Curtain to rise on 'Arsenic, Old Lace' this coming Thurs.

The opening night curtain of the China Lake Players' production of "Arsenic and Old Lace" will rise at 8:15 next Thursday night, Aug. 19, at the group's hut on McIntire St., China Lake.

Other performances are scheduled for Aug. 20, 21, 26, 27 and 28 at the same time and location. Tickets can be purchased from members of the cast or by calling Rozalie Barber at 375-9470.

All tickets are reserved and are held until 8:05 on the night of the performance. Tickets not claimed by that time will be sold at the door. They are priced at \$2.50 for adults, \$1.50 for students through 21 years of age, military personnel and children.

Directed by Sandee Schwarzbach, this Joseph Kesselring play revolves around the Brewster sisters, portrayed by Pat Schwarzbach (Abby) and Natalie Stone (Martha). For "charitable" reasons, these ladies help lonely men find peace and happiness through unorthodox methods: by poisoning them and burying them in their

To add to the ingenuity of this plot, the sisters' brother. Teddy - who is portrayed by Ralph Schwarzbach - believes he is Teddy Roosevelt, and goes around blowing bugles and leading charges.

Another Brewster, Jonathan (enacted by Loren Dorrell) comes to live with them. He is accompanied by his friend, Dr. Einstein, a "noted surgeon" who had operated on him to protect him from the law. This "fine" physician is portrayed by Rud Stone.

Mortimer, Jonathan's brother (played by John Clark) is caught in the web of problems. A drama critic, Mortimer's problems are further complicated by Elaine (Deanne Lotee), his girlfriend, who wants to know more than he wants her to know and almost gets into trouble by trying to find

Rounding out the cast are Bob Schwarzbach, Curtis Barker and Alan Woodson, who play officers O'Hara, Brophy and Klein; Judy Vuono, Lt. Rooney; Rus Stedman, the Rev. Dr. Harper; Mike Ripley, Mr. Witherspoon; and Jeff Halen, Mr. Gibbs.

Christian music group to perform at Chapel

Messenger, a professional contemporarystyle Christian music group from Pasadena, will perform in concert at 4 p.m. this Sunday at the All Faith Chapel.

Leader of the trio is Rich Russo, a recent graduate of the Fuller Theological Seminary in Pasadena.

There will be no admission charge for the concert - the summer program offering in the All Faith Chapel's regular concert



CONFRONTATION - In a scene from the China Lake Players' production of "Arsenic and Old Lace," Loren Dorrell (in vest) and John Clark, who portray Johathan and Mortimer Brewster, respectively, are shown confronting each other in the tense moment as the principals of the plot, Natalie Stone (at left) and Pat Schwarzbach, who play the Brewster sisters, observe in dismay. Performances are scheduled on Aug. 19, 20, 21, 26, 26, 27 and 28. -Photo by Stan Sanders

Johnny Whitaker Show, family-style entertainment, to play here Saturday

Tickets are still available for tomorrow's to regular rock 'n roll. presentation of the Johnny Whitaker Show, which is slated for a single performance at 7 p.m. at the Center theater.

Tickets priced at \$1.50 for adults, \$1 for youths under the age of 17 and military personnel, and \$5 for families will be on sale at the theater's box office beginning at 5 o'clock on the evening of the performance. Further ticket information may be obtained by phoning Ted Kruse at 446-5237 or Dave Taylor at 375-5833.

Young Whitaker, a 16-year-old veteran of TV and movies, is the star of the show, while his two younger sisters and younger brother perform supporting roles. They take the audience through vaudeville, magic, patriotism, the roaring '20s, dixieland, country-western and popular music and also a special section dealing with the star's career. Whitaker will be available to sign autographs after the show.

Other supporting elements of the show are a 10-piece orchestra, four beautiful girl dancers, four singers, and a comedy team that does celebrity impressions and animal sounds. Other members of the cast are seasoned performers who have appeared all over the U.S.

Opening the show will be the popular comedy duo of Jaspering and Mahana, as they create the "wild and woolly" sound effects of animals, guns, cars and more. They will also take part in numerous comedy sketches throughout the evening, doing everything from vaudeville soft shoe

According to Steve Allen, promotional director of the firm producing the show, "Our philosophy is to provide entertainment aimed at that segment of society which has tired of the portrayal of violence and sex. We desire to help strengthen the moral fiber of America by strengthening the most important and basic entity - the family."

COM slates shows by two name bands for month of Aug.

Jimmy Dee and his band, direct from Nashville, Tenn., will provide countrywestern music for the enjoyment of Commissioned Officers' Mess patrons tonight -



which is the COM membership night from 9 until 1 a.m.

A steamboat round buffet will be served beginning at 7 p.m., at a cost of \$3 per

Reservations may still be made for the dinner-dance to be held at the COM on Friday, Aug. 20, which will feature Les Brown and his "Band of Renown."

According to Dick Youngman, director of Clubs and Messes, reservations should be made early for this event since only 250 patrons can be accommodated that night. Cost for the evening's entertainment and a prime rib dinner is \$25 per couple. Reservations can be placed by calling 446-2549. Dance set at CPO Club

Country-western singer Jimmy Dee will play for a Chief Petty Officers' dance tomorrow night from 9 until 1 a.m.

Dinner special for the evening will be a seafood platter with lobster, served from 6 until 9 o'clock.

Tickets are still on sale at the CPO Club office for the club's annual luau, which will be held on Saturday, Aug. 21. Only a limited number of tickets will be sold for this event, for which reservations are required.

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

(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.

Program subject to change without notice please check marquee.

13 AUGUST

"AND HOPE TO DIE" (95 Min.)

Robert Ryan, Lea Massari (Drama) A man who is being pursued by gypsies because he once accidentally crashed his plane into some gypsy children on a beach joins a weird band of crooks. They have been hired by an Italian gangster to kidnap a mentally retarded girl for \$1 million. (PG)

14 AUGUST "PACO" Matinee only, 1:30 p.m. (91 Min.)

Panchito Gomez, Parnell Roberts (Human Interest Story) Paco, an orphan, longs to go to the city to find his "Uncle Four Eyes. One day he takes his donkey and, believing that his uncle is a wealthy businessman, sets off for the city. In truth, the old gentleman feigns blindness and operates a thriving beggar and thieves band with a group of children as the thieves and

> "THE JOHNNY WHITAKER SHOW" Live family entertainment

"ROBIN AND MARIAN" (107 Min.) Sean Connery, Audrey Hepburn

(Adventure-Drama) Returning to England after fighting in the Crusades for 20 years, Robin is despondent and troubled. The world has changed, Marian is now a nun, his merry men have dwindled to three, and the sheriff of Nottingham is just as powerful as ever. Organizing the country folk against the sheriff's superior army, Robin can only muster together a few young farm boys with meager weapons. Robin finds he is fighting a losing battle. (PG)

"THE WEEKEND MURDERS" (96 Min.)

Anna Moffo, Castone Moschin (Suspense Comedy) Police investigate a series of murders and discover that the heiress to the bulk of a large estate is the killer. (R)

"BAD NEWS BEARS" (102 Min.) Walter Matthau, Tatum O'Neal

(Comedy) Ex-minor league ball player Walter Matthau, now a pool maintenance man, is hired by a councilman to organize the Bears, a Little League team. When the team's ineptness and Matthau's non-management result in grave loses, Matthau sobers-up and drafts star pitcher Tatum O'Neal who (along with another draftee star batter) puts the team in the running. (PG) "THE CASTAWAY COWBOYS" (92 Min.)

James Garner, Vera Miles

(Comedy) A seafaring wrangler jumps ship off the coast of Kauai to become Hawaii's first, if reluctant, cattleman. (G)

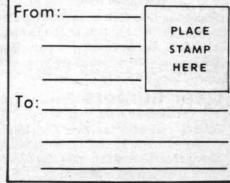
"CARAVAN TO VACCARES" (84 Min.) David Birney, Charlotte Rampling

(Drama) An American (David Birney) traveling through France is on his way to meet the Duke of Croytor, who has hired him to escort an unknown companion to New York. Birney picksup Lila (Charlotte Rampling), a freelance photographer who has come to photograph the colorful gypsy festival at Saintes Maries. Birney soon learns that the man he is to deliver is an aged scientist who has found a simple, inexpensive way to harness solar energy. (PG) 20 AUGUST

"LAST OF THE RED HOT LOVERS" (98 Min.)

Alan Arkin, Sally Kellerman (Comedy) The happily married middle-aged owner of a successful restaurant yearns for an affair to relieve his humdrum existence. But after three unsuccessful encounters, he finally calls his wife to come to his apartment love nest. (PG)

U.S. Government Printing Office:





Naval Weapons Center

Aug. 13, 1976

Vol. XXXI, No. 31

New CHAMPUS Rules Outlined . . College City Center To Open3 Summer Employment Program5 Johnny Whitaker Show Slated

INSIDE . . .

