Page Eight

Russian folk group concert slated at college lecture hall

The Odessa Balalaikas, a group that specializes in Russian, Slavic and gypsy music, will present a concert tonight at the Cerro Coso Community College Lecture Hall, beginning at 8 o'clock.

Admission is \$2 for the general public and \$1 for students with current student body cards. The tickets may be purchased at the Gift Mart in Ridgecrest, the Station Pharmacy, or at the college switchboard. In addition, the ducats will be available at the door tonight at performance time.

The musicians in this group are Stephen Wolownik, Jonathan and Peter Rothe, Judy Sherman, Linda O'Brien and David Leiberman.

Wolownik formed the group in 1973 while he was still a graduate student at UCLA. Four of the members hold degrees in music from that university.

They take their name from the triangular balalaika and round-bodied domras used in Soviet Russia.

As much as possible, the musicians try to involve the audience in some of their numbers. Published in the program are the words to "Kalinka," "Katiusha," "Kto Yevo Znayet," "Podgornaya," "Snyeg, Snyezhok!" and others. The audience will be invited to sing along with the group during the playing of these selections.

The program for the evening includes village and gypsy tunes, Russian ballads, songs of Slavic and Romanian origin, and a pair of Georgian polyphonic songs.

Entry forms for DEF premium competition are due tomorrow

All persons who plan on entering the various competitive events at the 1975 Desert Empire Fair - whether it be with jams or jellies, paintings or crafts, pies or pickles - are reminded that tomorrow is absolutely the last day to submit completed entry forms.

Entry forms, together with the bright yellow premium rules booklet, can be found at the Community Center or the Center Library at China Lake. In Ridgecrest, they can be picked up at the Chamber of Commerce, City Hall, Kern County Building, or the Kern County Library.

In addition, they also are available in Trona, Randsburg and Invokern.

The Desert Empire Fair will be held from Sept. 17 through 21 at the fairgrounds in Ridgecrest.

A complete list of competitive categories can be found in the booklets. Anyone with questions is asked to call Willie Johnson, chairman of the DEF's competitions' committee, at 377-4651.

ROCKETEER

AN AWARD WINNING GROUP - The Burroughs High School songleaders came away from the California Specialty Camp, a summer school in Sacramento at which cheerleading, songleading and baton twirling are taught, with a superior rating, a trophy for first place in competition with other songleaders, and 35 individual ribbons. The girls are (I.-r.): Liz Knemeyer, Sue Jenne, Sharon Burklund, Laura May, Lori Zinke and Denise Mendonca. -Photo by Ron Allen

in sponsoring Vietnam refugee

The Lutheran Council of the U.S.A.'s of Latter Day Saints in Ridgecrest, then Lutheran Immigration Service recently asked districts throughout the nation to look into the matter of providing assistance to Vietnamese refugees.

In response to this request, the Grace Lutheran Church in Ridgecrest appointed Larry Josephson, who also is the congregation's president, to head a committee to learn if a home and employment could be found in the Indian Wells Valley for one of the unfortunate refugees.

Anticipating that a language barrier might be one of the difficulties (provided that a refugee was brought here) Bob Burkhalter, a member of Grace Lutheran Church's committee, contacted PN2 Samuel C. Thompson, who works in the NAF Personnel Office.

PN2 Thompson, a member of the Church

Seminar on use of microprocessors to be held on Sept. 8

A seminar on the use of microprocessors in control applications has been scheduled on Monday, Sept. 8, from 1 to 3 p.m. in the Panamint Rm. of the Community Center.

Ed Lee, of the Pro-Log Corp in Monterey. Calif., will demonstrate field-proven procedures used in applying microprocessors to real-world problems during a presentation that will be geared to audience participation.

Interested persons can obtain additional information by calling either Gerry Auger, head of the Missile Radar Branch in the Electronic Warfare Department's Microwave Development Division (phone ext. 3975), or James McGuire at ext. 5481.

BID OPENING HELD - Representatives of industry attended a recent formal bid opening in the Supply Department's conference room. Shown in the above photo are (I.-r.) Bob White, contract negotiator ; Lois Herrington, purchasing agent ; Ron Thiele, of Arrowsmith Tool & Mfg. Co. in Ridgecrest; Sam Manocchio, from the Advance Machine Co. of Los Angeles; Joe Dunlap, of Dunlap & Abbott Mfg. Co. in Chatsworth; Jim Balsters, of Underwater Development Technology in Orange, and John Murphy, of IMMCO, a firm located in Anaheim. Such bid openings are held to record responses to formally advertised invitations for bids and are open to the public. Gatherings like this will be a matter of routine as NWC's contract authority has been increased to \$100,000 per year per contract.

brought the matter up at his church, which is now taking a hand assisting in the search for a job and housing for a Vietnamese refugee and his family.

Sponsorship of a refugee is helping the refugee begin a new life in this country. It is not a legally binding obligation. However, it is a serious commitment

Josephson asks that any person in the valley who might have a job available contact him by calling 375-2250. "This is a primary requirement, of course," Josephson stated. In addition, the committee head is asking that anyone with a residence that can be made available to the refugee also contact him at the same number.

To date, PN2 Thompson has found six persons who are willing to work toward sponsoring a Vietnamese refugee. Some of them speak the Vietnamese language. They are ADJ1 David E. Fairbanks, AMS2 L. A. Kilpatrick, YNC Raleigh Nauta, ADJ1 Raymond Sikes, and Jim Laub, a civilian employee of NWC.

Annual picnic slated Sept. 13 by Chapel's **Catholic parishioners** The annual parish picnic of the All Faith

Chapel's Catholic Congregation will be held on Sept. 13 at Invokern Park. John Carroz, chairman of the 1975 event,

stated that the usual bill of fare found at most picnics will be available. "There will be hamburgers, hot dogs, beans, potato salad and liquid refreshments," Carroz

until 10 o'clock. In addition to eating, those nce will be able to participate in a number of games and other fun events.

Tickets are priced at \$2 for those 12 years of age and over. Youths between the ages of 5 and 11 must pay \$1, and all those 4 years old and under will be admitted free. Carroz said that the maximum amount of money a single family will have to pay is \$8.

Tickets are available at the Chapel office during the week and are also on sale following Masses on Saturday and Sunday.

Cactus Squares schedule

class for beginners

A class for beginning square dancers will be held on Wednesdays at the Community Center from Sept. 10 through April 14.

Instructor for the course will be George Thornburg, principal caller for the Cactus Squares dance club, sponsors of the class. According to Bill McCanless, class

chairman, the first three sessions will be free of charge. "They will be designed to acquaint individuals with square dancing and get them more interested in completing the course," he said.

A charge of \$10 per person will be asked as full payment for the remainder of the course.



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

(G) - ALL AGES ADMITTED **General Audiences** (PG) - ALL AGES ADMITTED **Parental Guidance Suggested** (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian Regular starting time - 7:30 p.m.

29 AUG.

"BOOT HILL" (92 Min.) Terrance Hill, Victor Buono (Western) The owner of a mining company specializing in claim jumping and his crew are

FRI.

killed by members of a traveling frontier circus who saved the man the miner tried to eliminate. SAT. 30 AUG. "FAT CITY" (97 Min.)

Stacy Keach, Jeff Bridges (Drama) Two young boxers in an impoverished area try to find a better life. (PG) 31 AUG .- 1 SEPT. SUN .- MON.

"SHAMPOO" (112 Min.) Warren Beatty, Goldie Hawn

(Comedy-Drama) During the 1968 elections, Beverly Hills hairdresser Jay Robinson (Warren Beatty), accommodates his customers with extracurricular services. This is a bawdy, and frequently outrageous sex farce. The film focuses on Robinson, a disreputable character who wants a salon of his own, while carrying on affairs with the wife and daughter of a potential benefactor TUE. 2 SEPT

"ISLAND AT THE TOP OF THE WORLD" (94 Min.)

Donald Sinden, David Hartman (Adventure) Adventure story about a wealthy Englishman who organizes an Arctic expedition in 1907 to search for his missing son. He travels north in a dirigible and finds a lost civilization of Vikings living in an island paradise. (G) WED.

"NEWMAN'S LAW" (99 Min.)

George Peppard, Roger Robinson (Drama) Reviving the role he created in "P.J.," George Peppard—as a rogue cop-battles syndicate men in subways, grocery stores and the "watering holes" of the elite. (PG) THURS. 4 SEPT.

