INSIDE . . .

Committee Formed To Select Monthly, **Yearly NWC Athletes**

A committee of sportsminded and otherwise knowledgeable people to choose athletes of the month and year, and to make recommendations for people to be inducted into the local "Hall of Fame," was established recently by John Shoaf, head of Special Services, and Wilt Wyman, NWC's supervisor of athletics.

The first meeting of the group was held on Aug. 1 in the Community Center. Present were Thad Brightwell, representing bowling; Max Smith, a golfer and head of the IWV Softball Association; Dick Hughes, a track aficionado; Jim Brown, all around athlete, and athlete of the year for 1973; Nancy Webster, a femme golfer; Bob Hooper, athlete of the year for 1972; Nick De Bonis, sports editor of The Daily Independent; Dean Ray, manager of the Hall Memorial bowling lanes; Jerry Kissick, volleyball leader and basketball player; Ruth O'Neil, tennis ace: Marla McBride: athlete of the year for 1973, Shoaf, Wyman, and Jack Lindsey, sports editor of The ROCKETEER.

During the meeting, guidelines were established for the selections and criteria for each nomination were set. Following that, Billy Brown and Nancy Webster were selected as Athletes of the Month for July.

It is the intention of the group to consider all sports for the various awards, and each athlete strictly on his or her own merits for the award being considered. This would include mountain climbers, skiers, etc. In line with that, five others will be invited to join the committee. They are Dr. Rick Roberts, an outstanding handball player; Gordy Irwin, basketball whiz; Roy Miller, and Billy De Haas, top skiers, and Bill Stronge, mountain climber.

The group will meet on the first Thursday



"COMPANY" TOGETHERNESS — In high spirits as they await tonight's opening of the CLOTA production, "Company," members of the cast and crew display their silk-screened T-shirts advertising the show. Kneeling in front (I. to r.) are Dori Morrione (who has the role of Kathy), Nancy Miller (Susan), Stacy MacGregor (Bobby), Elena Vitale (Sarah), and Linda Webb (April). Standing are Jim Fussner (set designer), Loren Dorrell (Peter), Marjorie Freis (Marta), Suzanne Koerschner (Joanne), Mike Walker (Paul), Camille Menz (set dresser), and Claudia Olson (Amy). A sprightly adult musical comedy, "Company" will be presented at the Burroughs High School Lecture Center at 8:15 tonight, tomorrow evening as well as on next Thursday, Friday, and Saturday evenings, Aug. 15, 16, and 17. Tickets at \$2.50 for adults and \$1.25 for students, may be purchased at the door just before curtain time, from the Station Pharmacy or at the Gift Mart in

HAPPENINGS AROUND NWC

Got a special date you want to impress? Or celebrating a birthday, anniversary, or

Why not do it with a spaghetti dinner and a free glass of wine at the Club Chaparral

Walt Schimke, manager of the club, has

restaurant tonight, which serves meals from 6 until 8:30. After dinner, the "Cobra" will be playing

an over-stocked wine cellar and he's ex-

tending this offer to patrons of the

dance music from 9:30 until 2 a.m. at the

All together, it sounds like a memorable evening. Give it a try.

Dance Set at COM

The Golden State Music Co. will provide music to dance to tonight at the Commissioned Officers' Mess, beginning at 9 o'clock. Steak tarter, prepared table-side, is the specialty in the dining room tonight.

Drake Dierkhising, manager of the club, invites all members and their guests to partake of this special dinner fare and stay for the dance.

In addition, Dierkhising informed The ROCKETEER that the beer tasting night, set for Wednesday, Aug. 14, has been postponed for one week.

"We will have the beer tasting night on Aug. 21," he informed the newspaper.

Child Care Help Offered

The Employee Services Board Child Care Center, located at the corner of N. Lauritsen Rd. and Nimitz Ave., is currently taking beginning this fall.

The Child Care Center offers a pre-school program, music, stories and creative activities for the children of working parents. Polly Walsh, director for the center, would like to remind parents that the center also provides care for children on a drop-in

basis, but by reservations only. For more information, contact Mrs. Walsh by calling 446-2961.

CPO Club Luau Aug. 17

Members of the Chief Petty Officers' Club still have time to purchase tickets for the annual luau, set for Saturday, Aug. 17. According to George Barnard, manager of

the club, tickets are going fast and those

who plan to attend should act soon. Auntie Becky and her South Sea Islander group will provide the entertainment. The jolly Islander is famous at China Lake for her antics and never fails to please the

Admission is \$7.50 per person and reservations for tickets may be made by calling NWC Ext. 3633 or 3634.

August 9, 1974

The objective of the ratings is to nform 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. Matinee-1 p.m.

"RETURN OF SABATA" (106 Min.)

Lee Van Cleef, Reimer Schone (Western) In Hobsonville, Tex., Sabata, a gunslinger and former Confederate officer, runs into a fellow soldier who owes him \$5,000. While waiting to recoup his debt, he uncovers a plot by the greedy mayor and a scheming Irishman to swindle the townspeople by imposing a heavy sales tax. (PG)

-FAMILY MATINEE-"WHICH WAY TO THE FRONT" (102 Min.) Jerry Lewis, Jan Murray

-EVENING-"JEREMIAH JOHNSON" (108 Min.)

Robert Redford, Charles Tyner (Drama) Adventures of a neophyte mountain man who breaks an ancient Indian taboo and has to defend himself from the consequences. (PG)

"MISTRESS PAMELA" (92 Min.)

Julian Barnes, Dudley Foster

(Romantic Farce)' Frederic Abbott and daughter, Pamela, 14 (Ann Michelle), arrive at Devenish Hall, in the English countryside, where she will become a kitchen maid. Lord Julian Barnes tells butler Dudley Foster the girl would be best suited as maidservant for his mother. Five years later. Barnes returns to attend his mother's funeral, is struck with Pamela's beauty, unsuccessfully tries to seduce her, much to consternation of housekeeper Ann Quayle, who has become romantically attached to the girl herself. Chagrined, Barnes decides to take her back to Abbott; en route, another seduction try is th warted. Barnes finally realizes he must break class barriers and decides to marry her officially.

"ASSASSIN" (106 Min.) Ian Hendry, Edward Judd (Drama) The story traces the parallel world of

the assassin and the target. (no rating available) 15-16 Aug

"CABARET" (124 Min.) Liza Minnelli, Joel Grev

(Musical) The rising tide of Nazism is ridiculed in a cabaret in the Berlin of 1931, in which the lives of an American girl, a British scholar, a Jewish girl, a German baron and a student become en-

YOUTH MATINEES

Next Tuesday, Jerry Lewis and Donna Butterworth will star in a laff-riot, "Family Jewels," at the Youth Center matinee in the Center Theater.

Show time is 1 p.m. Admission is free to all paid-up annual members of the Youth Center. All others must pay 30 cents.

On Thursday, Aug. 15, the final showing of the summer movies by the Youth Center will take place. Scheduled is "The Computer Wore Tennis Shoes," a film by Walt Disney starring Kirk Russell, Cesar Romero and Joe Flynn.

The film, which runs 91 min. long, starts at 1 p.m.

From:	PLACE
AN GO THEOLOGY OF THE	STAME
	HERE
production of special scale	n in the
To:	an ingle is plin two
The Real Property lies and the	THE PARTY OF THE P

nwc rocketeer

determinations have been made on the

changes in these determinations as more

information and guidance is provided by the

Spokesmen for the Personnel Depart-

ment stress, however, that firm directives

in this entire area are still in the develop-

mental stage, and what has been stated

available at this time. There may be

On the subject of compensatory time, a

Civil Service Commission letter previously

stated that while this area is still under

study, compensatory time will probably not

be allowed for employees who are covered

by the FLSA. Now it appears, however, that

compensatory time will be allowed for

employees covered by the Act if they submit

during the same week that it is earned.

a request in writing and the time is taken off

At this point, since the NWC payroll ac-

counting system is not set up to deal with

compensatory time earned and taken in the

same week-until this problem is worked

out-compensatory time should not be used

instead of overtime for those employees

exactly the same way as in the past.

covered by the FLSA.

represents only the best information

significant changes, it was noted.

Civil Service Commission.

Vol. XXIX, No. 31

Beware of Discarded Ordnance 3 Military Campgrounds Available.....4 Blind Vet Gets Guide Dog5

Added Details Given on Effect Of Fair Labor Standards Act

Additional details are now available technician positions, each have been looked pertaining to the effect of a recent amend- at individually and, depending on the nature ment that, for the first time, brings Federal of the work and the degree of discretion and employees under the provisions of the Fair independent judgment exercised, separate Labor Standards Act (FLSA).

Now, Civil Service employees covered by matter of whether or not they are covered the FLSA are entitled to pay for overtime by the FLSA or are exempt. worked, whether it was requested and/or Eventually, all NWC personnel will be approved or not, if the supervisor knew (or notified if they are covered by the FLSA or had reason to believe) it was being per- are exempt, but there may very well be formed.

Examples Cited

Examples of how the provisions apply might be the stenographer who comes into the office before normal work hours to type; the multilith operator who continues to operate his machine through the lunch hour while eating lunch, or the typist who stays behind at the end of the day to type an important letter.