Antennas for receiving TV signals moved

A new antenna site has been constructed at a location farther down the hill on the south side of Laurel Mt. for VHF receiving antennas that pick up TV signals from Los Angeles area television stations.

According to Mike Ripley, a member of the China Lake Community Council's TV / FM Committee, the close proximity of the receiving and transmitting antennas atop Laurel Mt. has (in the past) caused "ghost" signals to appear on several of the VHF channels. This problem has been most noticeable on Channels 7 and 9.

As a result of the changes that have been made, it is anticipated that improvements will be apparent within the next week to ten days, Ripley said.

Other work is scheduled at Laurel Mt. by Jim Rieger, an electronics engineer in Code 3743 who is a member of the Community Council TV / FM Committee, in an effort to remedy electronic problems that have been the cause of poor reception of programs telecast by Channel 13.

Those responsible for the operation of the Indian Wells Valley TV / FM system also have come to the conclusion that Laurel Mt. is not the best site for receiving Channel 28 (educational TV) signals, and a search is on to find a better location for the receiving

When such a site is chosen, whether or not it will be possible to proceed with the work of relocating the Channel 28 receiving antenna will depend upon the amount of money remaining in the account that has been set up for the maintenance and operation of the community TV/FM

As the result of a fund drive that was (Continued on Page 3)

LOTS OF PIPELINE USED — The grid-like system of water lines which will lie

beneath the solar heat collector at the Naval Air Facility swimming pool calls for

putting together four sections of pipeline, each 100 ft. long by 20 ft. wide. Work

on the first part of this maze of 4-in, pipeline was started several weeks ago by

ABE1 John Berrier (above) and AMEAN Miles Ernst, both attached to the First

Lieutenant's Division at NAF, who spent eight days welding together the pipe ends

for the first section in order to determine how long it would take and what the

problems would be. Now, a group of active duty Seabees from Mobile Construction

Battalion 5 at Port Hueneme will endeavor to complete the pipeline work while

here to assist with several Self-Help Program projects at NWC.



head of the Safety and Security Department, and Fire Chief new aircraft fire fighting and rescue truck. This is the first William R. Knight (second from left) were proud to be able to production model of the "P-4A," which offers a number of iminvite Rear Admiral R. G. Freeman III, NWC Commander, and provements over older aircraft fire fighting apparatus. The cost

New aircraft fire fighting truck sent to NWC

The first production model just off the assembly line of a new aircraft fire fighting and rescue truck called the "P-4A" was received Monday by the Fire Division of the Naval Weapons Center's Safety and Security Department.

The Naval Weapons Center was involved in work that was done on developing the new turret gun and the fire truck's remotelycontrolled bumper turret.

According to Fire Chief William R. state of the art features in airfield fire fighting apparatus. The tank capacity of the new fire truck is 1,500 gallons — a 50 per cent increase over the previous 1,000 gallon maximum that other Navy aircraft fire fighting apparatus can carry.

that can pour 800 gallons per minute of a fire fighting agent onto a blazing aircraft, as well as a remote-control bumper turret with a 300 gallon-per-minute capacity that can be operated from inside the cab by either the driver or another fire fighter. An 80-gallon-

per-minute handline provides interior fire fighting and mop-up capabilities.

In addition, the P-4A can be hooked up to a Knight, the P-4A incorporates the latest fire hydrant, thus giving it the capability of providing pumping support for fighting a structural fire - something no other Navy crash trucks are able to do. The latter can pump only the fire fighting liquids carried in their own tanks.

Until now, the Navy's most up-to-date The P-4A also has a high flow roof turret aircraft fire fighting apparatus dispensed a foam that was mechanically aspirated by entraining air into the delivery system either at the turret or at the pump. The P-4A, which has a non-aspirating delivery system, makes it possible for the first time (Continued on Page 3)

Seabees to lend hand with NAF swim pool solar heating system

swimming pool will get a shot in the arm Propulsion Development Division. during the next eight days when work on a Heat confirmation analysis work, conradiator-like grid systems of water lines ducted for the purpose of determining how that are a part of this system is to be carried

The work will be done by a group of steelworkers - members of a 90-man advance party from Mobile Construction Battalion 5, homebased at the Naval Construction Battalion Center in Port The personnel of MCB-5, who are

stateside once again following a tour of duty on the Indian Ocean island of Diego Garcia, were due to arrive here vesterday to lend a hand with various Self-Help Program projects for more than a week.

After that, they will be joining the remainder of their 400-man unit in a weeklong field exercise that will be carried out in the Mojave B range area.

The permanent solar heating system for the NAF swimming pool was designed and engineered by Ronald E. Smith, a mechanical engineer in the Applied

Construction work on a permanent solar Technology Branch (Code 4575) of the heating system for the Naval Air Facility Propulsion Development Department's

much heat will be obtainable based on the size of the solar heat collector surface area, was done by Charles Benham and Garyl Smith, both employees of Code 45701, and part of the structural engineering work was handled by John Bush, also an employee in Code 4575.

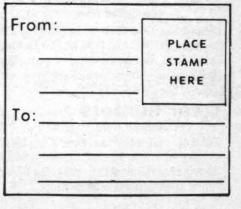
The gridwork of water lines the Seabees from MCB-5 will be installing this coming week will lie on the surface of the ground. The Seabees hope to complete this part of the work and hook it up to the swimming pool's water supply.

Later on, a layer of asphalt black top will be laid between the water lines and help to insulate them against loss of heat, and the final touch will be an 80 by 100 ft. concrete top that will provide a playing area for either volleyball or basketball.

Since concrete is porous, the sun's rays (Continued on Page 4)



TALENTED FAMILY — Johnny Whitaker (at right), his sisters, Mary and Dora, and brother, Billy, will headline tomorrow's presentation of the Johnny Whitaker Show at 7 o'clock at the Center theater. Tickets are still available for this family entertainment event.



CODE 39 EMPLOYEES RECEIVE PATENT AWARDS - W. B. Porter (at right), head of the Weapons Department, recently presented both patent awards and superior achievement awards to three of the employees in his department. The recipients were (from left) Jack Lyons and Lyman VanBuskirk, both mechanical engineers, and Myron Iverson, an electronics engineer. Lyons received two patents for his development of mechanical holders for chemiluminescent devices. Van Buskirk was granted a first award on a radar significant target the Navy will prosecute for a patent, and Iverson also received a first award on an optical

DoD issues new rules concerning **CHAMPUS** nonavailability statements

In an effort to insure thorough, impar- hospital within 40 miles of the place where it tial consideration of requests for will be provided. nonavailability statements by CHAMPUS beneficiaries, each Uniformed Service hospital is establishing a procedure under which initial denial of a request can be appealed. Each procedure will be publicized locally when finalized.

These actions result from new Defense Department policy guidance concerning nonavailability statements. Most provisions of the guidance are designed to prevent hardship for those who need inpatient care.

The Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) is prohibited from paying for non-emergency inpatient care from a civilian source when that care is available at a facility of the Uniformed Services within a 40-mile radius of the patient's residence, unless a nonavailability statement (DD Form 1251) has been issued.

Local Conditions Reviewed

One provision of the new policy guidance calls for commanders of Uniformed Services hospitals to take another look at local conditions in a renewed effort to identify those under which they might authorize inpatient care from civilian sources for CHAMPUS beneficiaries.

Another provision calls for special consideration for anyone living near the edge of a 40-mile radius who must travel more than 40 miles to a Uniformed Service hospital. However, it is up to the individual to prove that the travel distance is more than 40

The new policy guidance also defines certain areas in which a nonavailability statement issued by a Uniformed Service hospital is not valid. Specifically, a statement issued by one hospital cannot be is not available at any Uniformed Service tacted by calling 2911, ext. 54.

of active microwave devices such as amplifiers,

project engineer. Duties include providing production support for the AIM-9L System; providing contract liaison systems, and the ability to perform circuit analysis for analog circuits and to function effectively in close

association with other engineers and technicians. Welder, WG-3703-11, JD No. 3703N, Code 55482 Position is located in the Metalworking Branch, Engineering Prototype Division, Engineering Department. Incumbent performs controlled welding and related flame cutting, soldering, brazing, metal spraying and flame heat treating of an experimental nature in connection with the research and development of the welding process for such purposes as developing and improving welding methods and sequences of standard trade procedures. Job Relevant Criteria: Ability to do the work of a welder without more than normal supervision; knowledge of materials and structures of the trade; ability to plan, lay out and set up welding work, to interpret and apply shop drawings, specifications and welding procedures, to use a variety of the hand tools and measuring devices common to the trade, and to perform

upervisory Accounting Technician, GS-525-6/7. PD No. 7017045, Code 0862 - This position is in the Cost Ac ounting Branch, Accounting and Disbursing Division, Office of Finance and Management. The section's funccumbrances, costs, accounts payables and disbursements pertaining to purchase orders and delivery orders taken off General Service Contracts in the Navy Industrial Fund Accounting System. Job Relevant Criteria: Knowledge of cost accounting system; knowledge of commercial type double entry accrual accounting principles and echniques; and the ability to supervise. Previous ac

In addition, hospital commanders have File applications for the above with Tina Lowe, Bldg. 34 been encouraged to set up procedures whereby a nonavailability statement can be requested by phone or letter.