"DOG POUND SHUFFLE" (97 Min.) Ron Moody, David Soul

(Drama) This feature centers ground an old veteran of the English Music Hall, who is reduced o being a street entertainer. His most valuable possession is his dog, which he has taught to dance while he plays and sings. One day while chasing a cat, his dog gets lost. Heartbroken, the old man begins a relentless search. There is pathos and much humor to be found in the veteran entertainer's efforts to get his dog back. (G) FRI 5 SEPT

"MASSACRE IN ROME" (104 Min.)

Richard Burton, Marcello Mastroianni (Action Drama) A German colonel is forced to kill 330 hostages in retaliation for the slaving of 33 Nazi soldiers during the occupation of Rome

Auditions will be The picnic will begin at 4 p.m. and last held next week for 'Barefoot in Park'

Auditions for "Barefoot In the Park," the hilarious, Neil Simon comedy about a newlywed couple who move into a small apartment at the top of one of New York's high rise buildings, will be held on Sept. 3, 4 and 5 at 7:30 p.m. at the China Lake Players Hut, 405 McIntire St., on the Center.

All interested persons are invited by director Robbie Robbins to attend one or more of the tryouts.

For more information regarding the production, contact Robbins by calling 446-4043 after 5 p.m.

1975 - 494 N0338

From:	PLACE
To:	HERE





Naval Weapons Cente China Lake

INSIDE . . .

New Senior Chaplain Reports Incentive Awards Program Results4 Patent Awards Presented5 Sports DEF Entry Forms Due8

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NEW CAPABILITIES — The photo above shows the new motion picture film processors after installation was completed. The motion picture lab employees are (I.-r.): Richard Zurn, Ted Horn, Dan Zurn (background at right), Ray Becker, and Louis Capasso. The equipment has given the motion picture lab a shorter turnaround time and has helped to reduce costs to the customer.

Navy's 200th birthday fete plans revised

Plans to stage a U.S. Navy birthday ball at Joshua Hall on the Desert Empire Fairgrounds on Saturday, Oct. 11, have been cancelled, according to Harry Parode, NWC's Public Information Officer.

Instead, the three clubs located on the Center (COM, CPO and Chaparral) will be asked to provide dinner and special entertainment on that evening-based around a Navy theme.

There will be many things for local residents and visitors to do and see over the long weekend of Oct. 10-13 when the Navy observes its 200th birthday.

The weekend will be capped by a visit from the Blue Angels, the Navy's flight demonstration team. Their aeriel maneuvers will highlight a proposed firepower demonstration and show by VX-5 and NAF pilots on the afternoon of Oct. 13, the Navy's official birthdate.

The festivities will begin at noon on Friday, Oct. 10, with a special flag-raising ceremony performed by members of various veterans' organizations in the local area.

These same service clubs will also handle a special lowering of the colors and

Treasurer elected, but vacancy still exists on CLCC bd.

Don Cook, head of the Center Library, was elected treasurer of the China Lake Community Council's board of directors during a special meeting held this past Tuesday.

Cook replaces Richard Wolff, who resigned from the Community Council board when he moved off the Naval Weapons Center.

Nominations to fill the vacancy created by Wolff's resignation are being sought by the local civic group. Anyone 18 years of age and over who resides at China Lake is eligible to serve on the council's board of directors.

Nominations should be submitted to Aletha Benson by calling 446-2739. As of mid-week, two Center residents had submitted their names as candidates. They are John Butler and LCdr. John King.

"Taps" ceremony at the end of the fourday-long observance on Monday, Oct. 13. In between, plans are under way to stage special events, displays, shows and other programs during the weekend. The Grandland Singers, 70 youths from Cerritos College, will present two performances in the Center Theater on Saturday, Oct. 11. A special cake-cutting ceremony will be held in Bennington Plaza following the con-

clusion of the group's last performance. In addition, the Navy mess will be open to the public on that Saturday. A special

historical Navy menu will be prepared, including cornbread, beans, and soup.

The Maturango Museum is preparing to conduct guided tours to Big and Little Petroglyph Canyons on the Center's ranges during the day on Saturday. All persons who take this trip should be prepared to spend nearly the entire day.

All Navy personnel, retired and active duty, plus Reservists, Sea Cadets and others, will be asked to wear their Navy uniforms on Friday. This is being done in

(Continued on Page 7)

Possible loss of Federal aid is serious problem for school dist.

Contributions of China Lake residents for support of the Sierra Sands Unified School District through the medium of Federal impact aid (Public Law 93-380, formerly PL 874) at this moment are in serious jeopardy for the 1975-76 school year.

Dr. Howard Harmon, superintendent of Monday morning.

Having hired teachers and other staff for the new school year (which opens Sept. 10) on the basis of a budget that included projected income of \$1,813,302 (nearly 19 per cent of its total) from the Federal government, administrators of the local school district have a dilemma on their hands as a result of President Gerald Ford's veto of HR 5903 (the education portion of the HEW appropriation bill).

Consequently, instead of beginning the new school year with a combined contingency and reserve fund of \$1,014,155 (a portion of which was being considered for use to enable the district to increase the pay of teachers and classified employees), it now looks like not only will the contingency and reserve fund be wiped out but the present budget's expenditures will exceed income by \$107,477.

What this means, in turn, is that rather than being in a position to be able to approve an increase in school district employees' pay (already included in the budget are the pay step increases due teachers and a 5 per cent boost for classified employees), administrators and the district's board of education will have to find ways to further

reduce expenditures.

school board is willing to give the teachers a 45 percent of all the work done in this pay boost (in mid-April the Desert Area branch during the first few weeks of FY 76 Teachers' Association submitted a request was general still photo lab and field services for roughly a 15 per cent cost of living in- for projects and technical departments on crease) if there is money available, but the the Center. Another 16 per cent was printed the local school district, called a brief press cutback in Federal impact aid makes this circuit and microphotographic work for the conference to explain the situation this past highly unlikely unless the votes can be Engineering Department, and Public mustered in the House of Representatives to Works was supported by 22 per cent of the override the President's veto of HR 5903. branch's output.

(Continued on Page 7)

SLIDE FILM PROCESSOR - Jim King operates the fully automatic Pako slide film processor in the Still Photography Section. This machine enables the technicians to process color slide film in great quantities at a lower cost.

All kinds of photo work provided to assist NWC engineers, program mgrs.

rockets, fuzes, and weapons systems.

Vol. XXX, No. 34

These range from the accountant who keeps the books straight, to the secretary who juggles appointments, travel and schedules. The brains behind the many NWC programs lean heavily on these partners.

One of the many important groups on the Center that is often called upon to support projects and programs is the Technical Information Department's Photographic Division.

Documentation is one of the necessary tools of science. One of the more lasting ways to document anything is through photography. The Photographic Division, headed by Harry L. Devereaux, is prepared

Modern day scientists, engineers and to handle any kind of photographic work technicians have many partners who share needed by project engineers and program in the successes of their experiments, managers for the large jobs, or by a research scientist needing only one or two photos.

> Recently, the installation of two new color film processors in the Motion Picture Laboratory Branch has increased the division's in-house capability to process 8, 16 and 35mm Ektachrome films. In addition, the central Photo Lab began the new fiscal year with a revised and expanded charging system which will mean lower costs for still and motion picture laboratory services.

Highly Experienced Crew

Nine specialists, highly experienced in motion picture laboratory operations related to processing, printing, process control and equipment maintenance, work in this branch. Raymond Becker is the head. In FY 75, this branch processed a weekly average of 67 jobs totaling nearly 3,000,000 linear feet of motion picture film. A total of 86 per cent of this was project support work.

The new equipment in the lab includes 8/16mm and 16/35mm processors for the Ektachrome E-4 color reversal process. An existing Technicolor machine will continue to be used for the 16mm ECO-3 process.

Plans to install new Versamat roller transport machines for processing black and white film up to 9 in. wide soon will be finalized. This will provide both high and low contrast processing of range data film.

Wide Range of Services Provided

Still laboratory and photographer services are provided by the Applied Photography Branch, headed by Art Farrell. The skilled photographers and technicians of this branch provide a broad range of custom and highly specialized Dr. Harmon stated Monday that the services to all departments. Approximately

This is a nationwide problem, since Persons on the Center who desire (Continued on Page 3)

Page Two

ROCKETEER

Message to: all Federal civilian and military personnel

A victorious campaign against the problems of recession and inflation requires individual discipline and ingenuity as well as the total mobilization of America's greatest resources-the brains, the skills, and the will power of our people. In this fight, it is vital that all Federal civilian and military personnel become actively involved in cost reduction and energy conservation efforts.

Each of you can make a personal contribution by submitting constructive ideas and working cooperatively to eliminate waste, improve equipment, streamline operations, or make more productive use of time, facilities, and energy resources. I have established a special cost reduction campaign within the framework of the Federal Government awards program to encourage cost saving suggestions.