Among the positions covered by the FLSA are clerks, all non-supervisory wage grade jobs, and positions below the GS-9 level regardless of occupational category.

Locally, based on guidance from the Civil Service Commission and the Navy, the NWC Personnel Department is considering all technicians at the GS-11 level and above to be exempt from the FLSA, while all those below the GS-9 level are considered to be

In the case of the GS-9 and GS-10 level

Senior Enlisted Advisor To Be **Selected Soon**

A screening committee composed of senior officers and headed by the Deputy Commander, Naval Weapons Center, is currently in the process of screening for a Senior Enlisted Advisor (SEA) to be selected by and who will have direct personal contact with Rear Admiral R. G. Freeman III, the NWC Commander.

The SEA will assist and advise RAdm. Freeman in matters pertinent to the welfare and morale of enlisted personnel assigned to duty at China Lake, and their dependents.

This step is being taken to stimulate and enhance communications at all levels of Command and to prompt even keener sensitivity to enlisted men's and women's needs and points of view.

Precedent for this action is spelled out in a BUPERS Instruction that cites this as an extremely effective vehicle by which ideas and recommendations may be transmitted through open and active lines between enlisted personnel and Command.

In the Running

The Naval Weapons Center's Senior Enlisted Advisor is to be chosen from among senior chief petty officers (E-8) and master chief petty officers (E-9) attached to the Naval Weapons Center or the Naval Air Facility

The SEA can also be the spokesman for enlisted personnel assigned to activities over which NWC exercises area coordination, and will act when required as the enlisted representative for the Command in local community and civic functions.

In order to obtain the input he needs to carry out his responsibilities, the SEA will meet informally with enlisted men at their work sites to exchange ideas and disseminate information which affects

(Continued on Page 3)



OUTSTANDING ACHIEVEMENT - Rear Admiral R. G. Freeman III, NWC Commander, was in Washington, D.C., Wednesday to accept the 1974 SecNav Environmental Protection Award for Naval R&D Laboratories from the Honorable J. William Middendorf II, Secretary of the Navy (at right). Also flashing a happy smile is Capt, W. H. Sturman, head of the NWC Public Works Department. Looking on in background are Major General R. D. Bohn (at left), Commanding General of the Marine Corps Base at Camp Lejeune, N.C., which took top honors for outstanding environmental protection accomplished by a Marine Corps Activity, and the Honorable Russell Peterson, chairman of the President's Council on Environmental Quality. A special flag that accompanied the trophy will be raised during a ceremony planned at 9:30 a.m. Monday in front of the NWC Administration Building. All interested persons are invited to be on

No-Voltage Meter Is Safeguard **Against Premature Explosions**

Employees exempt from the FLSA will NWC ranges have triggered premature continue to be paid for overtime work in explosions by hooking up firing lines that contained AC or DC voltage still within

Several times in the past, personnel on the

NEW MEASURE OF SAFETY — Roy Johanboeke (I.), head of the Ballistics Test Branch in the Propulsion Development Department's Quality Assurance Division, and Robert Meade, an employee of that branch, display a no-voltage meter, developed recently by Meade. This simple test set can be used to determine whether there is electric power, either AC or DC, running through a firing line prior to its hook up to a charge. -Photo by PH2 D. W. Yeatts

As a result of this, a NAVWPNSCEN Instruction (No. 5100.6B) was written to specify that an "approved voltmeter" be used to check firing lines before connections are made to ordnance items.

Unfortunately, no such meter existed. Range ordnancemen were using their own jury-rigged devices, or a combination of other devices that enabled them to make a cursory check of the firing lines.

Earlier this year, an ad-hoc committee was formed to meet and discuss the development of such a meter. Members of the committee are R. D. Rasmussen, Code 3723; M. R. Osburn, Code 4504; R. B. Johanboeke and R. C. Meade, Code 4531; G. A. Greene, Code 4541; J. D. DeSanto, Code 5581; K. S. Skaar, head of the Safety Department; P. A. Donaldson and G. C. Pritchard, of Code 222.

A criteria for the proposed meter, to be called a no-voltage meter, was established. The meter should be portable, electrically sensitive, and should respond to very low voltages and still not be damaged by higher level voltage. It should respond to both AC and DC voltages.

Other Requirements

In addition, the meter should be relatively inexpensive, rugged, dependable, and contain a self-checking feature. It should also be built so that any mechanical failure within the meter itself could not accidentally discharge any voltage. And, it should be operable by any layman.

The task of developing such a meter was undertaken by Robert Meade, a member of the ad-hoc committee, and an employee of the Ballistics Test Branch of the Propulsion Development Department's Quality Assurance Division.

After some experimentation, Meade came (Continued on Page 4)

interested in attending this affair, which is being co-sponsored by the Ridgecrest Police Department and Army Recruiting Office in Ridgecrest, Michael Edwards (not shown), one of the combo's original members, directs the group. Other members of the "Pacific Northwest Express," who have played at more than 200 high schools and colleges, are Willie Devone, the lead singer and man on the keyboard; Andrew Johnson and Donald Mack, guitarists; Michael Shelon and Condry Robbine, working the brass section, and Edward (Chaco) Manana, who keeps the beat going on the drums.

THE EXPRESS IS COMING — A rock music combo from the 9th Infantry Division at Ft. Lewis, Wash., will be at the Desert Empire Fairgrounds' Joshua Hall tonight to play for a dance from 8 o'clock until midnight. The group, known as the "Pacific Northwest Express," will perform free of charge for dance enthusiasts of all ages

MULTIPLE AWARD RECIPIENT — During a recent award ceremony held by the Public Works Department, George Perrige, a machinist (maintenance) in the Metal Trades Branch, was the recipient of five Beneficial Suggestion awards that were presented to him by Capt. W. H. Sturman, his department head. The cash gifts ranged from two \$25 awards to one for \$80. Perrige's ideas for better ways of doing things that resulted in a savings to the government were for such varied suggestions as installing pressure control switches on the NAF boiler plant deluge pumps to adding another water fill line at the Randsburg Wash Test Area. Other ideas that were worth cash to Perrige were those pertaining to the installation of lightweight lids on acid pits near the Solid State Building, and installing shut-off valves that will permit the greenskeeper at the golf course to shut off valves while leaving the water pumps operable. Other Public Works Department employees (not pictured) who received Beneficial Suggestion awards during this same ceremony, and the amount of their cash gifts, were: Joseph Todd, \$200, for devising a pressure switch for water line altitude valves, and Alfred C. Craver, \$40, for suggesting that guards be installed to prevent the shorting out of unsafe buss bars in the basement of the plating shop. Craver received a second Benny Sugg award of \$30 for coming up with the idea to install a small ampmeter on the panel of the air filter in the operating room of the NWC Dispensary to indicate when the -Photo by PH2 D. W. Yeatts filter is operating.

Film To Be Shown Monday Night at Chapel

abandons traditional story lines to involve brief appearances by Billy Graham, to Job Relevant Criteria: Requires some skill, training or the viewer in the life-experiences of real people, will be shown on Sunday at 6 p.m. at the Church of the Nazarene, 571 N. Norma St., and on Monday at 7 p.m. in the East Wing of the All Faith Chapel.

The film uses a varying number of images on the same screen to create a multi-media effect that draws the viewer into the picture. By shifting the viewer's attention from the

"Isn't It Good To Know," a film that true stories of the people who lived them, to video-vignettes, the film creates the ultimate drama — the drama of change.

> Purpose comes out of emptiness, silence becomes communication, and, the film points out, from the disillusionment of drugs, violent protest and witchcraft, there comes a new beginning - new life.

All interested persons are invited to at-

The Rocketeer

Naval Weapons Center China Lake, California

RAdm. Rowland G. Freeman, III

Technical Director



Editor Associate Editor

Nancy Jones Editorial Assistan

PH2 D. W. Yeatts, Ron Aller Staff Photographers

Tuesday, 4:30 p.m.

. 3354, 3355, 2347 Sunday

News Stories

Phones

Tuesday, 11:30 a.m. Photographs 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 January 1974. Office at Nimitz and Lauritsen Information published in the Rocketeer does no necessarily reflect the official views of the Department of

DIVINE SERVICES

PROTESTANT Sunday Worship Service Wednesday Noon Bible Study Sunday School Classes are held in Chapel Annexes 1, 2, 4 Communion Service first Sunday of the month

ROMAN CATHOLIC

1700 fulfills Sunday obligation Sunday

BLESSED SACRAMENT CHAPEL

Daily except Saturday 1135 1635 CONFESSIONS 1545 to 1645 Sunday 0800 to 0825 CCD CLASSES Kindergarten thru 6th grades Seventh and 8th grades Above classes are held in Chapel Annexes across from Ninth thru 12th grades As announced "In Home" Discussion Groups Monthly Youth Railies

Contact Chaplain's Office for specifics. JEWISH SERVICES EAST WING - ALL FAITH CHAPEL Friday 1st and 3rd ONLY - (Sept. - May.) Sabbath Services

Services - (Sept.-May.)