Anyone with a question about nonavailability statements should contact a CHAMPUS advisor at a local Uniformed used for care from a civilian source within a Service medical facility or write to 40-mile radius of any other Uniformed CHAMPUS, Denver, Colo., 80240. At the Service hospital, unless the hospital issuing Naval Weapons Center the health benefits the statement has determined that the care advisor is Sharon Smith, who can be con-

The new guidance also provides that:

(1) A nonavailability statement will be

valid for 60 days when a patient requires

additional inpatient care for the same

diagnosis, for complications from the

(2) A nonavailability statement issued for

chronic conditions such as cancer and

kidney dialysis that require repeated ad-

missions or continuity of care will be valid

(3) A person who seeks nonemergency

inpatient care from a civilian source while

in a travel status will need a nonavailability

statement if that care is to be received

within a 40-mile radius of a Uniformed

Service hospital; the statement should be

(4) A person confined to bed on a

physician's order will not have to appear in

person at a Uniformed Service medical

facility to get a nonavailability statement

provided that a civilian physician certifies

in writing that the person is confined to

(5) A nonavailability statement issued

outside of the United States will not be valid

in the United States; conversely, a

nonavailability statement issued in the

United States will not be valid in foreign

obtained from that hospital.

What To Do on Travel

original care, or for follow-up care.

for 12 months.

The Rocketeer

Official Weekly Publication **Naval Weapons Center** China Lake, California

RAdm. Rowland G. Freeman III **NWC Commander**

Dr. G. L. Hollingsworth

Technical Director

C. E. Van Hagan

Head, Technical Information Departmen

> Don R. Yockey James J. Stansell Associate Editor Terri Jacks Editorial Assistant

> > Ron Allen

Staff Photographer



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. 3354, 3355, 2347

Promotional opportunities

with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in 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 656 or 657). 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 supervisory 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-322-3 / 4, PD No. 7655107, Code 55 -Position is located in the Engineering Department office ncumbent assists in screening phone calls and visitors to the department office; does typing and filing; provides clerical support for the associate department head and the head of staff; maintains the department travel orders file. Job Relevant Criteria: Knowledge of filing systems and format for Naval correspondence; ability to meet deadlines under pressure; reliability and dependability; and the ability to deal with people courteously and diplomatically. Previous applicants need not apply

Electronics Technician, GS-856-5/6/7/8, PD No. Guidance Branch, Product Design Division, Engineering Department. Duties include fabrication and test of microwave stripline circuits; operation and maintenance of the anechoic chamber; assembly, test and troubleshooting of guidance sections; test and evaluation specifying, inspecting and testing equipment suitable for use in the various laboratory test facilities of the division. Job Relevant Criteria: Ability to work with miniature nicrowave components and circuits where extremely close mechanical and electrical tolerances are mandatory; familiarity with general electronic fundamentals, as well as basic microwave concepts and principles. Promotion Potential: GS-10. Previous applicants need not

Electronics Engineer, GS-855-11 / 12, PD No. 7355132E, Code 5522 - This position is located in the Systems Electronics Branch, Engineering Design Division, electronic design and development engineer and as a for production problems on the AIM-9L guidance section in the electronics area; providing support to contractors in the production and test of AIM-9L guidance section electronics; and performing circuit analysis. Job Relevant Criteria: Familiarity with air-launched weapons guidance

e duties of a welder both safely and with dexterity. File applications for the above with Janet Thomas, Bldg.

34, Rm. 204, Ph. 2925. tion is to analyze, process, review and reconcile all enplicants need not reapply

SEABEE RESERVIST RETIRES -Chief Equipment Operator Louis Pipkin (at right) was recently presented an engraved cigarette lighter upon his retirement from the reserves by Ltig. Steve Bovee, officer-in-charge of the local Seabee detachment No. 0217. EOC Pipkin, who joined the detachment in 1957, completed a total of four years active duty and 26 years in the reserves. A native of Eldorado, Ark., he works as a heavy duty equipment operator for the Public Works Department.

Rm. 206. Ph. 2676. Mathematician, Physicist, General Engineer, or Computer Specialist, GS-1520-1310-801-334-9 / 11 / 12, PD No. 7640094, Code 4032 - This position is located in the Computer Services Branch of the Systems Development Department. The incumbent provides computer system analysis, programming, documentation, instruction and consulting services for users of the UNIVAC 1110 Central Computing Facility. Job Relevant Criteria: Knowledge o FORTRAN, ASSEMBLY, EXEC-8 Control Language and munications Handlers; ability to implement and naintain such software.

August 13, 1976

Mathematician, Physicist, General Engineer, or Computer Specialist, GS-1520-1310-801-334-9 / 11 / 12, PD No. 7640095. Code 4032 - This position is located in the Computer Services Branch of the Systems Developmer Department. The incumbent provides computer systems analysis, programming, documentation, instruction and consulting services for data management users of the UNIVAC 1110 Central Computing Facility. Job Relevant Criteria: Knowledge of COBOL, EXEC-8 Control Language; knowledge of Data Base Managemen systems, especially SYSTEM 2000; ability to implement and maintain such software.

Mathematician, Physicist, General Engineer, or Computer Specialist, GS-1520-1310-801-334-9 / 11 / 12, PD No. 7640096, Code 4032 - This position is located in the computer Services Branch of the Systems Developmen Department. The incumbent provides computer systems analysis, programming, documentation, instruction and onsulting services for configuration management users of the UNIVAC 1110 Central Computing Facility. Job Relevant Criteria: Knowledge of configuration management systems, especially CADMSS; knowledge of COBOL, EXEC-8 Control Language; knowledge of Data Base Management systems, especially SYSTEM 2000 ability to implement and maintain above software. This position will revert to Code 555 at the end of 1 year.

Supervisory Clerk (DMT), GS-316-5, PD No. 7640052, Code 405 - This position is that of division secretary of the Laser / Infrared Systems Division. The incumbent will also become head of the Lauritsen Laboratory Word Processing Center (WPC), providing both technical and administrative direction of WPC personnel. Besides providing clerical support to the division head, the in cumbent plans, organizes and directs WPC operations evaluates technical procedures and equipment; maintains and submits reports; and does personnel functions such as personnel selection, promotion recommendation, training award proposals, disciplinary actions, etc. Both clerical and typing support functions for the division and other units in the Lauritsen Laboratory will be under the in cumbent's direction. Job Relevant Criteria: Must have ability to provide first line supervision; be able to com municate and deal effectively with all levels of NWC management; have thorough knowledge of NWC correspondence, procedures and instructions; and have knowledge of the operations of dictating and transcribin equipment and magnetic media. Promotion Potential: GS

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118. Administrative Assistant, GS-341-5, PD No. 7637051, (Continued on Page 4)



DIVINE SERVICES

Sunday Worship Service

Sunday School - All Ages

Wednesday Noon Bible Study

Sunday School	ol Classes are held in Char	pel Annexes	1, 2,
(Dorms 5, 6, 8) located opposite the Cent	er Restauran	it.
Communion 5	Service first Sunday of th	e Month.	
	ROMAN CATHOLIC		
	MASS		
Saturday	1700 fulfills	Sunday oblig	gatio
Sunday		0700 0830	11:
8	LESSED SACRAMENT CI	HAPEL	
	MASS		
Daily except	Saturday	1 1 1	11
	CONFESSIONS		
Daily		1115 to 11:	
Saturday		1530 to 16-	
Sunday		0800	to 08
RE	LIGIOUS EDUCATION C	LASSES	
Sunday	Pre-school thru 6th grad	des	10
Wednesday	First thru sixth		153
	seventh & eighth		190

Ninth thru 12th grades

(Junior High) Above classes are held in Chapel Annexes across from Center Restaurant. As announced 'In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics. JEWISH SERVICES EAST WING - ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Services - (Sept.-May)

COM to be setting of annual summer party slated Aug. 27

A sure cure for the summer doldrums has been planned for the evening of Friday, Aug. 27, at the Commissioned Officers' Mess by the Junior Professional Program Committee

On that date, starting at 6 p.m., the COM will be the setting for the annual summer party which is open to all Naval Weapons Center employees, military personnel and their dependents.