During the remainder of calendar year 1975, I will take special note of outstanding contributions of civilian and military personnel. I have asked to be informed of all suggestions, inventions, and scientific and other contributions which result in first year measurable benefits to the Government of \$5,000 or more so that I may add my personal thanks and congratulations in addition to the cash awards available to participants.

I strongly urge each of you to seek economies and other improvements within the Government while providing high quality services to the public. By working together, I am confident that Federal spending can be reduced and products and services improved.

Gerald R. Ford

Naval Weapons Center employees with ideas or suggestions on cost reduction and energy conservation should submit a

take it from

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completed Suggestion Form (NAVSO 12450/8) to their department's incentives award representatives. They are:

Code 00, Office of the Commander, Jo Richey; Code 08, Finance and Management, Brandi Williams; Code 12, Weapons Planning, Cathy Doyel; Code 18, Naval Air Facility, Edith Haley; Code 22, Safety, Gladys DeMoss; Code 25, Supply, Jean Gale; Code 31, Surface Missiles, Marijean Ackers; Code 33, Fuze Department, Shirley O'Malley; Code 35, Electronic Systems, Jean Rollingson; Code 37, Test and Evaluation, Patty Graham.

Code 40, Aircraft Systems, Lori Gunther; Code 45, Propulsion Development, Regina Hibbs; Code 51, Air Weapons, Linda Adams; Code 53, Technical Information, Becky Sorge; Code 55, Engineering Department, Juanita Deham; Code 60, Research Department, Mary Watts; Code 65, Personnel Department, Susie Metzler; Code 70, Public Works, Carol LeFebvre; Code 84, Security Department, Claudet Meyers; and Code 88, Medical Department, Carole Plante.

Emergency dental care is available for dependents of Center military personnel

Phones

Although routine dental care for The above work also is done by apdependents of military personnel is not pointment only. authorized at the NWC Dental Department, emergency dental care to relieve pain is authorized.

If a bonafide emergency existspreferably during working hoursdependents should call first for an appointment by dialing NWC ext. 2911.

Under the Navy Dependents' Preventive Dentistry Program, dependents may receive an oral examination / consultation, a prophylaxis (if required), and a topical fluoride application.

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 Department

> Don R. Yockey Editor

Jack C. Lindsey Associate Editor

Ron Allen Staff Photographer

Other services for military dependents performed by the Dental Clinic include the

offering of decay reducing stannous fluoride preventive dentistry during the annual Christmas-New Year school holiday.

This service is provided for dependents of active duty or retired military personnel over six years of age. In addition, diagnostic X-rays for dependents will be furnished upon the presentation of a prescription from a civilian dentist.



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 Nav Exos P35, 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.



Dr. R. A. Jones to become president of Clark College

When school resumes this fall, Dr. Richard A. Jones will become the new president of Clark College in Vancouver,

Dr. Jones, who has been president of Cerro Coso Community College since 1971, will officially resign effective next Thursday, Sept. 4, at the meeting of the Kern Community College District board of trustees

Clark College was founded in 1933 and has an enrollment of 5,000 students. According to Edward Simonsen, chancellor of the KCCD, Dr. Jones' resignation will cause curately and efficiently. Ability to get along with others in few transition problems because the Cerro Coso president was scheduled for a sabbatical leave beginning this fall.

Dr. Richard S. Meyers has already been appointed acting president and will continue in that role until a permanent president can be selected later in the year.

"We're sorry to have Dr. Jones leave," Simonsen said. "He has been an extremely effective teacher, administrator and president. His departure from our district will be a great loss," he added.

Dr. Jones has been with the Kern Community College District since 1958. Under his leadership, enrollment has increased phenomenally at Cerro Coso, growing to 3,913 students during the Spring 1975 semester. During this time, average daily attendance increased 91 per cent compared to enrollment on the opening day at the college's new site in the fall of 1973.

Labor Day holiday will see most NWC

facilities closed Employees of the Naval Weapons Center will observe Labor Day on Monday. Most business and recreation facilities will close on that day.

Those that will remain open, and their hours, are as follows:

Fazio's Market, 10 a.m. to 7 p.m.; Hall Lanes, 11 a.m. to 11 p.m.; the golf course, 6:30 a.m. to 8:30 p.m.; gymnasium, 11 a.m. to 7 p.m.; the COM pool, 10 a.m. to 8 p.m.; and the theater, which will be open regular hours.

All other facilities, including the Commissary and Navy Exchange, will close in observance of the Labor Day holiday.

Metal Trades Council

The next monthly meeting of the Indian Wells Valley Metal Trades Council has been scheduled on Thursday, Sept. 4, starting at 7:30 p.m. at 65-B Halsey Ave.

August 29, 1975

PROMOTIONAL **OPPORTUNITIES**

Unless otherwise specified in the ad, application

positions listed in this column will be accepted m current NWC employees and should be filed with the person named in the ad. All others desiring mployment with the Naval Weapons Center may ontact the Employment-Wage and Classification ivision. Code 452, Ext. 2069. Ads will run for one reek and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose ork 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 conerning the Merit Promotion Program and luation methods used in these promotional op tunities may be obtained from your Personne nt Advisor (Code 656 or 657). Advertisi ons in the Promotional Opportunities colu oes not preclude the use of alternate recruiting urces in filling these positions. As part of the rating ocess, a supervisory appraisal will be sent to the rrent supervisor and the most recent previous pervisor of those applicants rated as basically salified. The Naval Weapons Center is an equal tity employer and selection shall be made ion for any nonmerit reason. Th um qualification requirements for all GS as are defined in CSC Handbook X-118, while for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Clerk-Typist (WAE), GS-322-3 / 4, PD No. 7455008, Cod 531 - This position is located in the Guidance Branch Engineering Department. Incumbent provides clerical and typing duties to the branch personnel, acts as receptionist, maintains branch files, etc. Job Relevant Criteria: Ability to type efficiently and accurately. Ability o get along with others in work group. Ability to meet deadlines under pressure. Previous applicants need not

Supervisory General Engineer, GS-801-13, PD No. 7555123, Code 5536 - Position is that of head, Control Design Branch, Engineering Department, Duties include providing supervision and technical direction to a group engaged in design, simulation analysis, product rovement, production support and Fleet support. Conultation as an expert in mechanical / electronics inter aces and their effect on total weapon systems perfor mance is performed for on and off-Center groups and con tractors. Job Relevant Criteria: Experience in project and supervision. Experience in mechanica esign and systems engineering. Broad theoretical know edge of complex servo controlled systems. Comprehen sion of practical production and manufacturing

Clerk-Typist, GS-322-4, PD No. 7355115, Code 5563 on is located in Fleet Operation Branch, Engineering Department. Incumbent provides clerical and typing duties for branch personnel, acts as receptionist, maintain files, etc. Job Relevant Criteria; Ability to type acwork group. Ability to meet deadlines under pressure. Familiar with Navy correspondence. Reliability and

Clerk-Typist, GS-322-4, PD No. 7355036, Code 5536 osition located in the Control Design Branch, Engineering Department. Incumbent provides clerical and typing duties for branch personnel, acts as recep tionist, maintain files, etc. Job Relevant Criteria: Ability to type efficiently and accurately. Ability to get along with others. Ability to meet deadlines under pressure File applications for the above with Carol Downard,

Bidg. 34, Rm. 204, Ph. 2925. Police Officer, GS-083-3/4/ 5, PD Nos. 884016, 884015 and 7184019, Code 843 (3 vacancies) - This position is located the Police Division of the Security Department. In-

cumbent will perform duties as uniformed patrolman. He (Continued on Page 7)



DIVINE SERVICES

	PROTESTANT		
Sunday Wors	ship Service	1015	
Sunday School - All Ages		0900	
Wednesday N	Noon Bible Study	1130	
(Dorms 5, 6,	ol Classes are held in Chapel Ar 8) located opposite the Center Re Service first Sunday of the Mor	staurant.	
	ROMAN CATHOLIC MASS		
Saturday	1700 fulfills Sund	1700 fulfills Sunday obligation	
Sunday	070	0 0830 1130	
1	BLESSED SACRAMENT CHAPE MASS	L	
Daily except	Saturday	1135	
	CONFESSIONS		
Saturday		1615 to 1645	
Sunday		0800 to 0825	
R	ELIGIOUS EDUCATION CLASS	ES	
Sunday	Kindergarten thru 6th grades	1015	
	Pre-school	1130	
Wednesday	First thru sixth	1530	
	seventh & eighth	1900	