UNITARIANS CHAPEL ANNEX 95

ROCKETEER

Unless otherwise specified in the ad, application for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring mployment 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 ollowing their appearance in this column, unless later date is specified in the ad. Employees whose vork history has not been brought up to date within the last six months are encouraged to file a Form 17 or 172 in their personnel jacket. Information conerning the Merit Promotion Program and the evaluation methods used in these promotional op portunities may be obtained from your Personne 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

Instrument Mechanic (Mechanical), WG-3305-11, JD No 277-1, Code 70417 - Repairs, overhauls, maintains, tests and calibrates various boiler plant mechanical instruments such as recording and metering devices, burner control systems and safety devices on all types of boilers ranging in size up to 25,000 lbs/hr; both automatic and semi-automatic, oil fired and gas fired, water tube and fire tube boilers in five large central boiler plants and 47 small individual plants. Minimum Qualification Requirem Rating will be on the basis of the appropriate J-Element Standard in accordance with X-118C.

qualified. The Naval Weapons Center is an equa-

opportunity employer and selection shall be made

Mechanical Engineering Technician, GS-802-7 or 11, PD No. 7470023, Code 7034 - Incumbent is assigned work covering alterations and improvements, construction, replacement, maintenance and repair concerned with the engineering aspects of air conditioning, ventilation, steam distribution, low and high pressure gas installations (air, nitrogen, hydrogen, oxygen, etc.) and interior plumbing for industrial systems Minimum Qualification Requirements: As defined in X-118. Job Relevant Criteria: Ability to conduct engineering studies for facilities construction or alterations. Ability to independently or as a member of a project team submit a completed design

File applications for above with Dora Childers, Code 657, Rm. 210, Ph. 2032.

Laborer (Heavy), WG-35002-03, JD No. 155-1, Code 5542 -Application will be accepted from current NWC career or career-conditional employees only. Position is located in Mechanical Division, Mechanical Design Branch. Incumbent performs manual labor involving heavy exertion or some skill. Many tasks are performed individually and worker is held responsible for the results achieved. Much of the work involved is heavy and dirty and may be performed in all kinds of weather and temperature ranges. experience, or a familiarity with craft terminology and equipment. Must be able to use all simple hand tools as assigned. Good physical condition and capacity to perform ordnance work. Minimum Qualification Requirements: As defined in CSC Handbook X-118C.

General Engineer, GS-801-11 or 12, PD No. 7455111, Code 5581 - Applications will be accepted from current NWC career or career-conditional employees only. The position is that of Design Review Committee Technical Secretary and is located in the Product Assurance Division, Production Support Branch. Incumbent is responsible for briefing project personnel on Center management on the DRC policy procedures, establishing the DRC meeting, reviewing the status of a given design, preparing a final report on the DRC recommendations and follow up on the action items. Job Relevant Criteria: A bachelor of physics, experience in design and development, experience in management / supervision of programs and personnel Minimum Qualification Requirements: As defined in CSC

Instrument Maker (General), WG-3382-14, JD No. 115-3, Code 55474 - Applications will be accepted from current position is located in the shop of the Engineering Department. Incumbent is assigned to developmental teams in Center technical departments for fabrication and participation in the development of instruments for use in guided missile test and evaluation. Instruments are normally one-of-a-kind non-standard type of such nature as electro-mechanical, optical-mechanical and electrooptical mechanical. Job Relevant Criteria: Ability to perform the work without more than normal supervision. assemble and test. Ability to interpret blueprints, specifications and technical data. Dexterity and safety. Knowledge of machine theory and related mathematics. Minimum Qualification Requirements: As defined in CSC

File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Physical Science Technician, GS-1311-3 or 4, PD No. 7453033, Code 5352 — This trainee position is located in the Technical Support Section, Motion Picture Laboratory. The incumbent compounds chemical solutions used daily for black/white and color processing. He/she participates in the sensitometric and chemical control of the photographic processes. The incumbent also maintains supplies for the division. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: General knowledge of chemical mix techniques and laboratory procedures. Ability to make precise measurements and work in detail. Ability to follow instructions. Promotion Potential: To the GS-5 level.

File applications for the above with Pat Gaunt, Bldg. 34, Voucher Examiner, GS-540-4 or 5, PD No.

7325021 / 7325022, Code 2575 - This position is in the Ac counts Payable Branch, Control Division, Supply Department. Incumbent examines supporting documents which are the basis for preparation and processing for payment of all types of orders including vouchers. Insures legality, completeness, correct appropriation and accounting data and makes verification of receipt and in spection on vouchers. Initiates correspondence to various DoD activities, vendors and plant representatives. Deals with a wide variety of documents, vendors and Center personnel. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of supply procedures. Knowledge of contracts,

PROMOTIONAL OPPORTUNITIES purchase orders, delivery orders, blanket purchas

agreements and dealers' invoices. Ability to deal effectively with people. Engineering Technician, GS-802-7/8/9 or 10, PD No.

7350044, Code 3351 — This position is located in the Product Engineering and Fleet Support Branch, Electromechanical Division, Fuze Department. The position encompasses the technician aspects of electrical and mechanical engineering as applied to the development of fuzing for explosive ordnance. He makes sketches or drawings of parts or sub-assemblies of electromechanical devices of suitable quality, completeness and accuracy for table to production processes. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Experience in complex mechanism design, development and experimentation. Must be thoroughly familiar with production processes and machinery associated with the fabrication of developmental models and end-item production. Experience and skill in precision measurement techniques. Ability to inspect electromechanical parts and assemblies desirable Knowledge of basic mechanical, electrical and general engineering theory and practices. General / Mechanical Engineer, GS-801 / 803-7 / 9 / 11 or

2, PD No. 7433063, Code 3351 - This position is in the Electromechanical Division of the Fuze Department. This position is involved in the development, test and application of electromechanical components of guided missiles with emphasis on safety and arming devices, and electromechanical fuze systems including explosive ordnance components. Plans and participates in laboratory and field tests for electromechanical components; evaluates contractor proposals and provides technical direction to contractors. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Knowledge of ordnance explosive systems and their initiation mechanics. Familiar with production line techniques and production of mechanical and electrical assemblies.

Purchasing Agent, GS-1105-4/5/6 or 7, PD No. 7025017, Code 2522 — This position is located in the Purchase Branch, Procurement Division of the Supply Department Incumbent is responsible for a wide range of purchases of standard commercial items and services as well as some technical items. Quotations or offers are generally solicited by telephone. Incumbent is responsible to assure that the contract files contain adequate documentation to justify his purchase actions. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be knowledgeable in all small purchase methods and the basic techniques of formal contracting. Ability to deal with a wide variety of persons establishing and maintaining good relationship lications for the above with Claire Lewis, Bldg

34, Rm. 212, Ph. 2371. Communications Clerk, GS-394-3 / 4, PD No. 7385009, Code 8544 — This position is located in the Communication and Electronics Maintenance Division, Code 854, of the Command Administration Department. Incumben reviews requests from the departments on the Center for telephone changes and recommends the systems which will provide the best service; reviews Center long distance charge bills. Collects and compiles data for various reports (Continued on Page 7)

New Air Operations Officer Reports To NAF From Kingsville

Cdr. James W. Ehl has reported aboard the Center recently to assume the duties of Air Operations Officer at the Naval Air

A 21 year veteran of the U.S. Navy, Cdr. Ehl comes to China Lake from the Naval Air



Cdr. James W. Ehl

Station, Kingsville, Tex., where he also served as the Air Operations Officer.

A native of Gladewater, Tex., he studied at Texas University, in Austin, before joining the Navy. He was commissioned through the Naval Cadet program and received his wings at Corpus Christi, Tex.

Cdr. Ehl and his wife, June, have three children. They are Mark 15, Trina 14, and Karl 6. He lists his principal hobby as horseback riding, but he also enjoys playing golf, camping, fishing and photography.



FUZE DEPARTMENT AWARDS — James Wills, Richard Higuera and Eldon Williamson (I.-r.), were each presented with 20-year Federal length of service pins at a recent awards ceremony by Bob Hillyer (r.), head of the Fuze Department. Howard Forrester (2nd from right), was the recipient of a \$930 award for a Beneficial Suggestion entitled "Requalification of Shrike Mk 3 Mod 0 Fuze Electronics Assemblies for Use in the Mk 3 Mod 1 Applications." This is one of the highest Benny Sugg awards ever given at NWC. James Bennison (not present for the photo), also received a Beneficial Suggestion award. His Benny Sugg was titled "Modified Grounding Clamp."

PROMOTIONAL OPPORTUNITIES

Bartender, NA 7441-3 (\$2.35 ph), PD No. 74CPO 118, Code

8522 - This is not a Civil Service job. Incumbent mixes

alcoholic / non-alcoholic drinks to order; delivers drinks,

receiving payment or appropriate charge to members

credit card. May be required to serve catered parties.

stock service bar, prepare garnishes, wash glasses and

other bar equipment. Above duties are performed under

close supervision of regular bartender or the bar manager

Job Relevant Criteria: (This is a training position.) Must

change. Must be able to follow instructions and deal ef

fectively with people; experience in preparing alcoholi

interfering with one another, enforces rules governing

dress, conduct and equipment of participants; issues

athletic equipment or supplies such as soap and towels;

and performs cleaning tasks. Job Relevant Criteria:

deal effectively with people and ability to communicate

Pest Control Contract

A new pest control contract for the Center

has been awarded to the John Edwards Pest

Control Co., according to Frank McElfish,

Persons who desire this service should

call between 7:30 a.m. and 12:30 p.m. for

same day service. Calls received after 12:30

p.m. will be scheduled the following work

The telephone number of the company is

446-6209. McElfish's number is NWC ext.