A spaghetti dinner that will include salad, garlic bread and iced tea, coffee or beer will be served, and arrangements have been made to have music for both dancing and listening played by a Los Angeles-based group that goes by the name of "Deliverance." The festivities will continue until midnight.

Tickets for the summer party are priced at \$3.75 for adults and \$1.75 for children less than 12 years of age. The tickets can be purchased in advance at department offices, and also will be sold at the COM on the evening of Aug. 27.

Additional information and tickets also can be obtained by calling either Brent Teeter, at NWC ext. 5431, or Eric Sommeria, at ext. 5261.

Program on breast cancer to be given at Community Center

Two presentations of an American Cancer Society program on breast cancer have been scheduled Tuesday afternoon in Panamint Hall of the Community Center for the benefit of interested NWC employees.

The program will be limited to 60 persons per session, and will be held from 1 to 2:30 and 2:30 to 4 p.m. No advance enrollment is required.

The Civil Service Commission and the American Cancer Society are cooperating formally this year to bring cancer education programs to Federal employees whose agencies wish to make use of such programs.

In California, this effort has been concentrated on breast cancer and is a part of Project SAFE ("Safeguard All Federal Employees").

Signups set for jr. bowling fall league

Signups for the fall leagues of the American Junior Bowling Congress will be held at Hall Memorial Lanes on Sept. 11 and 18 from 10 a.m. to 1 p.m.

League play will begin Sept. 25 in four divisions: Little Giants, ages 6 through 8; Bantams, 9 through 11; Juniors, 12 through 14, and Seniors, 15 to 21.

A fee of \$1.25 will be required of each registrant.

Adult winter bowling leagues will begin play on Sept. 7. Persons desiring more information about teams may contact the bowling center by calling NWC ext. 3471.

VX-5 volleyball . . .

(Continued from Page 6) Adams was singled out as the outstanding player for the officers' team.

So far this summer, Bob's Ballbusters have finished in first place in the first two volleyball tournaments that have been played, and are currently leading in the third such tourney.

Golf tournament . . . (Continued from Page 6)

China Lake Golf Club or by phoning Paul Someson at NWC ext. 2990, or Jim Downard at 446-5587, the latter after 5 p.m. More information will be published in a later issue of the ROCKETEER.

Deer hunters . . .

(Continued from Page 6)

general or an option tag. Zone X tag holders successful in special hunt drawings will not be required to submit an option tag in order to get their special hunt permits.

Employee in the spotlight

ROCKETEER

The first question to settle about R. H. Booth is just what those initials stand for. Booth, as he prefers to be called, is a popular and engaging employee of Code 4041, working as an electronics technician mainly for the A7 Program Office, where he has been involved in the maintenance and support of the A7 Navigation Simulation Laboratory for more than five years.

There's a rumor going around that his first name is Ray. Not so, insists Booth. "My birth certificate just says R. H. Booth. What's the 'R' doing there, you ask? That's the thing that is placed next to the H. Neither letter stands for anything, so I often put them in quotes when I use them

(While the above explanation was in progress, a man dropped into The ROCKETEER office to pick up a newspaper. He and Booth chatted for a few minutes, and when the former left, he said, "Well, so long, Ray." Booth smiled, and the interview resumed.)

Army Man During WWII

Born and raised on a farm in Center, Tex., Booth served in the Army during World War II as a truck driver and clerk typist at a number of bases throughout the United States. It was while assigned to such duty at the Yermo Holding and Reconsignment Point that he got his first taste of California life, and he liked it - and remembered it.

Upon his discharge from the service at the end of the war, Booth, who had been attracted to the "Golden State" by its 'feeling of freedom," immediately headed for Los Angeles, where he eventually landed a position as a mail handler at the Terminal Annex Post Office. After about three years in that job, he worked as a



"R. H." Booth guard for the Immigration and Naturalization Service of the Department of Justice at Terminal Island.

In search of better career opportunities, however, Booth took the Civil Service placement exam in 1951, and came to China Lake in October of that year as a security inspector for the old Rockets and Explosives Department at both the China Lake and Salt Wells Pilot Plants.

In 1954 Booth left the security field to enter the Apprentice Program here and emerged as an electronics mechanic four years later. In this capacity, he worked in Area R and at SNORT, and in 1961 went to the Aviation Ordnance Department, where he was later promoted to the position of electronics model maker. In 1963 he was again advanced — this time, to electronics

'Do it yourself' moving program pays cash bonus

Personnel moving within the continental United States now can make money for themselves - and save the government money - by participating in the "do it yourself" moving program.

The government will pay a cash bonus to personnel who move their household goods by rental trailer or truck. Packing materials and equipment are provided by a designated contractor who bills the government for the services. Money for gasoline and tolls also is provided to the service member.

The cash bonus is computed by subtracting these actual costs from 75 percent

of the cost of a commercial move.

The bonus is considered income, so 20 percent federal withholding tax will be deducted and a W-2 will be issued to the service member with the payment. Payments are made after the move is completed and actual costs are

The voluntary program is not open to individuals who move their household goods in privately-owned vehicles except in special cases. Full details on the new cash incentives are available from any U.S. Personal Property Shipping Activity.



PATENT AWARDS PRESENTED IN FUZE DEPT. — Five employees of the Fuze Department were the recent recipients of patent awards that were presented by R. A. Boot (at right), acting head of Code 33. They are (I.-r.) Matthew Anderson, Stephen Redmond, John F. Crossley, William R. Magorian and Kenneth R. Wetzel. Anderson and Redmond shared a patent for their development of a pressure armed explosive apparatus — a technique for using high pressure gas for arming a large number of bomblets when they are released from an air-dropped canister. Crossley worked with Thomas Hampton, C. R. Hamilton and Kenneth Morris (none of whom were able to be present for the photo), on a fuze sterilization system for the Shrike fuze. The system senses abnormal flight conditions and is activated, thus preventing arming of the warhead initiation device. Magorian and Wetzel were co-inventors of a leakage rejector which rejects unwanted signals that originate from a pseudo-random-noise bi-phase coded transmitter. The leakage rejector makes it possible to obtain superior performance from pseudo-noise radar systems, and reduces the cost and complexity of system implementation.

technician - and late in 1970 was transferred to his present office.

As a 25-year resident of the China Lake community, Booth reflects, "Things have changed for the better since the early '50s. This town has grown a lot and there are some really nice homes now. When I first came here, I lived in a barracks - where the technical library is now located."

For the past year, Booth has been a member of the Center's EEO Committee. "This has been interesting work," he says. "I am close enough to the forest to see that there are trees, that there are areas here which need improvement in promoting equal employment opportunities."

Member of EEO Subcommittees

Booth is on the Spanish-Speaking Program and the Training Subcommittees, and, in the latter capacity, he has evaluated a number of workshops, films and seminars that are EEO-related.

"The EEO program here is beginning to work," says Booth. "It's gaining momentum. The signs of this are the interest that is exhibited from the top on down the line that is, the interest expressed by the Admiral (Rear Admiral R. G. Freeman III, NWC Commander), the chairman of the committee, Bill Porter, and Grant Williams, Deputy EEO Coordinator."

The father of a 19-year-old son, Kenny, and a married daughter, Alissa (both of whom live in the Los Angeles area), Booth describes his "prime interest" as collecting jazz records of such artists as Duke Ellington, Dizzy Gillespie and Count Basie.

With plans to retire from the Civil Service in about five years, Booth says he spends a lot of time trying to decide what his next career will be. "It won't be in the electronics field - rather something like sales, real estate or a small business, either around here or in the Bakersfield, Palmdale or Lancaster areas.

"I don't want to be married to another job," he added, "because I would like to be able to work when I want to and then take off when I feel like it - in order to chase down some records and attend jazz festivals, for instance."

Suspicious actions in Wherry Housing should be reported

Recent incidents in and around the Wherry Housing area indicate a need for assistance concerning the observation and reporting of any suspicious actions in that area.

With many of the Wherry units vacant, these houses and the immediate area surrounding them can and have become a hazard. Coupled with the school vacation period, these facts compound the serious nature of the hazards involved. The possibility exists that children could become seriously injured and / or trapped in a fire situation by playing in and around these vacant units.

Help the NWC Safety and Security Department help the community by reporting suspicious incidents to the

Police emergency, phone 939-3323, or for routine police business call 939-3226 or 939-2947.

In case of a fire emergency call 939-3333. Fire business and information numbers to call are 939-2095, 939-2402 or 939-2062.

Additionally, residents are reminded to make sure that they know how to report an emergency by telephone, as well as how to use their nearest fire alarm box

China Lakers also should have a previously prepared plan for evacuation in the event of fire at home. Literature and additional information is available at Fire Station No. 1, or can be obtained by calling the fire business telephone numbers listed above.