Above classes are held in Chapel Annexes across from Center Restaurant As announced Ninth thru 12th grades "In Home" Discussion Groups

Monthly Youth Rallies Contact Chaplain's Office for specifics

JEWISH SERVICES EAST WING - ALL FAITH CHAPEL Sabbath Services every Friday 2000

UNITARIANS CHAPEL ANNEX 95 Sunday Services - (Sept.-May)

1930

remember that he is the recognized leader of this golf club, and act accordingly. **Dance at Chaparral Club** "Soul Sensation," a Los Angeles-based rock group, will provide the music for a dance tonight at the Chaparral Club. The music will begin at 9:30 and conclude at 1 a.m. Remember, pizzas and chicken, plus shrimp in a basket are served each payday evening in the club's dining room from 7 to 9:30. This food service also is available

I have had faith in Moreno all along. beginning last year, and knew that one day he would win this crown. I now have faith that he will forget he is a 15-year-old Burroughs High School student, and

every Thursday night.

purpose in mind. **Busy Time Ahead** Pinney's schedule calls for him to arrive in Washington, D.C., on Sept. 6 and attend a meeting of the National Education Association's executive board. He also will attend similar meetings on Sunday, Sept. 7, and Monday and Tuesday, Sept. 8 and 9, will be spent trying to make personal contacts with Congressional representatives in order to inform them to the fullest extent possible what the curtailment of Federal impact aid for schools will mean.

Also due to arrive in Washington, D.C., as representatives of the Sierra Sands Unified School District prior to the time the House Representatives' vote on overriding the President's veto takes place on the evening of Tuesday, Sept. 9, are Mrs. Helen Ferguson, president of the local school district's Board of Education, and Joe Basso, representing the Desert Area Teachers' Association.

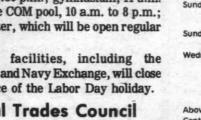
Both Mrs. Ferguson and Basso also will

be contacting Representatives in Congress in an attempt to insure that all those who will have a vote on the matter will understand what the potential effects of reduced Federal aid for schools will be. Nationwide Problem The three local residents will be among

school district officials and spokesmen for teachers' groups from throughout every state in the nation who are geared to do their utmost to spread the word about the serious problems that will be created by this pending cutback in Federal aid to schools. As a rule of thumb, District Superintendent Harmon stated, a school district's financial balance at the end of any school year should be about the same when the following year concludes, and there is a state requirement that all school district's maintain a reserve fund.

At this time with a hefty cut of \$1,336,000 in Federal aid pending, the Sierra Sands Unified School District will face nearly impossible problems in meeting this requirement should the attempt to override President Ford's veto result in failure, Dr. Harmon said.

task. Our champion must be the epitome of all those members of our club, and he must carry this burden and responsibility with him. This means playing in our tournaments, spreading good fellowship, and treating his fellow golfers with courtesy and aplomb.



The council is the representative of a unit composed of the Center's non-supervisory, ungraded civilian employees of NWC who are located at China Lake.

August 29, 1975

Serious problem . . .

(Continued from Page 1)

Federal impact aid has been provided to schools in 411 out of 435 of the total number of Congressional Districts in the U.S., Grant Pinney, assistant superintendent for business of the Sierra Sands Unified School District, explained.

In hope of rounding up the 290 votes that are needed in the House of Representatives to override President Ford's veto of the money for support of schools in areas where Civil Service employees either work on and live on Federal installations (Category A) or work on and live off Federal property (Category B), Pinney will be leaving for the nation's capital where he will be joining 180 other school administrators from throughout California-all with the same

Catbird . . .

(Continued from Page 6)

Robert S. Mullins, administrative officer for the Program Management Division of the Surface Missiles Department, who is also business manager for Harpoon and Sea Sparrow, is one of those who grew up in the ndian Wells Valley, left here, and returned.

ROCKETEER

"My wife, Mary, and I are making plans to build a home south of Ridgecrest on some recently purchased property. We will probably work out our careers here," Bob

Bob likes this community. More than that, he feels the community likes itself, and that's its principal charm. "In times of emergency or tragedy, this community cares. Let something happen to you, as it did to me, and people around here respond with kindness and help," he added.

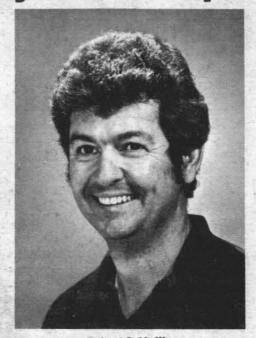
Bob was born in Hollis, Okla., but moved here when he was 13 years old. He was graduated from Burroughs High School in 1954. Not knowing what he wanted to do at that time, he joined the Army. After spending nearly two years in Germany, Bob was honorably discharged, and came home. Worked as Fireman

"I was still casting about for a career, so I joined the NWC Fire Division and worked with them for a year," Bob recalled. He thought he had what he was seeking when he joined the California Interstate Telephone Co. (now the Continental Telephone Co.) as an inside installer, but after 18 months with them, he came back to the Center. This time, Bob joined the Public Works Department as a laborer, but was RIF'd in 1960.

He moved to Los Angeles where he was hired as an inside salesman for an electronics firm-Tech Ser. Inc .- and enrolled in Pacific States University, Los Angeles, a school that specialized in escalated engineering courses.

After two years of work and study, Bob joined the H. I. Thompson Fiberglass Company's Blackwood's Division. He was with the firm for four years-the last two as operations and office manager.

A brief employment with another firm followed and then he joined a new organization that was specializing in the



Employee in the spotlight

Robert S. Mullins

distribution of electrical insulation for the aerospace industries. "I helped to organize the company from the bottom up. This meant everything from installing pencil sharpeners to setting up contacts for purchasing materials, staffing, budgetary and planning," Bob said. Then his mother died.

That was in January 1968 and Bob decided to return to the Indian Wells Valley where he could be close to his father. He was rehired on the Center as an administrative assistant in the Engineering Department's staff office.

When he left Code 55 in September 1970 to join the Harpoon program office, Bob was the associate head of staff. He was the last person to be hired into the old Aircraft Ordnance Department before it was reorganized as the Electronic Systems Department. Dr. Newton Ward, now retired, who headed AOD, presented Bob with a scroll that showed his name written in on an organizational chart in ink. Since that reorganization in 1970, there has been another-in 1973-and the Harpoon Program Office now is a part of the Surface Missiles Department.

Page Seven

Bob is considered a valuable employee by Gerry Miller, now Code 31's associate department head, who was Bob's first boss in Harpoon. "Bob can be relied upon to put in whatever work is necessary to get the job done, and he seldom has to do anything twice," Miller said about this week's Employee in the Spotlight.

Bob's duties are primarily budgetary, but he hopes one day to become more people oriented by working in a job that calls more for dealing with personnel matters.

His interest in people is evident in his offduty hours. Over the years, Bob has worked with young people in the Indian Wells Valley in many different programs, including coaching of Youth Center basketball teams, and working as a coach for five years in Little League.

Likes Being With Kids

"Working with kids is the greatest. You get so much more out of it than what you put into it," he opined. A few years back, Bob was a member of the Mojave Desert Officials' Association and refereed basketball games in the Desert-Inyo League. In addition, until last season, Bob was a football scout for Bruce Bernhardi, coach of the Burroughs High School varsity football

His main task was to look for things different from the norm, such as trick plays, quick counts, etc. "We have a very sophisticated football scouting system here," Bob said. He stated that he scouted the Antelope Valley High School gridders so often one year that he actually found himself rooting for the Antelopes on occasion. "It seems they were always playing the team we were going to meet the following week, so I saw a lot of AV that year," Bob recalled.

He and Mary consider themselves homebodies. Their favorite pastime is listening to music and doing things with their four children. They are Michael, 16, who will be a junior at Burroughs next month; Kathy, 15, who is entering her freshman year at Burroughs; John, 6, who is attending a school for the blind in Berkeley, and Laura, 4.

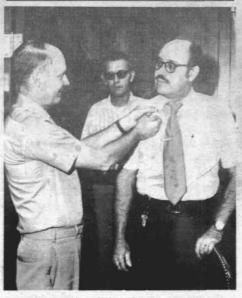
Navy's 200th birthday fete slated Oct. 10-13 . . .

(Continued from Page 1)

order to create a visual impact on exactly how many persons reside or work in this community who are connected with the

In addition, these same personnel will be asked to wear their uniform when attending church services on Sunday.