2227. He may be called if there are any

questions regarding this service.

effectively both orally and in writing.

NWC pest control officer.

ledge of recreation sports and facilities; ability to

used locally and reports submitted to the 11th Naval District and other Naval Commands, Maintains records of connects, disconnects and changes. Answers trouble calls and forwards to Public Works Department for action,

(Continued from Page 2)

operates a PABX (Private Automatic Branch Exchange Switchboard), miscellaneous duties as required. Job Relevant Criteria: Ability to communicate effectively (verbally and in writing), knowledge of telephone terminology, equipment and procedures, ability to operate a PABX switchboard, ability to work independently and ability to type (this position does not require the proficiency of a fully qualified typist.).

File applications for the above with Tina Lowe, Ph. 2723, Information Receptionist (Typing), GS-304-3 or 4, PD No. 7400010, Code 001 — This position is the receptionist for the echnical Presentations Coordinator, Incumbent will greet

official visitors from off-Center as they enter Michelson Lab, schedule conference rooms, notify sponsors that their visitors are in the lobby of Michelson Lab and perform general typing duties. Minimum Qualification Requirements: As defined in CSC X-118. Job Relevant Relevant Criteria: Ability to perform receptionist duties both in person and on the phone. Ability to type efficiently and accurately.

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

Clerk-Typist, GS-322-2 or 3, PD No. 7495000, Code 95 -This position is located in the Office of the Patent Counsel Duties include typing material of a legal and technical nature, processing invention disclosures and reviewing for proper signatures and completness of related attachments. Maintains patent case files and administrative files and serves as timekeeper for Code. Minimum Qualification Requirements: As defined in CSC X-118. Job Relevant Criteria: Must be accurate typist; ability to effectively deal with office visitors; demonstrated telephone reception skills. Advancement Potential: GS-4.

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

Accounts Maintenance Clerk, GS-520-3 / 4 or 5, PD No. 7117002, Code 1764 - This position is located in the Payroll Branch of Central Staff. The incumbent will work to ensure the accuracy of the Center's payroll process by identifying, researching and correcting payroll errors such as bad labor charges, payroll audit errors, etc. Once corrected, the incumbent will also prepare payroll reports based on this data. Job Relevant Criteria: Reliability and dependability. Ability to meet deadlines under pressure. bility to get along with others in a work group. Minimum Qualification Requirements: As defined in CSC Handbook

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

Exam Announcements Automotive Mechanic, Foreman, WS-5823-10, Code 70 -The Naval Weapons Center announces a competitive promotional examination for subject position to open Aug. 12 and close Aug. 26. Qualifying trades: Automotive Mechanic, Qualifying requirements according to Handbook X-118C. Job Relevant Criteria: Ability to supervise, echnical practices, ability to interpret instructions, specifications, etc.; knowledge of materials, knowledge of pertinent tools and equipment.

File SF-172 and supplemental wage grade supervisory information sheet with Code 652, Rm. 100, Personnel

Job Opportunities

Recreation Aid, PS 0189-3 (\$2.39 ph-\$2.79 ph), PD No. 74SS 110, Code 855 - This is not a Civil Service job (per manent part-time position). This lifeguard job is located at the swimming pools (indoor-outdoor), Special Services Division, Command Administration Department, NWC. Incumbent monitors activities and maintains order in pool area to prevent accidents; inspects facility for cleanliness; may assist a water safety instructor in swim classes; and performs other duties as assigned. Job Relevant Criteria: Senior Lifesaving Certificate required. Food Service Worker, NA 7408-4 (\$2.58-\$3.01), PD 74COM

111, Code 8521 - This is not a Civil Service job. Prepares all kinds of foods which require only a short time to prepare such as steak sandwiches, pizzas, hamburgers, etc. May occasionally assitst chef in main galley to prepare and cook such foods as roasts, sauces, soups and vegetables. Cleans all work areas, equipment and utensils before leaving galley at night. Job Relevant Criteria: Ability to understand oral and written instruction; ability to work safely; ability to do simple arithmetic; knowledge of food service equipment; knowledge of the characteristics of várious foods prepared; ability to decide when food is cooked or done without overcooking; ability to season food according to set procedure and ability to lift 20 lb.

Employee In The Spotlight Danny C. Jones, a visual information

specialist in the Special Design Section of the Illustrations and Design Branch, Graphic Arts Division of TID, isn't really wishy-washy, his transcript merely looks that way. During his early junior college days at

ROCKETEER

Bakersfield College, he majored in mathematics. Then, when continuing his education at the Desert Campus of Bakersfield College, he switched to art. Finally, his work at Cal State, Bakersfield, on-Center, was geared toward business administration with a minor in history.

But, as his job title denotes, Danny Jones is really an artist, and a good one. "I think I started drawing as soon as I could pick up a pen," he drawled. Danny, who was born in Knox City, Tex., can remember painting and drawing while in elementary school and in high school. His family moved to Bakersfield when Danny was 16 years old, and he was graduated from South High

"I won a lot of contests and things while I was in high school, but when I went into the U.S. Navy following my graduation I wanted to be a corpsman," Danny recalled.

Navy Made an Offer

The Navy wanted to send Danny to school to study medical art, but that meant signing have ability to do simple arithmetic and make proper on for two more years, and Danny was interested in a different kind of education.

Recreation Aid, PS 0189-2 (\$2.19 ph-\$2.55 ph), PD No. He enrolled at Bakersfield College to 74SS 112, Code 855 — This is not a Civil Service job. (perstudy mathematics, and supported himself manent part-time gymnasium attendant). This position is and his wife, Nancy, by working as an located at the Gymnasium, Special Services Division, Naval Weapons Center, China Lake. Incumbent schedules emergency room technician at Mercy and makes reservations for use of recreation facilities such Hospital in Bakersfield. as the gym, handball and tennis courts; settles disputes between groups of individual players to prevent them from

"I drove an ambulance for a while also," Danny said. Education was put aside for a while as the couple was expecting their first child. Danny took employment with Genge Industries, in Ridgecrest, in August 1967. He was an illustrator trainee.

After a year, Danny joined the work force at NWC. He came to the Special Design Section, then under Tony Baby, who is now head of graphics for the National Air and Space Museum, Smithsonian Institute, Washington, D.C.

Received AA Degree

In the meantime, he went back to school and received an associate in arts degree from the Desert Division of Bakersfield College in June 1970.

In August 1971, he switched to the Presentations Division of TID to work under Dick Johnsen, who is now head of the Graphics Art Division. "I designed

NEWLY PROMOTED — Thomas G. Hudgins is being presented his new set of bars

by Capt. E. M. Crow, Commanding Officer of Air Test and Evaluation Squadron

Five, upon his recent promotion to the rank of lieutenant. Lt. Hudgins began his

Navy career in the enlisted ranks as an aviation electrician's mate, and was

commissioned in June 1970. A 14-year veteran, Lt. Hudgins reported to VX-5 in

July 1973 from Helicopter Combat Support Squadron Three at the NAS, North

Island. He is serving as the VX-5 Aircraft Division Officer.



Danny C. Jones

presentations, multi-media shows, and performed general art work," Danny said. "It was a great group to work with and I learned quite a bit," he added.

In late 1973 he rejoined the Special Design Section, where he now works. Still pursuing his education, Danny went back to school, this time attending classes offered by the Cal State, Bakersfield, on-Center program. In June of this year, he received his bachelor's degree.

For nearly three years, he taught art courses at the Desert Campus (now Cerro Coso College), and is thinking seriously about returning to teaching evening cour-

Art Work Acclaimed

His art work has been highly acclaimed. Since coming to work for NWC, Danny has won 12 major art contests, including first prize at the recently conducted Society for Technical Communication international art show, and another first prize in a national contest conducted by the Industrial Art Methods magazine.

In addition, he has won a number of first place awards at regional art shows, including the Kern County Art Festival's professional division with a pen and ink drawing two years ago.

He and Nancy have two children. They are Shawn 8, and Shaye 6. The Jones family enjoys water skiing as a principal hobby. "We especially like skiing on the Colorado River," Danny says. "Going to school (he's now after a master's degree) should take up most of my time in the future," Danny

Local Drama Group Schedules Tryouts For 'Virginia Woolf'

Tryouts for "Who's Afraid of Virginia Woolf?" will be held at the Davis Hangar, corner of Upjohn Rd. and China Lake Blvd., on Monday and Tuesday, beginning at 7:30

The play, to be directed by Elena Vitale, consists of four characters. They are Martha, 52, looking somewhat younger. She is the daughter of the president of a college. In her mind, she has married a disappointment.

Her husband, George, is 46, and shrewd. He realizes that he can never compare to Martha's impression of her father, but he is very intelligent and thus, quite calculating.

Honey is plain, frail girl of 26, very weak of character and is never really tuned in to what is happening around her. Her husband, Nick, 30, is good looking and well put together. He is the stabilizing factor in the

All interested persons are invited to take part in the tryouts.

NWC Co-Athletes of Month Chosen



NWC Slo-Pitch Team Quickly Eliminated In MDISL Tourney

The Slo-Pitch team from the Naval tournament, held last week at Nellis Air Force Base, near Las Vegas, Nev.