Results announced in C.L. Tennis Club's

doubles tournament A total of 49 teams participated in last

Saturday's "double doubles" tournament sponsored by the China Lake Tennis Club and Special Services.

In the women's doubles bracket, the team of Ruth O'Neill and Marla McBride topped Sherry Miller and Nancy Webster by the scores of 5-7, 6-4, 6-3 to capture first place. Third were the mother and daughter team of Charlene and Karen Newmyer.

The father and son team of Dick and Dave Boyd took the top spot in the men's doubles event by besting Bob Forrester and Van Ribultan, 6-2, 6-3. Placing third were Nick Schneider and Wilt Wyman.

Chuck Beatty and Karen Newmyer teamed up to defeat Bernie Wasserman and Linda Duncan by the scores of 6-0, 6-1 to win the mixed doubles event, while Wyman and Uta Strasser placed third.

The China Lake Tennis Club's next event will be the Gary Haugen Memorial Tournament, which is slated for Oct. 9-11.

This event, which will be open to everyone, is intended to benefit the tennis scholarship fund established in the memory of young Haugen, a noted local enthusiast of the sport who died of leukemia last month. More details about the tournament will be announced later.

VX-5 officers' team loses to enlisted men's all-star squad

The enlisted personnel of Air Test and Evaluation Squadron Five (VX-5) this week found the combination for defeating the squadron's volleyball kings - the all-officer team commonly known as Bob's Ballbusters.

An all-star enlisted men's squad, the members of which were chosen from teams that compete in the noontime summer volleyball tournament held by VX-5, won three out of three games by scores of 15-11, 15-9 and 15-13.

All three games, especially Nos. 1 and 3, were long, hard-fought contests and were witnessed by the largest group of squadron personnel ever to be on hand as spectators at a VX-5 volleyball game.

The crowd favorite, by an overwhelming majority, was the enlisted men's all-star team coached by AK3 Rick Booth. Outstanding players for the victors were DTSN Lyle Parthemer, AE3 Craig Hiller and AQ2

The doughty group of VX-5 officers was led by its player-coach, Capt. Robert Livingston, the squadron's Commanding Officer. In an informal poll that was taken following the exciting contests, LCdr. Tony (Continued on Page 7)

HEADED FOR HOME PLATE — Kent Blevins of the Bird Olds softballers speeds around third base on his way home to score against the Stare Montagne team in the first inning of Tuesday night's Intramural League slow pitch playoffs. Bird Olds went on to win the contest by a score of 13-9. In other playoff action that evening, Pizza Villa defeated the Air Test and Evaluation Squadron Five team by a 14-4 tally. At press time, the championship game was slated to be played last night.

NWC all-stars selected; first game set Sat. in MDISL fast pitch tourney

The NWC all-stars will play their first the Center another 15 points in over-all game in the Mojave Desert Inter-Service MDISL competition, while all other enleague fast pitch softball tournament at 1 trants would get at least 10. p.m. tomorrow at Norton Air Force Base in

The team has already drawn a first round bye, and Saturday's contest will be played at diamond No. 1 against the winner of the game between Los Angeles Air Force Station and George AFB. The locals' second game in this double-elimination event will be played at 6 o'clock that same evening at diamond No. 2.

Included on the NWC team are pitchers Billy Brown and Burt Andreason, catcher Tom Mather, infielders Mike Zych, Jim Ayers, Bill Stuart and Gary Brown, and outfielders Tony Cozzucoli, Warren Turnbaugh, Greg Bishop and Dave Scaff.

According to knowledgeable observers, NWC - which has finished first in this event over the last few years - is again favored to repeat that performance. A win would give

Currently, NWC is tied for fourth place in the MDISL standings with Nellis and George Air Force Bases, all of which have 44 points. Holding onto the lead is March AFB (53 points), while Edwards (46) and Norton (45) Air Force Bases are in second and third place, respectively.

Remaining MDISL events this year are slow pitch softball, Aug. 20-22, at Nellis AFB; golf, Sept. 15-17, at China Lake; and the minor sports carnival, Oct. 22-24, at March AFB. The latter event will include competition in handball, racketball, badminton and the 3-mile run.

Deer hunters should be familiar with tag system, DFG says

The Department of Fish and Game today reminded California deer hunters to make certain they understand the tag system before going afield during the early season which began last Saturday.

Hunters should review the instructions on their deer tags in the hunting regulations booklet, the DFG said. Failure to use the right tag after killing a deer could result in the loss of the opportunity to hunt deer in other areas of the state.

Here is a rundown on the three types of deer tags available this year and how to use

The general (yellow) tag is good for taking one buck only in zones A, B, D or E. Boundaries and seasons for each zone are clearly shown in the hunting regulations booklet, available free wherever hunting licenses are sold.

The option (white) tag may be used either to tag a buck taken only in zones A or B or by a successful applicant for a special deer hunt permit. Successful applicants are required to turn in their option tag along with the \$5 permit fee upon being notified that their names have been drawn for a special hunt.

The zone X (purple) tag is valid only for taking one three-point buck in the zone X area in northeastern California. Persons buying this tag may not purchase either a (Continued on Page 7)

to Hawaii (for a hole-in-one), a case of champagne (for closest to the hole), three days and two nights in Las Vegas, a \$20 gift certificate at the Hideaway, and more.

nwc rocketeer **SPORTS**

August 13, 1976

Wilt's Corner

Active fall sports program offers 6 competitive events

An active fall program is planned, including 7-man flag football, fast and slow pitch softball, soccer, basketball and andball singles tournaments.

The 7-man flag football league will play on Mondays and Wednesdays. So that more people and teams can participate, the rosters will be limited to 12 players. Seven-man flag football is a great parcipation sport; since the emphasis is on deception, speed and stamina, the person of average size and strength can do at least as well as the player that is bigger and stronger. League play will begin on Sept. 13. **Hunter Safety Course**

The year's final hunter safety class is now full and no further registrations will be

The course, which will be taught by instructors from the Sierra Desert Gun Club. is slated for Aug. 28-29, and leads to a valid hunter safety proficiency certificate required of all persons who desire to obtain their first California hunting license.

MDISL Slow Pitch Tourney Tryouts will be held at 6 p.m. today and Monday at Schoeffel Field for the team to

represent the Naval Weapons Center in the Mojave Desert Inter-Service League slow pitch softball tournament, which is scheduled for Aug. 20-22 at Nellis Air Force Base in Las Vegas.

Craig Hiller and Art Donaldson will be coaches for the team, for which both civilian and military personnel of NWC, and employees of contractors affiliated with the Center, are eligible to try out.

Summer Volleyball League

Today is the last day to turn in rosters for both two and six-person volleyball teams. League play will start on Tuesday and continue until Oct. 1.

Youth Soccer Signups

Registration will end tomorrow for Youth Soccer League play. Young people 8 through 12 years of age are eligible to

Tryouts and clinics will be held from 5 to 7 p.m. on Wednesdays between Aug. 18 and 25 for the 10 through 12 age group, and on Thursdays between Aug. 19 and 26 for 8 and 9 year-olds at Davidove Field. All those who register after tomorrow must attend clinics prior to being placed on a

Registrations are being handled at the Youth Center between 12:30 and 4:30 p.m. and 6:30 and 9:30 on weekdays and on Saturdays between 1 and 9 p.m. Further information may be obtained by phoning NWC ext. 2909.

C.L. Golf Club to sponsor new tourney on Aug. 28

The China Lake Golf Club will sponsor the first local Hawaii Week Western Airlines Open on Saturday, Aug. 28.

Golfers with Southern California Golf Association handicaps will use such handicaps, while golfers who do not have a handicap will use the Peoria System of handicapping. Prizes for this event, which have been

donated by local merchants, include a trip

Registrations may be made now at the (Continued on Page 7)

RAdm. Gravely selected for promotion; to become Commander, U.S. 3rd Fleet

President Gerald R. Ford last week Diego. nominated Rear Admiral Samuel L. Gravely, Jr., for promotion to vice admiral and assignment as Commander, U.S. Third Fleet. RAdm. Gravely is currently Commandant of the 11th Naval District, San



TV antennas . . . (Continued from Page 1)

started last March, a little more than \$4,000 (or just enough to maintain the system for a year) was raised in two months' time, compared to the \$20,000 it had been hoped could be brought in by donations of local area residents.

Contributions from those willing to assist with further improvements to the system are still welcome and can be made at any time by mailing a check or money order made payable to "TV Booster" to: TV Booster, P. O. Box 1795, Ridgecrest, CA

At the present time, the directors of the China Lake Community Council are still waiting to hear from the Federal Communications Commission regarding a proposal to change the name of its local corporation to "TV Booster, Inc.," and open up membership on the board of directors to all residents of Indian Wells Valley.