Displays will be set up in various prominent locations throughout the Center, including Michelson Laboratory. These displays will not only reflect on-going work at the Naval Weapons Center, but will be



THIRTY YEARS WITH THE NAVY -Foreman electrician Earl E. Burkholder receives his 30-year pin from Capt. William F. Daniel, head of the Public Works Department, while his supervisor Major Tinion looks on. Burkholder began his career with the Navy during World War II when he served in the Asiatic-Pacific theater of operations. He's been a civilian Navy employee at NWC since 1948.

based upon a Navy historical theme.

A local car club will sponsor a showing of many different types of autos during the weekend, including antiques, hot rods and customized cars. Guided tours of Michelson Laboratory and other areas of the Center also are being considered.

The Ridgecrest Kiwanis Club will stage a **Opportunities** . . .

(Continued from Page 2)

repression of crime, apprehension of offenders, recovery of property, regulation of non-criminal conduct including traffic control and enforcement. Job Relevant Criteria: Incumbent must have the ability to work in stress situations. Must be able to exercise good judgment. Must be able to properly apply and enforce laws. This position is open to men and won

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

Machinist, Foreman, WS-3413-10, Code 70 - Position is at first full supervisory level in the Public Works Dept., Maintenance-Utilities Division, Metal Trades Branch Machine Section. Qualifying trades are machinist, equipment mechanic, toolroom mechanic and saw filer. In addition, applicants must possess knowledge and abilities in the following elements: Ability to supervise, technical practices, ability to interpret instructions, knowledge of materials and knowledge of pertinent tools and equipment. File SF-172 and Supplemental Wage Grade Supervisory Information Sheet with the Special Examiner. Code 652 to be postmarked not later than Sept. 16, 1975. Forms may be obtained in the Personnel Bldg., Rm. 100. For additional information, contact Betty Geiser, Ph. 2657. JOB OPPORTUNITIES

Recreation Aid, PS-0189-02 (\$2.21 p/h), PD No. 7455127. This is not a Civil Service Job. - This is a part-time position located in the Ceramics Hobby Shop. Assists and instructs patrons in the use of the shop's facilities. Sells materials and assists in inventories. Desirable Qualifications: Knowledge of operation of ceramic kiln. Approximately 15 hours per week.

Bartender, NA-7441-03, \$2.63 p/h, PD No. 74EM0101. This is not a Civil Service Job. - This position is located in the Enlisted Mess (Open). Incumbent mixes alcoholic / non-alcoholic drinks to order; delivers drinks, receiving payment or appropriate charge to member's 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. Desirable Qualifications: Must have ability to do simple arithmetic and make proper change. Must be able follow instructions and deal effectively with people; experience in preparing alcoholic beverages.

File applications for the above positions with Dor Childers, Ph. 2676.

pancake breakfast in the parking lot of the Community Center on the official birthdate and other local fraternal and social organizations-such as the Elks, Moose Lodge, etc .- will be asked to be prepared to operate food service booths during the Blue Angels' air show.

A combination picnic and ice cream social is being planned for Sunday, Oct. 12 on the lawn in front of the Administration Building. Bands from the local schools and other forms of entertainment are being planned as part of this event. In addition, i is currently proposed that games and contests be held during the picnic.

Other events being considered at thi moment for the weekend celebration include a model airplane demonstration, a concert by the 11th Naval District Fleet Band, and solemn military observances during the concluding retreat ceremony.

All local area residents who would like to take part in this celebration of the Navy's 200th birthday, or who have worthwhile ideas regarding the planning of the weekend's events, are asked to call Parode's office at NWC ext. 3511.

Square dance classes

Bill Grady will instruct a square dance class for beginners each Tuesday at 7:30 p.m. at the Community Center, starting on Sept. 9.

This series of classes will continue for 30 consecutive Tuesdays.

The Jim Dandies Square Dance Club, sponsors of the instruction, will take registration during the first three sessions-Sept. 9, 16 and 23. These will be free introductory lessons. Thereafter, students must pay \$15 per person for the remaining 27 lessons

Anyone interested in obtaining further information is asked to call 446-5245.

Page Six

In

The

Catbird

Seat

it should be done here.

week's competition.

nwc rocketeer

By Jack Lindsey

I was a member of the gallery throughout

last Sunday's championship matches-all

36 holes-and I have a few comments to

To begin with, I agree with those who

think that the current men's club champion

should be seeded into the finals. This is the

way it is done at most clubs and it is the way

Max Smith should not have had to qualify.

He should have been one of the eight

competitors in the championship flight

automatically and been able to skip the first

make on some of the happenings.

SPORTS

ROCKETEER

Jess Moreno wins Men's Golf Club title

By Jack Lindsey The China Lake Men's Golf Club has a

new champion! Jess Moreno, a 15-year-old junior this fall

at Burroughs High School, closed out Max Smith, the 1974 title-holder, on the 15th hole in a spectacular fashion-he birdied the hole by chipping in a shot that was approximately 8 ft. off the back side of the

In addition, the scoring system should be made perfectly clear to all those who are competing, and next year's tournament director should have a triumvirate rules committee to handle all of the complaints after first making sure that rules for the championship are outlined and understandable by all.

In addition, I feel there should be a minimum of two referees to cover each championship flight. On the final 18-holes, Paul Someson did a creditable job, rebuking the huge crowd when it was needed and settling disputes among the golfers. However, he needs help-one man is not enough-and this kind of refereeing should be used on each match, not just the final one. The 18-hole match for the title is no more important than those elimination matches that come before it.

This is not a "money" tournament, like the Golden Anchor and the Invitational, but it is the match to determine who is the best golfer and who will represent our club. Therefore, I feel it is the most important tourney of the year.

Max Smith has been a great champion. He has represented the China Lake Men's Golf Club graciously and is a true champion and fighter in every sense of the word.

I would remind Jess Moreno and all those champions of the future, that this is no easy (Continued on Page 7)

McBride, Boyd big winners in tennis doubles tournament

The China Lake Tennis Club's inaugural tournament on the newly resurfaced tennis courts behind the Center gymnasium was held last weekend.

Marla McBride and Dick Boyd each walked away with a pair of trophies to emerge the most successful of the netters who took part in the men's, women's, and mixed doubles competition.

Mrs. McBride teamed up with Ruth O'Neil to win the women's doubles title from B. J. Peek and Joan Leipnik, 6-2, 6-2.

Nick Schneider-saved by a Boyd typical sh top shot by the latter-defeated Joe Strang nd Gary Fry, 6-0, 6-7, 7-5, to win the men's rown.

Wilt and Diana Wyman were victorious in the mixed doubles competition as they downed Dave Boyd and Mrs. McBride, 6-3, 6-2. Young Dave had to stand in for his father in the finals when the elder Boyd threw in the towel after playing 98 games (10 sets, 4 matches) on Sunday.

EARLY MORNING BOUT - Jim Anderson, a semi-finalist for the Men's Golf Club championship title, hits a fairway shot on Hole No. 1 on a gray morning. Anderson lost his match to the eventual champion, Jess Moreno.

Wilt's Corner Weight training classes for women to start Sept. 22

By Wilt Wyman NWC Athletic Director

Two 6-week weight training classes for women will be offered this fall at the gymnasium. Sheila Miller will be the instructor.

One class will be held on Mondays from 8 to 9:30 p.m., while the other is scheduled on Thursdays from 10 to 11:30 a.m.

These sessions will begin on Monday, Sept. 22. Registration is now under way. Each class will be limited to an enrollment of the first 10 persons who sign up. All participants must obtain permission from their doctor to participate in this program. **Fall Sports Meetings**

meetings are scheduled on Wednesday, Sept. 3, in the Community Center.

The schedule calls for fast pitch at 5 p.m., slow pitch at 6 o'clock, men's flag football at Cardinal, tournament director, Paul 7, and the final meeting of the evening-

women's flag football-at 8 o'clock. 11th ND Golfers Return

Dick Clay and Ed Judge returned to NWC last week after failing to make the regional finals in the 11th Naval District's golf tournament, held at the Admiral Baker Golf Course in San Diego.

Both made a good run at it, however. Clay recorded scores of 77, 78, 75 and 82, and suffered five penalty strokes in the final 18 holes, or he would have qualified. Judge notched rounds of 81, 78, 83 and 77, and fell short of the total needed to go to Washington.

3-on-3 Basketball

A 3-on-3 basketball league will be formed to play on Wednesday evenings provided sufficient interest is shown by local residents

A players' meeting will be held at the gym on Thursday, Sept. 4, at 4:45 p.m. Sign-ups will be taken at that time and rules and regulations for the league will be discussed.

Earlier in the match Sunday, Moreno had expressed a desire to win the title on the

15th-the same hole where he had been closed out last year by Smith in the finals of this same event. On Sunday, Moreno hit a shot off the 15th tee that carried well past the trees and ended up no more than 35 yds. from the green. However, Moreno's easy pitch shot bounced twice and rolled over the back, setting up the chipping situation.