The team, led by manager Harper Thorpe, lost its opening game, 9-7, to Norton AFB, then was defeated, 6-5, by Nellis AFB, eventual winners of the tournament.

The Nellis team won the crown the hard way, after losing 12-11 to Norton in its opening game. The Nevada squad then bounced back on the final day to defeat Norton, 13-10 and 8-6, to win the crown.

The victory by Nellis prevented Norton AFB, the MDISL over-all leader, from gaining too many points on China Lake, currently second in the standings.

Remaining on the MDISL list of events are golf and the sports carnival. Victories by China Lake in those two sports, with Norton finishing at least third in both events, could bring NWC the overall trophy for the second consecutive year.

Farkel Family Wins Title in Beer League

The Farkel Family wins again is not a rerun on the late, late show. It means that, for the fifth straight year, the Farkel Family softball team has won the title in the Beer League-a softball league that competes on the Center each summer, more for fun than blood.

This season they captured the crown rather spectacularly—winning 16 games and losing none. The playoff for the title on Tuesday, July 30, saw them defeating the Goo Beers, 15-4, while the Decibels were handing the Dingbats a 9-3 pasting.

Then on Wednesday, July 31, the "Family" trounced the Decibels, 11-4. Manager Randy Sturgeon said that Jim Pryor pitched the championship game, as he has pitched most of the games all season long-"superbly."

Long Distance Walker Sets National Record

Travis Veon, 11, a member of the Maturango Milers track club, clipped 15 seconds off the standing record of 4:20 in the 880-yd. walk during the Pacific Association AAU Junior Olympics, held recently in Milbrae, Calif.

Veon, who also finished second in the mile walk with a time of 8:57.4, accompanied Danny Rugg and Mike Slates, club members, who also competed during the meet.

Rugg, 9, finished fourth in the mile walk, and Slates, 13, was third in the 12-13 division of that race.

The team is coached by Roland Veon, an employee of the Data Systems Branch of the Electronic Systems Department's Countermeasures Division.

called a "comer."

Nancy Webster, selected co-Athlete of the Month for July with Billy Brown, has been a "bridesmaid" many times, but her days is

"Finishing second seems to be my forte," she said. Since arriving at China Lake in 1972, Mrs. Webster has been on runner-up teams in volleyball, softball and basketball at the Center in various intramural leagues, and in golf, she's finished second more times than she'd like to remember.

In the past year, the July athlete has been runner-up in the Women's Golf Club championship tourney, second in the President's Trophy tournament, and was the second person to post a round of 80, which is the women's record at the golf course. (Mary Ann Castor, current club champion, notched the first 80 during that event earlier this year.)

"I have won, though," she was quick to point out. She was victorious in the Ladies' Invitational in a field of 90 golfers earlier in

The Abington, Pa., native attended Abington High School where she competed in lacrosse, swimming, field hockey, and Weapons Center was eliminated early in the basketball. She also took up golf in her Mojave Desert Inter-Service League youth, but never really played seriously until coming to China Lake.

Majored in Phys. Ed.

Following her graduation from high school. Mrs. Webster attended the University of Arizona at Tucson, where she received a BS in physical education and a master's degree in education. She taught physical education at Sunnyside High School, in Tucson, for five years while husband, Bill (a Ph.D.), was completing his education. He is currently head of the Engineering Department's Microelectronics Branch.

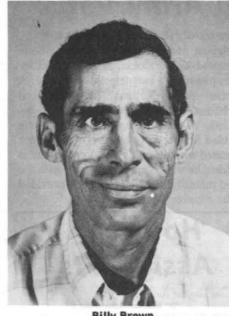
Tennis ranks with golf as a "favorite" sport. In the fall, she will be teaching both tennis and golf at Cerro Coso Community College. "That should keep me pretty busy," she pointed out.

The Websters have two children. They are Daniel 5, and Travis 2.

Recognition at Last Billy Brown has been pitching softball at NWC since 1950.

"I began with the old Salt Wells Pilot Plant team No. 2," he recalled. "I've pitched every season except for two years I was in the U.S. Army (1953-55), and never won a darned thing until three years ago,"

Brown's team in the China Lake In-



tramural Fast Pitch League is The Hideaway, and they have been league championship, set to begin tomorrow at the champs the past three seasons. Prior to local course? that, Brown, who has always been thought of as one of the premier hurlers in the league, did his thing for second and third place to think that it will go to the best match play teams. "We never finished worse than third, golfer, but I don't agree. but couldn't seem to ever win the title." he

In the past month, Brown has been phenomenal. He won four games in the Mojave Desert Inter-Service League tournament, held at NWC, and the local team won the title for the first time since the league was formed in 1955. In addition, Brown recorded four victories in the recent second annual Invitational Softball Tournament, and aided The Hideaway in its victory over 15 other outstanding softball teams entered in that event.

New Skeet, Trap Team Formed by Military

Tryouts were held on Tuesday to select the members of a NAF Skeet and Trap Team. Those chosen will compete against other military and civilian teams in the local area.

Frank Weaver, captain of the squad, selected the top 10 scorers as team members. They are Mike Coleman, Gordon Williamson, Dave Emert, Glen Harper, Jim Kooken, Jim Waits, Bob Chaloux, Bob Cook and Jim Augustine.

"We are looking forward to competition," Weaver said. "We don't have anything scheduled at the moment, but we will accept challenges from any skeet and trap team in



DIVISION "B" CHAMPS — Mike Machowsky, manager of the Comarco team, displays the Division B championship trophy, won by his team in the Women's Softball League last week. The Comarco squad defeated the Roadrunners, 25-16, for the title. On the left is Luanne Boe, team captain, and at right is Juanita Rickets, third baseman. Standing in the rear is Sharon Pounds, who pitched the final game. Comarco ended the season with 10 wins and 2 losses.

SPORTS

August 9, 1974



What type of golfer will win the 1974 club

Will it be a medallist, or a golfer skilled at match play? Many of the local hackers seem

There are a number of golfers at the course who are excellent at match play whom, I fear, can't shoot low enough scores on the first weekend to get into the final playoffs. I'm speaking of people like Bob Hooper, who is virtually undefeatable at match play and who wants to play in the championship flight this year (he's won the President's flight the past two years in a row). Another that comes to mind is Chris Peterson, who's really tough at match play, as well as Bob Moore, who can be really terrific at both medal and match, and is a former club champion.

The current champ, Dick Clay, will have to get it all together the first two days before he can exercise his forte, which is match play. Max Smith, normally the best medallist and match play artist on the course, has been having a little trouble scoring in the low 70s this year. If he can survive the first weekend, then look out. He's the the finest competitor on the course and has the ability to make the really tough shot when he needs it.

Only four men will make it into the match play finals. My hunch is that the four golfers will be Jess Moreno, Jim Runchey, Jr., Curt Bryan and Max Smith. To go one step more, the high qualifying score will be 151.

Badminton, Anyone?

Wilt Wyman, NWC's supervisor of athletics and youth programs, is planning to begin a badminton league and a two-on-two volleyball league. In addition, he's laying the ground work for competition in handball

All this is in preparation for the MDISL Sports Carnival, which includes these four

Anyone interested in competing is asked to contact Wyman at the Center gymnasium, NWC ext. 2334 or 2571.

Clovis Cowboys To Play Hideaway Nine At Reardon Field

The Clovis Cowboys, of Clovis, Calif., billed as the greatest softball team in the world, will visit China Lake next Thursday, Aug. 15.

The outstanding softball group will play an exhibition game with the Hideaway team at Reardon Field, beginning at 6 p.m. The contest is co-sponsored by the Indian Wells Valley Softball Association, Frank Robinson, owner of The Hideaway restaurant, in Ridgecrest, and the NWC Special Services Division.

The Cowboys are on their way to a world softball tournament in Arizona and have agreed to stop over at China Lake to play the exhibition contest.

Admission is free of charge and all interested persons are invited to attend.

NWC Personnel Asked To Be On Lookout for Discarded Ordnance

Several disturbing incidents have occurred recently at Naval activities involving the discarding of items of ordnance. In one instance, these items were placed in a location which permitted their acquisition by youngsters playing in the

The consequences of this unauthorized procedure are obvious: Possible injury or death to innocent persons, as well as damage to property.

This is a reminder that this kind of incident could occur here at the Naval Weapons Center. According to the Safety Department, ordnance items have been found in dumpsters, in the housing area, and in off-road vehicle riding areas.

At NWC, departments are responsible for any munitions that come under their cognizance. They take every reasonable precaution to ensure that such items are not left where they can be picked up by children or by unauthorized personnel.

Employees and military personnel on the Center are reminded that they are not to take ordnance items home, and are not to leave such items where they could be

If such an item is found, it should be left untouched where it is and one of the following organizations notified: Police Division, Explosive Ordnance Disposal (EOD) or the Safety Department.

If parents should discover that children have brought home what appears to be an ordnance item, such items should be examined by EOD personnel to determine if they contain explosives. In a surprising number of cases, these kinds of items have been found to be dangerous. The cooperation of all personnel is earnestly solicited in this important matter.

Board Adopts Budget for Sierra Sands Unified School District

the 1974-75 school year was adopted last district. night by the Board of Education of the Sierra Sands Unified School District.