New fire truck . . .

to dispense the fire fighting agent in a large, adjustable fog pattern that can knock down fires more rapidly and is consequently a more effective fire extinguishing system, Fire Chief Knight stated.

At the request of the Navy Material Command, an orientation for fire chiefs and representatives of more than 40 Naval and Marine Corps activities scheduled to receive the new P-4A aircraft firefighting vehicle will be held at China Lake the week of Aug. 23-27. The orientation will consist of familiarization, operation and a demonstration of the capabilities of the new \$132,000 vehicle.

A mockup of a C-5 (cargo type aircraft) will be used for evaluating the effectiveness of the P-4A in extinguishing aircraft fires for the benefit of the visitors. Step by step operations in actual fire fighting will be conducted by China Lake Fire Division personnel to determine vehicle performance parameters and to establish baseline threshold capabilities.

Parking lot north of BEQs to be closed

Beginning at 8 a.m. Monday and continuing until approximately Tuesday, Aug. 31, the parking lot on the north side of the BEQs (between Hussey and Lauritsen Rds.) will be closed to all parking and through traffic with the exception of emergency vehicles.

This action is necessary in order to permit repair work to be done and parking places re-marked. Additional information can be ob-

tained by calling Bill Williams at NWC ext. 3308.

When confirmed by the Senate and reassigned, Admiral Gravely will become the Navy's first black vice admiral and first black Fleet Commander. He has marked several other milestones during the naval career: He was the first black executive officer and commanding officer of a Navy ship, first black line captain and admiral and one of the first two blacks to attend the Naval War College in Newport, R.I.

ROCKETEER

In discussing the new assignment, Admiral James L. Holloway III, Chief of Naval Operations, said, "Command at sea is not unusual for Admiral Gravely. His career includes command of four surface ships and a cruiser-destroyer group, as well as service in five other ships.

As Commander of the Third Fleet, Admiral Gravely will be responsible for guarding the western sea approaches to the United States and training the crews of ships deploying to the western Pacific. The Third Fleet consists of approximately 100 ships and 60,000 Navy and Marine Corps



FINAL CHECK MADE — Looking over of one of the two buildings comprising Cerro Coso Community College's new City Center arts and trades facility, which will open in time for the beginning of the fall semester on Aug. 23 are (I.-r.) Robert Raful, dean of administration and community services; James A. Sirman, associate dean of instruction, occupational education; and Dr. Richard A. Dodge, dean of instruction. A full program of arts and occupational trade courses will be offered in the new facility.



AT WORK IN CERAMICS LAB — Forming a planting pot in the ceramics laboratory of the new Cerro Coso City Center arts and trades facility is student Dick Benson, Pam O'Guin looks on hoping to learn the technique. Ceramics is one of many arts that will be offered at the new Center by the local community college.

New occupational standards for Navy ratings developed

New occupational standards for Navy vancement requirements. ratings have been developed by the Bureau PARs will be effective Jan. 1, 1977, and program has been created.

PAR reflects the new occupational standards and will replace practical factors as a measure of basic skills for determining advancement eligibility. The PAR program presents task statements (things to be done in the rating) instead of the previous lists of practical factors. It is designed to be a more realistic method of evaluating overall ability by allowing commands to evaluate the individual in a day-to-day environment.

PAR forms (NAVPERS 1414/4) have been developed for each rating. Since the E-3 apprenticeships are broad and in many cases related to several ratings, a single PAR is impractical. Therefore, eligibility for advancement to E-3 will be based on local command evaluation in accordance with the advancement manual. PARs also are not required for advancement to paygrades E-8 and E-9 since other adequate means for advancement selection exist for these paygrades.

Each PAR contains descriptive information, instructions for administration, special rating requirements (physical, citizenship, security clearance) and ad-

of Personnel, and, as a result, a new Per- will be used to determine advancement sonnel Advancement Requirement (PAR) eligibility beginning with the August 1977 advancement cycle.

Cerro Coso College to begin courses at City Center Aug. 23 Cerro Coso Community College's newly-

constructed City Center will be equipped and ready for operation by the start of fall semester classes on Monday, Aug. 23, it was announced this week by Dr. Richard S. Meyers, president of the college.

Located at 735-37 W. Ridgecrest Blvd., the site consists of two buildings containing a total of 15,000 sq. ft. of classrooms, art laboratories and trade machinery areas. The facility is leased from contractor Milo

Cerro Coso College offers associate degree and 2-year certificate programs in a variety of art crafts and technical trades.

Programs scheduled this fall at the City Center include air conditioning and refrigeration, drawing, painting, ceramics, sculpture, jewelry, kiln building, automotive technology, motorcycle repair, metal technology and welding.

Admission to programs offered at the center is open to all high school graduates and all non-graduates 18 years of age and

High school students are also eligible for admission with the approval of their principal and the dean of personnel services.

Persons desiring to attend fall semester courses must register no later than Tuesday, Aug. 17.

For further information about the new programs to be offered at the City Center, or to obtain a copy of the fall schedule, phone 375-5001.



SETTING UP MACHINERY — Bruce Amos is shown preparing to cut threads on a bolt in the City Center machine shop. Modern equipment and up-to-date teaching techniques combined provide students an opportunity to learn a skilled trade which will qualify them for jobs.



MAKING A SPLASH - A six-week-scuba diving course which is now being held at the Center gymnasium's indoor pool is in full swing, and the final boat certification and dive will be made Sept. 26 off the Oxnard coast. In the photo, assistant instructors Jim Marshall (at left) and Bob Lemon make a practice dive into the pool. Leon Breedon, certified instructor of the course, is in charge of a class of 14 -Photo by Pete Anders

Promotional opportunities...

Code 3720 - This position is located in the Range Operations Division of the Test and Evaluation Department. The incumbent initiates personnel actions, prepares and reviews position descriptions, and coordinates training for division personnel; works closely with branch heads in establishing projected manpower needs for the division; checks on space requirements and utilization, prepares work requests for required alterations, and repairs and devises new administrative systems to assure satisfactory completion of prepared materials for briefings: collects and organizes information furnished by the branch heads that is to be presented to the division head, including work status, workload forecasting, per sonnel and fiscal reports. The incumbent monitors all division overhead and special project funding; is responsible for reviewing its expenditure on a continuing basis to insure conformance with budgetary planning; coordinates the efforts of the division planning staff and the department financial staff to produce a more com prehensive, functional budgeting and cost control scheme for department tasks. Job Relevant Criteria: Knowledge of NWC range operations, demonstrated ability to mee and deal with people at all organizational levels, and knowledge of NWC administrative procedures. Promotion

Administrative Assistant, GS-341-5 / 7, PD No. 7637056, Code 3702 — This position is located in the Staff Office of the Test and Evaluation Department. The incumbent performs a variety of administrative duties including management analysis tasks, liaison to depart ment / Center committees, and coordination of internal department efforts as they relate to space, plant account inventory, equipment management, general administrative and fiscal operations. The incumbent is to department-wide surveys, reports and studies, as well as miscellaneous administrative duties which periodically arise. Incumbent's efforts involve consultation with operating supervisors in determining the most feasible methods for resolution of general problems. All studies will include recommendations and sufficient information to make clear the course (or alternate courses) of action to follow, with an analysis of the implications of each course ministering the Center's program for plant property ac counting within the department, implementing the Center's equipment management program within the department and establishing effective equipment control procedures where feasible, developing a financial reporting system which provides information required for fiscal visibility and evaluation criteria needed for management purposes. Job Relevant Criteria: Knowledge of NWC Range Operations, of plant property accounting and equipment management procedures, of procedures related to management surveys, studies and reports, of fiscal management procedures, and demonstrated ability in oral and written communications. Potential GS-9 based upon full assumption of projected GS-9 duties.

nistrative Officer, GS-341-9 or 11, PD No. 7384004, Code 8403 - This position is located in the office of the director of the Safety and Security Department. The incumbent serves as head of staff of the Safety and Security Department and carries out management decisions policies and procedures; analyzes work flow and deter compiles and submits department budget, and monitors funds throughout year; recommends personnel policies and procedures to the director; coordinates, with the Personnel Department, recruitment, position classification and training; and conducts studies to assure Relevant Criteria: Must have thorough knowledge of management principles, be able to deal effectively with all levels of Center personnel, and have experience in establishing administrative policies.

File applications for the above with Carol Downard, Bldg. 34, Rm. 208, Ph. 2577.