Smith, who won this event in 1970, 1971, 1972 and 1974, took an early lead after the third hole. Both golfers parred the first two holes, but then Moreno got in trouble off the tee on No. 3 and ended up the hole by picking up his ball and forfeiting to Smith, who made par anyway.

Pulled Even at No. 4

Moreno got the hole back on No. 4 with a birdie and was never headed after that. He was 2-up at the turn and extended that to 3up on No. 11. The match hung at that score with Moreno at 3-up until the 15th hole.

More than 50 golfers and interested spectators watched the 18-hole match. when both golfers parred the 18th hole. The off and parred the hole anyway. 1974 champion had birdied No. 17 to take a had been played.

Both golfers had missed short putts on No. putts earlier in the match that might have grueling 3-hole finish. meant victory.

In addition, a number of people also thought that Smith should have been seeded No. 1 and not had to qualify for the championship flight. Perhaps a tournament committee might look into seeding the one of the match. Once again, showing a champion in future contests so that he might not have to be embarrassed by qualifying. This is the way it is done in many other clubs throughout the country. In the semi-final match between Jim Anderson and Moreno earlier in the day, Anderson gave the new champ a real tussle. Moreno emerged the victor after playing No. 17, 2-up with one hole to go, but along the way he found himself playing for his life.

Scrambled for Par

The turn-around came on No. 15 when Moreno's tee shot ended up against a tree Moreno, a left-hander, couldn't hit the ball Stephens, who made a bogie. where it was normally, so he took a 7-iron, turned it upside down and hit the ball righthanded nearly 160 yds. to the green. The ball wound up hole high on the right fringe. Moreno parred the hole and that seemed to settle the issue.

Anderson made it close again on hole No. Once again I would like to remind 16 when he won and reduced Moreno's lead Naval Weapons Center. They are provided everyone that the fall sports program to 1-up, but then the new champ parred No. on a reservation basis only. 17 to settle the match after Ander recorded a bogie on the hole.

It was a fine championship and Larry

Someson, and Lee Cowan are to be congratulated. However, the tourney was not without its difficulties. One of the biggest problems was the method of scoring used by Cardinal in the handicap flights. Golfers received strokes where they came on the scorecard, rather than receiving the difference in handicaps, and in one instance, this method determined a different winner.

In the second flight competition, Dick Tolkmitt was thought to be the winner, and would have been under the system used for scoring in the past. However, under the new system, Leroy Wise emerged the victor. There were no other reported difficulties in the scoring, but one of the golfers-Mike O'Brien, a 16-year-old Burroughs High School junior-had a lot of trouble with rules

O'Brien Overcomes Adversity

O'Brien won the president's flight, beating Mike Stephens 1-up on the final hole, but he had to overcome a tremendous amount of adversity to do it. Clearly the gallery's favorite, O'Brien lost hole No. 5 on Many of those present thought that Smith the front side when he was caught picking might have been tired after his grueling 18- rocks out of the sand trap. When informed hole match with Curt Bryan on Sunday by referee Paul Someson that he had just morning. Smith eliminated Bryan, 1-up, suffered a loss of hole, O'Brien shrugged it

He was 1-down to Stephens at the turn and one-hole lead after Bryan had fought back brought the match to even following a par from being four holes down after eight holes on No. 11. The slim, fiery-headed teenager won the next two holes and was 2-up after 13. Then disaster struck. Stephens parred 14 16 and Bryan, normally a dead-eye putter to cut O'Brien's lead to 1-up. Both golfers on those under 3-ft., had missed a couple of parred No. 15 and that set the stage for a

Second Penalty Setback

O'Brien marked his ball on No. 16 green with a club head. When he replaced the ball to putt, he forgot to put the ball back in the same spot. Result, loss of hole-his second tremendous amount of class for a youngster, he shrugged it off and tried to win the match. Going into hole No. 17 with the match even, he saw his putt lip out and both golfers bogied the hole.

O'Brien teed up on the long, par-5 No. 18 hole, and smacked a tremendous tee shot. He was then notified that his ball had been teed up in front of the tee markers and the shot would have to be replayed. He looked about wildly for a moment but then reached down inside himself for calm and hit a second tee shot even farther than the first. trunk bordering the fairway of hole No. 14. His par on the hole was enough to close out

Camping trailers at Lake Isabella can be reserved

Camp trailers and camping sites are available at Lake Isabella for military personnel and civilian employees of the

son had Anyone interested in taking advantage of this opportunity should call the Special Services Camping Issue Rm., NWC ext. 2080, for details.



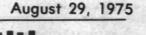
During the past two years, Chaplain Hermann and his wife, June, made their home in the town of Keflavik, Iceland, where he served the Iceland Defense Force-a joint military command of 3,000 Air Force, Navy and Marine Corps personnel and their 2,000 dependents. Warmest Weather 57 Deg.

noted.

officials

Sept. 10.

verification of grades. Summer registration of all freshman who will be entering Burroughs High School also is continuing. Parents of such students are asked to make an appointment by calling the counseling clerk at 375-4476. Registration of high school students who are new to the local school district will be handled between 8 a.m. and 3 p.m. next Tuesday, Wednesday and Thursday, Sept. 2, 3 and 4, at the Burroughs High administration building.





August 29, 1975

Capt. Hermann, new senior chaplain, reports here from duty in Iceland

R. E. Osman. The latter has been detached from duty here and will be reporting next to the Treasure Island Naval Station in San Francisco after leaving here on Sept. 8. Chaplain Hermann is a veteran of 27

vears as a Navy Chaplain-having been commissioned in 1948. He served his first tour of duty in the Chaplain Corps at the Naval Air Station, Oceana, Va.

NWC's new senior chaplain credits someone in the Navy's Bureau of Personnel with a sense of humor for arranging such a



Capt. Theodore C. Hermann, CHC complete change of scenery and weather conditions for his current assignment.

The warmest summer weather he experienced in Iceland was 57 degrees in the summertime, while the wintertime temperature remained consistently at right around zero. The wind-chill factor was well below zero, however, Chaplain Hermann

"I wanted to thaw out anyway," the new senior chaplain commented, but then added that he was just as glad to learn that his arrival hadn't coincided with some of the more extreme hot weather temperatures that Indian Wells Valley is hit with at times. Chaplain Hermann, whose hometown is Lawrence, Mass., has a bachelor's degree

Sign-ups continue

of students new to local school district

Registration of students who are new to staff of only five technicians using the Sierra Sands Unified School District will and semi-automatic printers. be continuing throughout next week, according to a reminder issued by district

Parents, it was added, will find it to their advantage to take care of this matter prior to the re-opening of schools on Wednesday,

Enrollment of kindergarten through eighth grade pupils who are new to the district is being handled at neighborhood schools. Data that must be presented at the time of registration includes proof of birthdate (in the case of kindergarteners), complete health information, plus

A new senior chaplain, Capt. Theodore C. from Wagner College at Staten Island, N.Y., Hermann, has reported to the Naval as well as a Master's of Divinity degree Weapons Center as a replacement for Capt. from the Lutheran Seminary in Philadelphia, Pa.

His introduction to the military service began in 1944 as a seaman recruit in the World War II V-12 program, when he attended Drew University in Madison, N.J., for two years.

For two years prior to joining the Navy Chaplain Corps, Chaplain Hermann served as pastor of the Lutheran Church in Flin Flon, Manitoba, Canada, and enroute from Iceland to Indian Wells Valley took the opportunity to make his first return visit to this same church in 27 years.

Visited Many Parts of World

His career as a Navy chaplain has taken him to many parts of the world, such as Hawaii, Okinawa, Japan and a tour on the USS Boxer in the Caribbean Sea, in addition to Iceland.

His stateside assignments have ranged from the Naval Training Center at Bainbridge, Md., the Naval Air Station at Quonset Point, R.I., the Naval Weapons Laboratory at Dahlgren, Va., and the Naval Station in Washington, D.C., to the Naval Amphibious Base in Coronado, Calif. In addition, he attended the senior course for chaplains at Newport, R.I.