This action was a follow up to the public hearing held Aug. 1 on the budget for the first year of operation of the new unified

penditures lists a total outgo, plus ending operation this past July 1. balance, of \$9,878,226. This amount includes a general reserve of \$100,000 that cannot be touched without going through the budgeting process again, as well as \$822,226 that is set aside as an appropriation for

This latter sum will be reduced at the time that final salary negotiations with both certificated and classified employees are completed, Grant Pinney, the district's assistant superintendent for business ser-

Fringe Benefits Included

Under the contract being discussed with the certificated employees (teachers), the fringe benefits in addition to salaries include paid-in-full Blue Cross coverage for medical problems, dental work, vision needs and prescriptions for the employee and all member of his or family.

Sources of income for the first year of operation of the Sierra Sands Unified Scool District are: Federal, \$1,691,290; state, \$4,986,050; local property taxes, \$2,174,656; and Kern County, \$18,916.

In addition, the new school district has at its disposal \$980.836 that has been turned over to it as the Burroughs High portion of funds held by the Kern High School District, as well as money unspent by the three local elementary school districts (China Lake. Indian Wells Valley and Rand District) that

SEA To Be Chosen...

(Continued from Page 1)

The SEA also will provide the NWC Commander with an evaluation of the impact of existing and proposed policies affecting enlisted personnel and their dependents, as well as maintain liaison with NAVAIRPAC and the Naval Material Command.

From time to time, the SEA may accompany the Center Commander or his representatives to official functions, inspections, or ceremonies in which enlisted personnel are participating, and also will accompany the Commander on official travel to other commands when the nature of the travel deems it necessary.

Completion of the screening committee's nominating process and selection of the new SEA is to be completed within the next few

A budget totalling nearly \$10 million for now comprise the new unified school

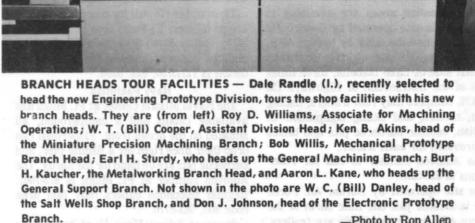
Also available as income to the district for the 1974-75 school year is a beginning balance of \$26,478-money that had been borrowed from the state and county but not spent during the formative months officials of the Sierra Sands Unified School District The budget's bottom line under ex- were preparing for the district to begin Supervisors To Set Tax Rate

The Kern County Board of Supervisors will set the tax rate for the local unified school district in September, after receiving a report from the county tax assessor regarding the assessed valuation of taxable property within the district.

Pinney has estimated the 1974-75 school year tax rate at \$5.94 per \$100 of assessed valuation-or exactly the amount that was forecast at the time residents of this portion of northeast Kern County voted in favor of school unification on May 1, 1973.

There is a good possibility, however, that an increase in total assessed valuation within the district could result in a slightly lower tax rate, the district's expert on school finances said.

Attention Bicyclists! The California Vehicle Code (Section 21205) prohibits a person operating a bicycle from carrying any packages, bundles or articles which prevent the operator from keeping at least one hand upon the handlebars.



Code 55 Functions Combined To Form Engineering Prototype Div.

Citing the need to be more flexible, and mechanical fabrication services in one capable of meeting the changing needs of the Center's programs, and also to become more program / customer oriented, the Engineering Department's Mechanical Division has undergone a major reorganization.

Now called the Engineering Prototype Division, Code 554, the new division consists of seven branches. Dale Randle, the man selected to head the division, noted that Roy D. Williams is the Associate for Machining Operations, Code 55401, and named his branch heads.

6 New Branches Created

Six new branches were created in the machining area out of the previous large Shop Branch. Heading up the branches are Aaron L. Kane, Code 5542, the General Support Branch; Earl H. Sturdy, Code 5545, the General Machining Branch: Robert E. Willis, Code 5546, the Mechanical Prototype Branch; Ken B. Akins, Code 5547, the Miniature Precision Machining Branch; Burt H. Kaucher, Code 5548, the Metalworking Branch; W. C. (Bill) Danley, Code 5549, the Salt Wells Branch, and Don J. Johnson, Code 5541, the Electronic Prototype Branch, which was transferred into the division.

The reorganization consolidated the Engineering Department's electronic and division. "Many of the Center's programs are the one-of-a-kind, cut-and-try type, so, to meet these needs we have established a fabrication service that is program / customer, not process oriented," said

"In addition, we have de-emphasized the planner and estimator function," Randle explained. Shop branch heads (foremen) are now the point of contact for customers for all jobs coming into the shops. Planning and estimating will still be accomplished on large complex jobs as required," he further

The main idea behind the reorganization, according to W. T. (Bill) Cooper, Randle's assistant division head, will be to encourage face-to-face contact between the shop craftsmen and the customers. "Formal documentation will be kept to a minimum. I'm referring to shop records, drawings sketches, etc." Cooper pointed out.

Some of the other changes to be augmented because of the reorganization, include assigning jobs to shop personnel already familiar with the project, and allowing one craftsman to accomplish as much of the job as is within his capability, thereby having less fragmenting of jobs among several craftsmen.

Other Open Shops Planned Open branch level shops are planned for the future in the Michelson Laboratory and at Salt Wells. Each "open shop" will be equipped with an appropriate assortment of machine tools that may be operated by qualified engineers, scientists and technicians. An announcement will be made

when these open shops are available for use.

According to Randle, the Engineering Department and his division will establish other internal policies to cause the shops to be more responsive and efficient. "Our goal, above all else, is to have the division remain flexible and possess the capabilities to meet the changing needs of its customers and Center programs, as those needs are identified," Randle concluded.

American Federation Of Gov't Employees To Meet

The next monthly meeting of the members of Local 1781, American Federation of Government Employees, will be held on Monday, starting at 7:30 p.m., in the Joshua Room of the Community Center.

Local 1781 is the representative of a unit composed of non-supervisory civilian employees of the NWC Security Department's Police Division, who are located at China Lake.



FACE-TO-FACE — Charles Misfeldt, a customer from Code 5516 (r.), points out what he wants to George Reeves, a machinist in the newly-organized Engineering Prototype Division. Scenes such as this will be more common in the future as the new shop branches in the division will be more available to customers.

Vacation Facilities Available In **Many Locations for Servicemen**

Undecided about where to go on your vacation? Are you disturbed to find that most campgrounds in California are filled to capacity well in advance of your vacation time due to the reservation system?

Well, if you are active duty military, and in some cases, employed in Civil Service, take heart. Campgrounds, cabins, ocean front sites, and, in one location, a wilderness ocean. area, are available to you just by making a phone call.

Two recreation areas are available at Lake Isabella-one operated by George Air Force Base, and the other by Norton AFB. At the George AFB site, which is located on the east side of Lake Isabella, three miles north of the intersection of Highways 155 and 178, campers may rent trailers, fishing boats, motors, and skiing equipment. In addition, outdoor barbecue pits and tables are provided for each trailer.

The Autovon number to call for reservations is 353-3233.

The site operated by Norton Air Force Base is located just one mile north of the George AFB camp. Available are trailers, 15-ft. aluminum boats, equipped with motors, a children's playground equipped with recreation facilities, and outdoor barbecue pits and tables.

The Autovon number to call for more information about it is 382-7261.

Marine Operated Camps

The United States Marine Corps is also heavily into the recreation camp sideline. The Marine Corps Air Station, El Toro, operates a recreation facility at Big Bear Lake, where they have A-frame cabins and

MCAS, Yuma, Ariz., offers cabins and a campground, with boating facilities at Lake Martinez, on the Colorado River, and Special Services, at Camp Pendleton, has campgrounds, cabins and a wilderness area. In addition, Camp Pendleton also operates a campground area fronting the

The ocean facilities are open to both military and civilian personnel.

The numbers to call for more information are as follows: El Toro, area code 714, 449-2575; Yuma, Ariz., area code 602, 783-3422, and the Autovon number for Camp Pen-

Navy Facilities

The Naval Missile Center at Pt. Mugu has available cabins and a campground, all situated on the ocean front. Fishermen can drop their lines right off a fishing pier, and barbecue pits are on hand for the hardy. The Autovon number at Pt. Mugu is 873-7001. Regular telephone callers may dial area

Treasure Island Navy Yard has cabins and a campground at Lake Tahoe for military and civilian personnel, and the El Centro Naval Air Station also has camp-

The numbers to call are (415) 765-5088 for TI, and (714) 339-2481 at El Centro.

exist. Perhaps one of the Special Services organizations at one of the other installations know of even more. Question them, find out what's available.

But do it now. The summer's almost gone.

Lectures About Heat Transfer Scheduled

Dates have been announced for the first four in a series of eight lectures on heat transfer and temperature measurement that will be held in Rm. 203 of the Training

Dr. Ronald Woodfin, head of the Systems Test Section in the Central Engineering Branch of the Engineering Department's Environmental Standards Division, is corrdinating the lecture program.