Mechanical Engineer, GS-830-12 / 13, PD No. 7645057, Code 4563 - This position is located in the Weapons Systems Branch, Conventional Weapons Division Propulsion Development Department. The incumbent is the deputy project manager assigned to a Naval Weapons Center FAE Program Office. Responsibilities includadministrative supervision and planning of the Navy Fuel-Air-Explosive Weapon System (FAE II); and coordination project sponsors. Job Relevant Criteria: Knowledge of physical, chemical and engineering principles used in explosives and weapons systems design; ability to supervise one or more senior engineers and technicians; and ability to coordinate the efforts of different organizations involved on a particular project

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Electronics Engineer, GS-855-11 / 12, PD No. 7633051E, Code 3343 - This position is located in Fuze Project Branch III, Development Division II, Fuze Department Incumbent performs design, testing and analysis of electronic components, circuits and systems for a major fuze project. Duties begin with initial design feasibility study and continue through final design release. In cumbent also designs special fuze test equipment. Job Relevant Criteria: Knowledge of military component specifications, linear and digital circuit design, basic

fuzing principles, and electronic packaging techniques Electronic Engineer, GS-855-7/9/11, PD No. 7533110, Code 333 - (2 vacancies) This position is in the Fuze Project Branch II, Development Division I, Fuze Department. The branch is responsible for design and development, from conception to production of proximity fuze systems. The incumbent serves as an electronics engineer for one of the research and development programs assigned to the branch. Duties will include designing, developing, testing and evaluating unique solid state fuze electronic systems and circuits in the Criteria: Knowledge of electronic engineering principles and theory of the type, scope and thoroughness typically acquired through completion of a four-year course of study leading to a bachelor's degree from an accredited college or university. Promotion Potential: GS-12.

Electronics Engineer, GS-855-9/11, PD No. 7633052, Code 3342 - This position is located in Fuze Project Branch II, Development Division II, Fuze Department. Incumbent designs electronic circuits and components for target detectors; designs target detector test equipment; and devises procedures for testing target detectors. Job Relevant Criteria: Knowledge of digital and analog circuits, electronic packaging techniques, solid state devices, and basic fuzing principles. Promotion Potential: GS-12. Warehouseman, WG-6907-4/5/6, JD No. 362/33/369,

Code 2591 — (2 vacancies) Performs a number of tasks in connection with the physical receipt, storage or issue of

with established supply systems, procedures and more than normal supervision; keeping things neat, clean and in order; shows evidence of warehousing practices; interprets instructions; and shows knowledge of materials and documents.

ROCKETEER

Engineering Documentation Clerk, GS-301-6, PD No. 7250075-1N, Code 3372 — The position is located in the Design Documentation Branch, Design Services Division, Fuze Department. Incumbent maintains all engineering documentation developed or used in the Fuze Department maintains baseline configuration lists; and assists in the preparation of documentation bid packages and procurement data packages. Job Relevant Criteria: Knowledge of the Navy's configuration management program; knowledge of engineering documentation for mat; and ability to read blueprints and drawings. Engineering Data Management Specialist, GS-301-6, PD

No. 7633054, Code 3372 - The position is located in the

Design Documentation Branch, Design Services Division, Fuze Department. Incumbent prepares or reviews Engineering Change Proposals, Specification Change Notices, and Notices of Revision in conformance with Navy and DoD format and policies; assists in preparation of Document Control Plans; and is responsible for maintenance and control of all engineering data prepared Knowledge of Navy and DoD formats and guides for documentation; knowledge of engineering change proposals, specification change notices, notices of revision, etc.; and knowledge of document control plans. Mechanical Engineer, GS-830-7/9, PD No. 7533107N / 7533103E, Code 3352 — This position is located in the Electromechanical Division of the Fuze Department Incumbent independently designs, constructs, tests and equipment directed toward fuzes and fuze system components in exploratory and advanced development; and prepares progress or activity reports on the work assigned him by his supervisor as required. Job Relevant Criteria: Knowledge of safety-arming devices, knowledge of electromechanical devices, and ability to municate clearly and concisely. Promotion Potential File applications for the above with Terry Rowell, Code

657. Rm. 210. Ph. 2371.

JOB OPPORTUNITIES Recreation Aid, PS-0189-04, PD No. 745S129, Code 0853, (\$2.74 to \$3.19 p/h) — This is not a Civil Service job. This position is located at the gymnasium. Incumbent conducts scheduled exercise classes; teaches groups beginning or advanced calisthenics and gymnastics; teaches and demonstrates use of gymnastic apparatus (such as corrective weights and mechanical exercisers); organizes, instructs and referees games; collects fees and keeps records; performs other duties as assigned.

Desirable Qualifications: Education or background in physical education. File applications for the above with Tina Lowe, Bldg. 34,

Area Clerk, GS-312-4, PD No. CA-010-6802 - This is not Management, Inyokern Resource Area, Ridgecrest, Calif. The incumbent takes and transcribes dictation; types official letters; maintains mail, travel, payroll and procurement functions; is responsible for all administrative duties of the 12-person Inyokern staff; and performs various other clerical duties as assigned. Job Relevant Criteria: Reliability and dependability; ability to get along with others in work group and to type efficiently and take dictation; capability of being bonded; possession of supervisory willingness and ability, if the need arises, to work with people and to work under pressure. Note: This position has promotion potential and hay be upgraded when the need is shown and justified.

File SF-171 application for the above with Dick Harlow Inyokern Area Manager, 800 Truxtun Ave., Rm. 311, Bak ersfield, Calif. 93301



CARRIER GROUP COMMANDER VISITS NWC - As a memento of his recent visit to China Lake, an NWC plaque was presented to Rear Admiral Henry P. Glindeman, Jr., Commander of Carrier Group Seven, by Capt. R. D. Franke, NWC Deputy Commander. RAdm. Glindeman, whose headquarters are at Alameda, Calif., was accompanied here by a staff of more than 20 key personnel. Purpose of the visit was to receive briefings on a variety of on-going weapons development programs at NWC including the Sidewinder AIM-9L and AIM-7F, Condor, Harpoon, Shrike, Seasparrow and HARM (high-speed anti-radiation missile). The visitors also listened to reports on the Center's range facilities and capabilities, as well as on tactical operations and target acquisition. —Photo by Ron Allen

NAF swim pool solar heating system . . .

(Continued from Page 1)

will penetrate it and spread the warmth evenly. At the same time the heat removed and have been removed to make way for the from the concrete surface and absorbed by new solar heating system designed by the asphalt and grid-like system of water Smith. lines imbedded beneath it will help to cool the surface to the point where playing barefooted on it will not be uncomfortable.

This new permanent solar heating system for the NAF swimming pool will make it possible to open the pool earlier for use next year and also enable its use for a longer for desert wildlife in the Amity and Layton period of time each year thereafter.

The former experimental solar heating system at the pool, which made use of rubberized surplus tanks in which the water arrive on Monday, Aug. 23, for a 5-day field to be heated by the sun's rays was first collected and distributed, showed that solar heating was practical for the large NAF

swimming pool. The rubberized tanks were not, however, satisfactory for long-term use

August 13, 1976

While the steelworkers from the advance party of MCB-5 personnel are busy installing the gridwork of water lines at the NAF swimming pool, other members of the 90-man advance party will be occupied with such tasks as improving the watering sites Springs area of the Mojave B range, in addition to preparing a campsite for the remainder of their battalion, which will exercise in the desert.

Other early arrivals from MCB-5 will install a spinkler system at a Special Services Division playing field on S. Knox Rd. Final hookup of water service, which will require extending a water line underneath Knox Rd., will be handled later by NWC Public Works Department employees.

Still other members of MCB-5 will be involved in such Self-Help Program projects as installing the interior ceiling and the wiring for electric lights at the Center's new handball courts.

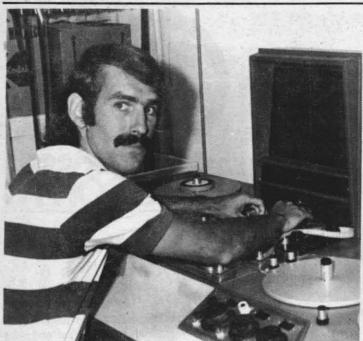
According to Chief W. T. Cava, Self-Help Project Officer assigned to the Public Works Department, the visiting Seabees will be assisting here and there with some small jobs, but one other large job that they also will be handling is the installation of walnut paneling on the walls and acoustical tile for the ceiling of the NAF galley.

Bake sale held by CPO Wives, Navy Wives Club

A profit of \$63.04 was reported by the CPO Wives and the Desert Flower No. 125 Navy Wives Club as the result of a recent bake sale held at the Naval Air Facility and Air Test and Evaluation Squadron Five hangars.

The Navy Wives Club will hold a membership tea on at 7:30 p.m. Thursday, Aug. 26, at the home of Mrs. June Herrmann, wife of the Senior Chaplain. The address is 511 Essex, China Lake.