Chaplain and Mrs. Hermann have one son, Theodore, Jr., who is employed in the management program of an ice cream company in Washington, D.C., and a daughter, Nancy, who is a former Navy nurse. Her husband, Lt. Donald Fraser, is now the catapult officer on the aircraft carrier USS Ranger, the same ship Chaplain Hermann served on from 1959 to

(Continued from Page 1)

assistance from the still photo laboratory

first come into contact with the Customer

Services Section. Work is routed to various

production units in the lab and finished

work is delivered by this section. During FY

75, a weekly average of 125 work requests

were processed through here, including

In addition, this office currently has on file

38,200 official still negatives and 20,840 2x2

in. master slides representing five years of

photographic effort. A still print file is

maintained for the most recent three years

of production. To assist customers in

retrieving filed photography, an average of

134 cross reference cards are photographed

Technicians Kept Busy

The Still Print Section made more than

1,750 black and white and color prints per

week during FY 75. This average of more

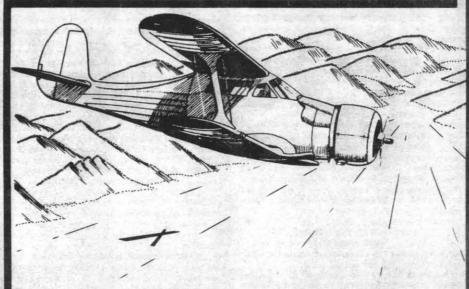
than 350 prints per day was produced by a

for installation of a video color negative

and filed weekly.

about 10 contract jobs each week.

U.S. NAVY'S 200th BURT These important events in the history of the U.S. Navy are recounted here for the purpose of calling attention to the U.S. Navy's 200th birthday on Oct. 13, 1975, as the entire nation prepares for the Bicentennial observance during the year 1976.



"I want it; this is it!" was the reaction of Dr. Charles Lauritsen, professor of physics and head of the Kellogg Radiation Laboratory at CalTech, when he first saw the Inyokern airstrip surrounded by vast acreage of desert land, Lauritsen and Cdr. Jack Renard crisscrossed the Mojave Desert in a single engine Beechcraft searching for a suitable location for testing the rockets being developed for the Navy by CalTech. The location "wanted" by Lauritsen grew not only into a rocket testing area, but into the giant RDT&E facility now known as NWC.

Wide variety of photo work provided . . .

of the work is of a highly custom nature requiring special handling.

Additional mechanization-such as the use of roller transport Versamat processors for black and white paper prints-is planned and will help to improve turnaround time and reduce labor costs.

A staff of five professional scientific and technical photographers from the Camera Section is available to all departments. In addition, three photographers and technicians can provide precision copy, 105mm microfilm and microphotographic services.

Good Production Record

Included in this section's production average of 660 units per week during FY 75 are products such as printed circuit masters, negatives for reproduction, Cronaflex for dry copy masters, 105mm microfilms of engineering drawings, Vugraphs, and mounted slides. In addition, more than 850 high resolution plates, reticles, metalphotos and photomicrographs were produced in support of such projects as AIM-9L and Surface Acoustic Wave Approval and funding has been obtained studies.

Devereaux stated that the division's goal analyzer. This equipment should be in- for FY 76 is to provide continued high stalled and in use by about the end of the quality service with improved laboratory year which will help to reduce the current turn-around time and to continue to reduce backlog. This backlog exists because much costs to the customer. He hopes to ac-

complish this through mechanization of facilities.

Devereaux also serves as chairman of the Center's Executive Photographic Council. It is through this council that he hopes to further unify the Center's photographic operations and to provide an improved mechanism for communicating information on photographic capabilities and services.

Teachers will return Tuesday to prepare for school opening

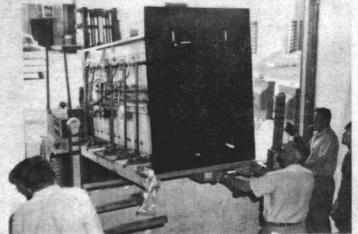
In preparation for the re-opening of schools on Sept. 10, teachers of the Sierra Sands Unified School District will be back on the job on Tuesday through Friday of next week.

A teachers' meeting for instructors in the kindergarten through eighth grades is scheduled next Wednesday, Sept. 3, from 1 to 3 p.m. at the Burroughs High School Lecture Center.

This get-together will be followed by a meeting of all Sierra Sands Unified School District personnel (teachers, administrators and classified personnel) that will begin at 3 p.m. on Sept. 3, also in the high school lecture center.



NEW FILM PROCESSOR ON ITS WAY - The photo at left shows huge machine is being moved into Michelson Laboratory through workmen preparing for the installation of the new motion picture a window. The new processor has enhanced the photo lab's film processor now in use at the Motion Picture Lab. At right, the capabilities.



Results of Incentive Awards Program reported

Incentive Awards Program for the period from July 1, 1974, through June 30, 1975, were made available recently by the NWC Personnel Department.

The various categories of awards covered in this report are Beneficial Suggestions. inventions, Superior Achievements (mostly

BENEFICIAL SUGGESTIONS

OFFICE OF FINANCE AND MANAGEMENT -Benjamin E. Brown and Gale G. Poppen.

SUPPLY - William E. Beckerdite, Norman M. Lahr, Norman C. Read, Elmer Cox and Wesley Stewart.

FUZE - James Bennison, Harold V. Parsons, Larry F. Brauer, Wilbur B. Lunt, Donald R. Leonard and Rudolph Shepard.

TEST AND EVALUATION - Robert C. Burks, Douglas F. Driscoll, Dennis L. Wood, Willard E. Platt, William Wagner, Jr. and Kenneth G. Stephens. TECHNICAL INFORMATION - Veima M. Pickrell and

Mary E. Plauson. ENGINEERING - Jack V. Burgin, Angelo J. Spencer,

Charles F. Knowles and James H. I. Lewis. PUBLIC WORKS - Fred Anderson, James B. Asher, Junior L. Belvin, Ervin L. Plunkett, Frank B. Campanaro, Lloyd S. Coleman, Jr., Howard W. Collins, Robert D. Douglas, George J. Gibson, Joseph A. Jaramillo, Henry M. Linsea, Robert J. Babbins, Michael J. Albers, L. W. Martin, E. Montgomery, Sterling H. McCaughan, Suzanne S. McFarlane, Vernon F. Nielson, James L. Peachee, Sr., George Perrige, Robert Babines, Winfred A. Watts, Bobby Wilhelm and Ralph S. Taylor.

SECURITY - Michael L. Smith

SUPERIOR ACHIEVEMENTS (INVENTIONS)

SURFACE MISSILES - Louis Alpert, Michael K. Giles, Myren L. Iverson and Richard M. Smith. FUZE DEPARTMENT - Matthew E. Anderson, Stephen L. Redmond, Theodore N. Bryla, John Freeland,

Herman R. Kollmeyer, Kenneth B. Labaw, Gary D. Lowe, Willard P. Webster, William R. Magorian, Roy L. Nichols and Wallis L. Teeter. ELECTRONIC WARFARE - Frederick C. Alpers,

Robert G. Corzine, Donald D. Daniel, Roger V. Wilcox, John A. Downs, Belmont Frisbee, Jr., George S. Handler, Waily Haw, Richard Smith Hughes, Reuben E. Nyswander, Harold W. Swinford, Criley Orton, Allen D. Ehresman and Larry C. Raper.

AIRCRAFT SYSTEMS - Paul H. Amundson, Prescott D. Crout, Lawrence E. Biggs, Jr., James E. Blair, Orville J. Saholt, Ralph E. Brewer, Edward J. Davis, Curtis A. Hamilton, Eugene R. Scheer, Edward J. Cleary, Roy D. Cole, Edward J. Davis, Keith L. Gardner, Kenneth B. LaBaw, William A. Gey, Ray F. Hinton, Lloyd J. Holt, Clayton E. Panlaqui, David W. Kermode, James B. King, Richard G. Moe, Marc L. Moulton, Criley Orton, Richard G. Bahler, Donald W. Peterson, John A. Knecht, Henry N. Adaniya, John Peterson, P. J. Rainsberger, Albert Ward Rentz, Chesley Clark, James P. Diebold, Judson B. Eldridge, Albert W. Rentz, Lloyd J. Jackson, Robert C. Willard, Vernon D. Burklund, Warren K. Smith, Edward A. Teppo, Leonard R. Haugen, Edward A. Teppo, William H. Thielbahr, Bernard Wasserman, Virgil E. Thomas, Jr., Donald G. Quist, Barry S. Todd, Warner G. Hueber, Nadim P. Totah, William H. Woodworth, Robert D. Cunningham Jack A. Crawford, James H. Whittinton, Hughes M. Zenor and John C. Weaver.