The first four presentations-scheduled from 7:30 to 9:30 a.m. on Aug. 27 and 29, and Sept. 3 and 5-are designed for mechanical and electronics technicians, while the remaining four lectures are intended for

and two other NWC employees, Charles Martin and Frank Markarian, will discuss a variety of subjects including calculations based on heat of fusion and vaporization. mechanical and electrical phenomena related to heat and the laws of thermodynamics, as well as relative humidity

Lectures five through eight will cover temperature measurement. Outside lec-

Part of Services Of 'We Care' Group

Due to an unfortunate set of circustances, it was reported erroneously in the Aug. 2 issue of The ROCKETEER that Mickey Strang and the Rev. Cal Torrance are available for legal counsel as part of "We

What the pair are actually doing is researching matters of law for insurance on the part of the group's volunteers, and looking into tax relief for donations to this non-profit organization.

However, "We Care" does need volunteer drivers, as well as other volunteers. Persons interested in donating their time and services are asked to pick up the volunteer registration forms at the Station Pharmacy, the NWC Library, Dee's Coiffures, or from the bulletin board at Fazio's Market.

ROCKETEER

dleton is 727-3750, ext. 3360.

grounds available.

Possibly, other similar campgrounds

both technicians and engineers.

During the first four sessions, Dr. Woodfin and transfer of heat.

turers from vendors of temperature

Legal Counsel Not

Care's" services to the community.

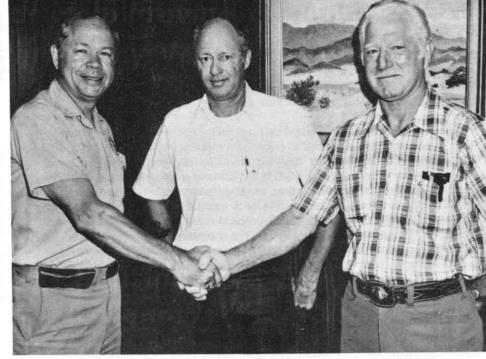
The ROCKETEER regrets the error.

measuring equipment will be here for at least half of this series.

Employees interested in attending this series of lectures should submit an NWC enrollment form via proper department channels in order to reach Code 654 no later than next Friday, Aug. 16.



NEW PROJECT PILOT - Lt. Raymond D. Duncan reported recently to the Naval Air Facility for duty as a project pilot. A 1968 graduate of Oregon State University, where he majored in wildlife science, Lt. Duncan has been in the Navy for five years and was transferred here from Attack Squadron 37 at the Naval Air Station, Cecil Field, Fla. He joined the Navy through the Aviation Officer Candidate School, and earned his pilot's "wings of gold" at Kingsville, Tex., in December 1970. Lt. Duncan had been at Cecil Field for more than three years and was serving as a pilot in the Quality Assurance Office prior to being transferred here. The new NAF project pilot was accompanied to China Lake by his wife, Ellie, and their infant daughter, Jen-



THREE DECADES OF SERVICE - Capt. W. H. Sturman (I.), NWC's Public Works Officer, recently congratulated two of his employees for reaching a milestone in their work lives--30 years of Federal service. The men are John Cleveland (c.), and Art Senn. The latter, who has worked at NWC for the past 28 years, is general foreman of machinist maintenance. Off the job, he enjoys maintaining his own automobiles, hunting in the Northwest and Canada, and being with his four sons. Cleveland, a maintenance foreman, came to NWC in January 1950. He spends most of his spare time working on a home he built himself, cam-

Two Areas of Red Rock Canyon Classified as Natural Preserves

Los Angeles by the California Parks and there. We originally fought for state park Recreation Commission, two areas of Red status for the area, which was approved in Rock Canyon were classified as natural the State Legislature but vetoed by Gov.

The two sites now covered by this classification are 480 acres of land in Hagan tions just east of Highway 14. Remaining portions of Red Rock Canyon are presently classified as a state recreation area.

The natural preserve classification, which prohibits off-road vehicle access to the two remaining areas of Red Rock Canyon. sites, will be enforced by three state Parks and Recreation Department rangers.

The natural preserve status will provide protection of scenery, especially the geological, botanical and historical features of the two areas, according to a spokesman for the Red Rock Advisory Committee-a group that (along with many others) had originally fought for state park status for the

A bill (AB 2645) calling for Red Rock Canyon to be set aside as a state park was introduced in the State Assembly by Assemblyman Ray Gonzalez, who represents this area in the State Assembly, and was co-sponsored by Sen. Walter Stiern, whose State Senate District also takes in the

AB 2645, which cleared the State Senate by vote of 27-2 and was also heavily-favored (69-9) in the State Assembly, was subsequently vetoed by Gov. Ronald Reagan,

State park status had been strongly opposed by off-the-road vehicle organizations, and William Penn Mott, Jr., head of the California Parks and Recreation Department had asked Gov. Reagan to veto the bill calling for such status for Red Rock Canyon.

This move reportedly was aimed at protecting the more delicate areas of Red Rock Canyon, since (at that time) the California Parks and Recreation Commission was studying about 1,200 acres with the idea of turning it into a natural preserve where no vehicle travel at all would be permitted.

The bill approved earlier by the State Legislature created routes of travel for recreation vehicles. Such routes are contrary to the definition of a state park, it was noted by the State Parks and Recreation

According to Vickie Araujo, secretary of the Red Rock Advisory Committee: "Our committee doesn't want to keep anyone out

During public hearings held recently in of the area; we just want to preserve what is

. . We're definitely against a recreation classification for the area, so we're partially Canyon and 240 acres of the red cliffs sec-mollified by the Parks and Recreation Commission decision," the advisory committee secretary said.

She added, however, that the committee will continue to seek state park status for the

Special Meter...

(Continued from Page 1)

up with a prototype and it was discussed at a meeting of the ad-hoc committee on March 19, 1974. Some general and specific alterations were recommended at that time, and Meade went back to the drawing board.

Finally, on April 18, Roy Johanboeke, head of Code 4531, atttended a meeting of the NWC General Safety Policy Committee to display the prototype of the meter developed by Meade, and built by Code 5541, under Don

Kit Skaar was so impressed that he personally rounded up enough funding to build approximately 50 of the meters at a cost of between \$200 and \$300 each. According to Johanboeke, 40 or 50 of the meters would be needed at NWC alone.

As a result of this meeting, De Santo took the meter to a Range Safety Group meeting of the Range Commanders' Council and showed it around, with much acceptance by that august body.

The no-voltage meter will clearly show the presence of 50 millivolts of either AC or DC voltage without range switching or attention to lead polarity. It also will withstand 120 volts AC or DC without overloading, and can be readily checked by using a built-in source that is current-limited to less than one milliampere.

Because the results desired is a zero reading, the built-in check feature will give the user confidence that he really has a "no voltage" reading, and not just a defective voltmeter. It is built simply enough so that non-technical personnel need not interpret readings or select meter ranges. A five-part list of simple instructions is etched onto the inside cover.

Persons who desire more information about the no-voltage meter, and its availability, should contact Johanboeke at NWC Ext. 7308.

Air Show Proceeds Help Provide Guide Dog for Blind Army Vet

Officers and members of the High Desert before moving to Reno 18 months ago. Detachment of the Marine Corps League Outgoing and personable, Ehrler, who is were pleased to learn this week that the undaunted by blindness, is an avid skiier

help of a number of other interested confident he will conquer new fields with the organizations, raised \$2,100 for this cause. added mobility and independence provided As a result, Richard Ehrler, 26, of Reno, by the capable German shepherd.

Inyokern Intercept Air Show (which they and is planning a raft trip this summer. A sponsored last Jan. 27) has helped to make it member of the National Inconvenienced possible for an Army veteran of the Vietnam Sportsmen's Association, as well as the War to obtain a trained guide dog for the Blinded Veterans' Association and the Disabled American Veterans (DAV), Erhler Marine Corps Leaguers here, with the is pleased with his guide dog, Fergus, and is

ROCKETEER

Housing Houses assigned during July, 1974. Chapin, GS-13; Stone, GS-12. One Bedroom Apartment Williams, GS-14. One Bedroom Motel Nuckles, GS-13. Two Bedroom Normac & Letourneau

Johnson, GS-12; Fifer, GS-3; Kitchen, E-3; Hogan, GS-9; Leon, GS-9; Nelson, GS-11; Roche, WG-10; Lingstrom, GS-5; Coughlin, GS-7; Bradey, GS-4; Fabros, GS-4; McKinney, GS-5; Lawless, GS-13; Hibbard, GS-9; Porter, GS-11. Two Bedroom Apartment Carr, WG-5; Thornton, E-3.

Two Bedroom Hill Duplexes Woodard, LCdr.; Jacobs, Lt.; Jacobson, GS-12.

5; Parris, GS-5; Clark, WG-5; Christianson, GS-9; Emery, E-5; Scott, WG-6; Bozarth, E-4; Halligan, GS-4; Rolf, Lt. Reed, GS-7; Abbott, E-4; Leffler, GS-7; Waldon, GS-9, Banura, GS-9; Mulvaney, WG-8; Miller, GS-3; Vories, GS-5; Harrison, E-4; Nordin, E-5; Baxter, GS-5; Kucera, E-5, Dean, GS-11; Lee, EQ-8; Wiesneske, E-4; Leuck, E-5;

Two Bedroom Wherry Kilmer, E-5; Harrison, GS-4; Rupp, E-3; Tripp, E-2; Chitwood, GS-3; Moorehead, GS-3; McLean, GS-3; Dombroski, E-4; Martin, E-5; Lovero, S / Sgt.; Gregory, GS-3; Whitman, E-3.

