to pilferage, laundry costs and wear due to frequent launderings. The disposable products also are less expensive than the linens previously in use. The suggested use of pre-finished steel door frames was worth $60 to Loscar.