In other club business, Merlie Dombroski was presented with a going away plaque at the home of Janice Reed. She and her husband, Steve, were transferred to the East coast In addition, the Desert Flowers recently welcomed Sandy Bozony as a new member



mathematican in the Research Department. Nichols' job involves microscope.



ROCKETEER

Harter, two of the current group of summer employees at the Harter is shown above changing a tape on a mini computer in Naval Weapons Center, have such varied assignments as appreparation for plotting graphs. This summer, she also has been prentice filmmaker in the Technical Information Department and writing computer programs, and working with a polarizing

Summer employment program provides students with wide variety of job training experience

One hundred fifty-three persons are learning about their chosen field of study at the Naval Weapons Center through the annual summer employment program.

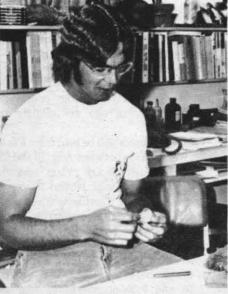
"Last year we hired 192, but because of funds and overhead limitations, we had to take a cut in 38 positions," Sue Prasolowicz, personnel staffing assistant and coordinator of the summer program, said.

Nearly 600 persons applied for NWC summer employment this year.

According to Mrs. Prasolowicz, all summer applicants are chosen according to their scores on the summer Civil Service exam. The Navy will no longer accept employees on the basis of the gradepoint average they've earned while attending

"I think they wanted to give the people a chance just on their own merit," Mrs. Prasolowicz said.

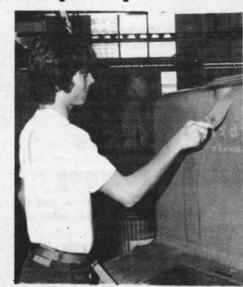
Summer employees are largely college students who have taken the summer



DELICATE WORK - Peter Woodman, a senior at Fresno State U. who is an aide assigned to Tilly Barling in the Natural Resources Management Office, pieces together fragments of a black-tailed jackrabbit skull. This is the second summer he has spent studying NWC range conditions. Only a quarter of his time in the office, his job consists mainly of field work.

employment exam given yearly by the Civil Service Commission. In addition, graduate students and financially disadvantaged persons also are hired as summer em-

The kind of jobs available vary according to requests received from the various departments on the Center. Positions filled by this summer's employees include summer aide, clerk, clerk-typist, editorial clerk, administrative aide, computer aide, engineering aide, physical science aide, mathematics aide, mechanical engineer,



BRUSHING UP - John Murrin is painting machines as part of the general housecleaning that takes place periodically in the Michelson Laboratory machine shop. After his summer employment, he will return to Trona High School in the fall.

physicist, mathematician, electronics engineer, motion picture production specialist, and recreation aide.

The exams are graded in Washington and the scores are sent to the area the applicant indicates on a test form.

Students hired as NWC summer employees came from colleges throughout the world. One summer employee came from as far away as Hebrew University of Jerusalem, Israel.

John Murrin is spending his first summer as a NWC employee painting in the machine

Photos by Terri Jacks

shop of Michelson Lab. He will return to Trona High School this fall and plans to spend the money he earns on a motorcycle. "The nicest people I've ever met work

to do and give me a week to do it." Nanette Harter will return to Cal Poly San Luis Obispo as a junior majoring in math after her summer work. This is her second

here," Murrin said. "They just tell me what

Research Department. "They're really interested in helping me learn," she said. "The people around here are enthusiastic."

summer working as a mathematician in the

As an apprentice film maker, Doug Nichols is gaining experience in cinematography - his field of study at the University of Southern California. Nichols shoots test film and edits film as part of his work as a motion picture specialist with the Technical Information Department.

"This is the first real experience I've had working with 16mm (film)," he said. "In or screen writer. Still photography for magazines would be okay, too."

Another NWC summer employee, Ray Camphausen works at the Commissioned Officers' Mess swimming pool as head lifeguard and manager. He will attend the University of California at San Diego this continuing studies in marine biology.

"I like being guaranteed 40 hours a week," he said.

"We're tight on rules (at the pool) here. People sometimes don't understand that we try to stop accidents before they happen. "We're strict with the kids, but that's

better than picking them off the bottom." Peter Woodman is spending his second summer as an aide in natural resources Armstrong on weekdays at 375-7918 or Ruth management. A senior in biology at Fresno State University, he is assigned to the Public Works Department's Natural Resources Office and has been studying range conditions that support wildlife common to the area.

For a job after graduation, Woodman doesn't feel too confident.

"I'd like to get into the field of biology, but there's not much open. I may take one year after graduation to travel around and find a

The Civil Service Commission sends announcements of summer test dates to college placement offices, federal job information centers, and Civil Service Commission area offices. Individuals interested in applying for a summer job with the Civil Service next year can fill out the proper forms in January or February. Applicants are then notified by mail times and places where the tests will be



SHARP LOOKOUT — A lifeguard last summer, Ray Camphausen has earned the position of head lifeguard and manager of the Commissioned Officers' Mess swimming pool this summer. He supervises other lifeguards and checks the pool maintenance as part of his duties. He will be continuing his studies in biology at UC San Diego this fall.

Auction of surplus governm't property to be held Tuesday

A wide variety of more than 200 items of surplus government property will be up for sale at an auction that is to take place on Tuesday, starting at 9 a.m., at the Community Center.

Prospective bidders must be at least 18 years of age and are required to register at the Community Center by presenting proper identification between 8 and 9 a.m. on the day of the sale.

Bicycles, captain's chairs, bar stools, ice machines, beer tappers, liquor dispensers, pianos, can vending machines, work tables, typewriters, calculators and electronic test equipment are among the items registered bidders will have a chance to purchase at the auction.

All such items can be still be inspected until 2:30 p.m. today; on Monday between the hours of 6:30 and 2:30 p.m., and on Tuesday from 6:30 to 9 a.m. at the Defense Property Disposal Office, which is located in Warehouse 41 on 10th St. at the Naval Weapons Center.

Anyone wishing additional information about the auction and the manner in which it will conducted should call NWC ext. 2502

Happenings around NWC

Local members of the Singing Sands Chapter of Sweet Adelines, Inc., will celebrate their 17th anniversary with an fall to earn a degree in biology before evening of barbershop music on Wednesday at 7 p.m. in the Deeter Tract clubhouse.

Out-of-town guests invited to perform for the occasion are Sweet Adeline choruses from Bakersfield, Bishop, Kernville and Lancaster. Women of all ages who are interested in singing four-part harmony, barbershop style, also are invited to attend.

More information about Sweet Adelines, Inc. may be obtained by phoning Kathy deRoulet, evenings, at 446-5615.

Kids' Matinee Set Aug. 18

A collection of Walt Disney fantasy cartoons entitled "Make Mine Music" is the Youth Center matinee to be shown at the Center theater this coming Wednesday at

Ten popular songs tell the cartoon tales of "The Martins and the Coys," a hillbilly ballad about an Ozark mountain feud: "Casey at the Bat," a baseball big shot's blushing day of defeat," and much more.

Youth Center matinees are open to dependents of active duty and retired military and civilian employees of NWC. The price of admission is 50 cents for Youth Center members and 75 cents for non-

Blue Shield Agent Due

Kris Bergen, the Blue Shield insurance representative, will be at the Community Center on Wednesday, Aug. 25, from 10 a.m. through 2 p.m. Enrollees in this health insurance plan who wish to talk with him will be seen on an appointment-only basis.

Beginning Monday, a sign-up sheet will be at the front desk of the Community Center. Those interested in seeing Bergen must visit the Community Center to sign up, since no appointments will be taken over the

Enlisted Club Slates Dances

Take Five, a popular local rock group, will perform at an Enlisted Club dance tomorrow night from 9 until 2 a.m. Dinner special will be prime rib, served from 6 until 8:30 p.m.

Playing for a Sunday night dance from 8 until midnight will be Jimmy Dee, a country-western recording artist from Nashville, Tenn.

Package Store Closed Sat.

Effective on Saturday, Aug. 21, the Consolidated Package Store will be closed on Saturdays, due to insufficient patronage.



INVENTORS' EFFORTS RECOGNIZED—During a recent ceremony held in the office of D. J. Russell (at left), head of NWC's Electronic Warfare Department, patent awards were presented by Russell to five of the employees in his department. The recipients were (from left) Joseph A. Mosko, Richard V. Schultz, Robert G. Corzine, Henry T. Weisbrich and Reuben E. Nyswander. Corzine, who is head of the RF Development Division, Mosko and Shultz shared an additional patent award for their development of "Variable Growth Rate Spiral Antennas." Weisbrich received a patent entitled "Passive Ranging Techniques," and an initial patent award was presented to Nyswander for his "Short Pulse Solid State-Magnetic Modulator for Magnetron Transmitter."