Three Bedroom Hill Duplexe Herrington, Lt.; Hampton, GS-12; Hanson, Lt.; Erickson, GS-12; Kern, Lt.; Norrick, Lt.

Feist, GS-14; Bonner, GS-13. Kash, GS-3; Banares, E-5; Pablo, E-4; Pollard, WG-9;

The Vietnam War veteran had been Three Bedroom Juniper blinded by a grenade explosion five years ago while serving with the Army's 9th In-Three Bedroom JOQ

Four Bedroom Panamin Scheber, Lt.; Harper, LCdr.; Ehl, Cdr.

Four Bedroom Normac Smith, WG-10; Norlund, GS-9; Connell, WG-7; Garcus, WG-10; McBride, E-5; Armstrong, E-5; Tracey, E-5; Reichart, E-6; Atencio, GS-9.

PLEASANT DUTY - D. J. Russell (at right), head of the Electronic Systems

Department, had the pleasant duty recently of presenting patents to four of the

employees in his department. They are (from left) Allen D. Ehresman, an elec-

tronic engineer in Code 3525; Richard P. Gagliardi, an electronic engineer in Code

3545; Tom Westaway, an electronic engineer in Code 3556, and Frederick C.

Alpers, a physicist in Code 35031. Ehresman received an additional award of \$50

for his patent entitled, "High Speed Angle Gate," while Gagliardi and Westaway

were awarded patents for their developments of an "Instantaneous Frequency

Diversity Radar System" and a means of "Missile Guidance by Radar Signals,"

respectively. Alpers was granted five patents in all. Their titles are: "Terminal

Aim Point Refinement Circuit," "Precision Transponder System," "CW Con-

verter Circuit," "Adaptive Swept-Frequency Active Radar Seeker," and "High



Nev., was able to return home recently upon

completion of a 28-day training course with

Fergus, a German shepherd, at Guide Dogs

After rehabilitation training at Hines

Veterans' Hospital in Illinois, Ehrler at-

tended business college, where he com-

pleted courses in computer programming

and darkroom technology. He was employed

in Florida as a computer programmer

Resolution Microwave Seeker."

for the Blind, Inc., in San Rafael, Calif.

fantry Division in the Mekong Delta.

Assignm'ts

Two Bedroom Old Duplexes
Parsons, WG-8; Alberts, WG-8; Collins, WG-8; Baker, E-

Adams, GS-13.

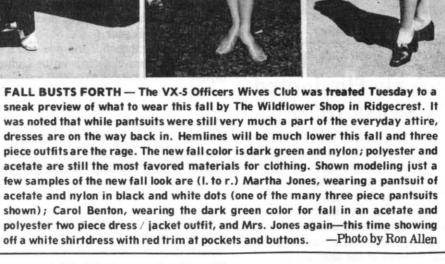
Three Bedroom Panamint

Hunter, E-5; Ware, E-5. Three Bedroom Normac Duplexe

Moulton, WG-10; Moore, GS-12; Shelor, GS-12; Stone, GS-12; Billinger, E-9; Snider, E-8; Ireton, GS-11; Phillips, E-7.

Stratton, GS-13; Sidney, GS-13; Carter, GS-13.

Cruz, E-6.



HAIL AND FAREWELL

NEW ARRIVALS-CIVILIAN Code 01—G. L. Hollingsworth; Code 12—Stacy B. Leffler; Code 1762—Robert A. Pringle; Code 182—Gary B. Bailey; Bergeron and Lt. Charles A. Fitz-gerald Code 2514-Scott D. Miller; Code 2523-Patricia A. Galyardt; Code 31101-Walter S. Beebe; Code 3124-Paul S. Bailey and Larry D. Johnson; Code 3372-Janet F Stanley; Code 3554-Robert L. Belding; Code 3712-Michael D. Shride; Code 3723-Dennis L. Vories; Code 3735-Allen M. Wetzstein; Code 4014-Joan G. Reed; Code 40408-Harry E. Hamerdinger; Code 4043-Dean W. Elliott; Code 4095-Robert G. Starke; Code 4563-Jim Kennedy; Code 5114-Waimao P. Yu; Code 5312-Joe S. Martinez; Code 5513-Steven R. Bollenbaugh; Code 5532-'homas R. Shelor; Code 5545F-John M. Elison; Code 4454K-James D. Bauman and Theodore J. Smith; Code 5582-Paul E. Coghlin; Code 6521-Ramona K. Hagadorn; Code 7036-Lawrence B. Fain; Code 7038-Charles L. Holmes; Code 70412—Douglas R. Hopkins; Code 70426— Jack L. Carr; Code 70427—David W. Larson; Code 70433—

Ray Lauderdale and Eddie Medina; Code 84213-Robert R. emon, II; Code 84223—James E. Rentz; Code 843—Jack D. Kash and Edwin C. Tingstrom. CIVILIAN-DEPARTURES

Code 12-David G. Deroulet; Code 173-Cordia L. Tankersley; Code 176-Lillian M. Flew; Code 3122-Judith M. Beatty; Code 33-Diane E. Mayer; Code 3333-John A. Ashcraft; Code 3352-Earl R. Scarborough; Code 3514-Beverly E. Kiecker; Code 4053-Stanley F. Johnson; Code 4061-Wilma F. Pennington; Code 4062-George E. Myers; Code 5524—George O. Holland; Code 5535—Jerien M. Deham; Code 4436-Thompson E. Fehr; Code 5545G-Paul E. Sorensen; Code 7002-Alfred H. Wacker; Code 70426-David D. Lusher; Code 84122-Luella J. Gatfield; Code

881-Wilma T. Herzog. NWC OFFICERS Arrivals-Lt. Ronald E. Hempling, Capt. Francis E. McDonald, Ltig. Albert J. Norrick and LCdr. Craig D. Departures: LCdr. Lloyd J. Felton.

Arrivals-LCdr. Dale V. Clark, Lt. Raymond D. Duncan, Cdr. James W. Ehl and LCdr. Rhodes W. Harper. Departures: LCdr. George A. Baland, LCdr. Barry D.

VX-5 OFFICERS Arrivals-Lt. Norman L. Hansen II, Lt. Gerald K. Jacobs, Ens. Craig J. Lokkins, LCdr. John K. Peiguss, Lt. Kenneth L. Pyle, LCdr. Jeffrey W. Randall, Cdr. William C. Smith and Ens. David M. Stanhope.

Departures: Lt. William N. Thomas and Lt. John R.

NAF ENLISTED PERSONNEL

Arrivals-AT1 R. M. Borkowski, AR M. L. Diamond ETNSA S. R. Dollens, FTG1 S. J. Dombrowski, HA B. M. Ford, ADJ3 G. L. High, PRAA R. W. Kilmer, FTM2 R. A Krueger, SD3 J. A. Pablo, SR T. K. Rogers, AQCS H. A Snider, ASE2 M. G. Wallace, TMO1 R. H. Watkins, and

CSSN F. G. Wayne. Departures: RM1 W. J. Bunn, EMC L. A. Devine, RM2 R. S. Dissin, AT1 W. W. Emde, YN1 R. E. Henry, AQ2 L. R. Johnson, AQ3 M. P. Kocinski, HM3 E. J. Patten, AE2 W. A Patterson, AC3 J. L. Peterson, ADJAA M. T. Ponticelli, AMS3 D. R. Thomas, AT1 G. H. Turner, ADR1 J. E.

Williams and CS2 W. E. Wirth. VX-5 ENLISTED PERSONNEL

Arrivals-DP3 Rodolfo L. Banares, ADJ2 Leland R Barnard, AFCM Donald R. Billinger, ADJAA John C. Buchner, AT2 Lawrence M. Dilday, AQ2 Patrick M. Emery, ADJAA Scott R. Henson, YNSA Olga Holguin ADJ2 Don A. Lee, DM1 Donald R. McKee, AQC John W Meredith, AZAN Kerry L. Mowdy, ADJAA Robert J. Munch, AMSC Muril D. Phillips, AT2 Steven W. Piel, SDSN Robert W. Roth, ADJAA Blaine C. Stambaugh and ADJAA

Departures: ADJAN Edmond C. Colin Jr., AZ1 Donald A. Gienger, AN Roger D. Karr and ADJ3 Allan J. Wearner MARINE LIAISON OFFICE Arrivals-Lt. Col. Donald E. P. Miller

NWC Employee Services Board

Semi-Annual Audit The audit of the Employee Services Board accounts provide the following financial status reports as of June 30, 1974. ASSETS

Cash on Hand \$ 100.00

Cash in Bank (Savings & Checking Accounts)	48,776.34
Cash in Bank (Savings Account Reserve)	52,174.57
Accounts Receivable	62.00
Prepaid Expense	310.88
TOTAL ASSETS	101,423.79
LIABILITIES	
Taxes Payable, Payroll	\$ 2,547.86
Recreation Council	14,733.10
Reserve for Equipment	17,333.77
Operating Capital	66,809.06

During the fiscal year ending June 30, 1974, \$73,516.19 was allocated to the Joint Navy-Civilian Recreation Council to be used in support of the Center's Recreation