PROPULSION DEVELOPMENT - John D. Braun, M. Frank Pickett, Howard W. Gerrish, Jr., Hans B. Johnassen, John E. Bush, Leland M. Horgan, Ronald F Dettling, John E. Bush, Thomas R. Zulkowski, James P. Diebold, Davis B. Finneman, Kenneth R. Foote, George S. Handler, Daniel L. Harp, Warren P. Forehner, Elmer J Rhyn, Robert J. Geres, Lee M. Gilbert, Martin H. Kaufman, Edward M. Roy, Nick Kleinschmidt, James V. Netzer, Guy W. Leonard, Hubert M. Ross, Roger L. Miller, Paul L. O'Neill, Edward A. Panella, Harold M. Platzek, Russell Reed, Horace D. Stanton, Ronald E. Smith, LeRoy M. Stayton, Theodore L. Herling, Robert A. Gould, Bar bara A. Scott, Reba C. Ward, Lilly E. Koch, Bernard Wasserman, Allen T. Robinson, William H. Theilbahr Robert C. Willard, Harold L. Dauer, and Ronald C. Noles. AIR WEAPONS - Edwin M. Allen, William C. Fitz-

gerald, Marino Melsted, Bruce Bartels, John Hiltrop Larry Liedtke, Russell Trovinger, Jon H. Bumgardner, Floyd Kinder and Henry T. Weisbrich.

ENGINEERING - David L. Bergman, Marvin E.

formance, and Outstanding Performance

During Fiscal Year 1975, 180 employees submitted ideas for Beneficial Suggestions awards. Of this total, 43 were adopted that resulted in estimated tangible savings of

\$29,639 during their first year of use. The employees who submitted the

McGowan, Wayne G. Zellmer, Roland W. Robbins, Jr., Leonard G. Terrall, William E. Sake, Willard P. Webster, Pasquale R. Zagala, Bill Moore and Vincent J. Taylor. RESEARCH - Arnold Adicoff, Ronald L. Atkins, Peter

R. Hammond, Carl F. Austin, Carl C. Halsey, Samuel W. Kendall, Harold E. Bennett, Marion J. Soileau, Jr., Everett M. Bens, Lloyd J. Holt, Thomas L. Boggs, Jack L. Prentice, Donald E. Zurn, Harold Bradley, Nicholas Bottka, Ed Teppo, Victor Rehn, Nicholas Bottka, Lynn D. Hutcheson, Dr. Aaron N. Fletcher, Marian E. Hills, William M. Ayres, Robert T. Hintz, Fred T. Rogers, Richard Swart Hughes, Julian L. Thompson, James L. Jernigan, Russell R. Van Devender, Jr., Joseph H. Johnson, Alvin S. Gordon, William P. Norris, Reinhold Kratzer, Kazimiera J. L. Paciorek, William S. McEwan, Hans B. Jonassen, Charles M. Drew, Thomas L. Mc-Mahon, Arold K. Green, Warren J. Murbach, Arnold T. Nielsen, Herbert P. Richter, Carl A. Heller, Ruth E. Tedrick, Carl A. Heller, Anthony San Miguel, Klaus C. Schadow, Marion L. Scott and Robert G. S. Sewell. SUPERIOR ACHIEVEMENT

AWARDS

COMMUNICATIONS - Earlone P. Ayers, Donald A. Fredette, Donna B. Long, Sylvia C. Oliver and Bernadine L. Reeves.

WEAPONS PLANNING GROUP - Dr. Robert F. Rowntree

SUPPLY - George L. Bowles, Norma J. Fortune, Shirley M. Leavell, Walter J. Sulek, Donna M. Gonder, Marvin R. Cornelius, Larry E. McKune, Terre W. Graham, Vernon H. Ender, William A. Murphy, Roberta K. Payne, Lois R. Herrington, Eddie J. Valerio, Mary J. Higley, Leah C. Taves, Frances L. Simpson, Woodrow F. Bertine, Rueben R. Brown, Garland E. Burden, Richard L. Connell, Paul F. Lewis, Jonas Major, Richard S. Nordell, Wilburn M. Rowell, Carl Schroeder, Elmo E. Slaton, Alfred I, Stevens, Darrell G. West, Larry F. Brauer, Robert R. Durrell and Howard S. Zimmerman.

ELECTRONIC WARFARE - William E. Cope, Thomas L. Leak, Elvy R. Hopkins, Arnold D. Doty, Nolan L. Hess, Karen L. Roeser, Gary Erickson, J. Thomas Conaway, Ronald Gotzler, Michael Murphy, Richard S. Hughes, Everett K. Jenne, R. G. Sewell, W. R. Magorian, H. L. Jaeger, G. E. Ryno, M. E. Anderson and Alvis E. Woolam. TEST AND EVALUATION - Jackie R. Brown, Lawrence E. Christain, Harold F. Cummins, Lowell P.

King, Robert L. Mills, Allen E. Smith, James J. Webb, James S. Wooley, Robert L. Brown, Ronald J. Cohn, Tommy E. Doyel, Whitney P. Reeve, William K. Walden. Mike (Kiyoshi) Fujiwara, Jo Cherry, Patty J. Graham and Joan A. Tiptor AIRCRAFT SYSTEMS - Daniel C. Allen, Frank A.

Bachinski, Woodrow D. Chartier, Jr., Charles H. Hill, Francis L. Thomson, Reed H. Barlow, R. H. Booth, George D. Goetz, Jacqueline Harrison, Edward L. Jeter, Robert F. Lange, Leland L. Law, James D. Ross, Robert E. Westbrook, Jack L. Williams. Ruth O'Neil, Louise A. Schlinkert, L. G. Shanteler, C. E. Burkey, D. W. Elliott, C. E. Owen, O. L. Davis, R. D. Berry, J. R. Basden, R. B. Seeley, A. L. Russell, A. C. Koch, G. Fujiwara, V. E. Thomas, L. L. Kielman, R. E. Fryer, F. K. Ikenoyama and J. E. Loper.

PROPULSION DEVELOPMENT - Robert A. Gould. AIR WEAPONS - Steven E. Ayler, Truman G. Bergman, Jack Bates, Gordon Chantler, Arthur E. Clayson, Dwight L. Dennis, Kathleen D. Franze, Larry L. Jeffris, Asenath Keith and Wayne Tanaka.

TECHNICAL INFORMATION - June S. Deatherage, Nancy S. Glover, James B. Downard, Elaine M. Kapka, Patricia J. Gallup, Robert D. Glenn, Mark C. Thoms, L. Rita Pirozek, Ella M. Foust, Jon P. Partin, John Y. Ito, Kenneth J. Ford, Lorraine B. Fuller, Lawrence W. Scholl, Jr., Robert W. Martin, Jack M. Christensen, Alvoid Wiggins, Louis DiCroce, Jr. and Patricia A. Sorensen. RESEARCH - James W. Bethke and William S. McEwan.

PERSONNEL - Bruce D. Bonbright. PUBLIC WORKS - J. D. Adams, E. T. Allen, E. T. Anderson, R. W. Biscailuz, E. L. Plunkett, G. L. Robins, R

Results of the Naval Weapons Center's group awards), Sustained Superior Per- Beneficial Suggestions received cash Achievement awards. awards totalling \$4,395 for their ideas. In the field of inventions, a total of 154 presented Sustained Superior Performance

patents or additional patent awards were Awards pocketed \$51,412 for their expresented during the past fiscal year to ceptional efforts. employees whose work brought them a The various awards presented, and the grand total of \$14,550, while \$19,445 was recipients (by department) were as divided among the recipients of Superior follows:

D. Blair, M. L. Blowers, M. L. Egbert, J. W. Gorge, K. S. Pott, D. E. Fifer, M. Ivancovich, L. S. Enriquiz, E. E. Blurton, B. J. Martin, F. D. Wegley, E. L. McDowell, R. M. Johnson, C. A. Nyholm, M. F. Hinoiosa, R. R. Clodt, N. M. Hammon, L. D. Pipkin, K. H. Sorensen, Richard Alford, Warren C. Berry, Lynn Davis, Stanley L. Embree, Allen A. Baker, Nolan R. Clawson, Carroll L. McCarty, Walter E. Burfeindt, Alfred Carrasco, Melvin L. Blagg, Nathaniel F. Davis, James F. Elliott, Dugan Hanson, Gerald N. Jones, Thomas A. Mullen, Brannon Peterson, Robert L. Schroers, Phillip H. Weeks, Thomas A. Wilson, Edward E. Burris, Harry E. Hamilton, Leroy D. Christinger, Edwin H. Hogue, Jerry L. Morrison, Bill Richardson, Claude D. Robbs, R. G. Diaz, H. M. Truesdell, F. D. Lori, C. H. Westbrook, Robert N. Waters, Jimmie D. Morse, Glenn O. McClatchey, Mankin Logan, Bobby Y. Wilhelm, Albert D. Gladson, Fredrick E. Stahlman, Cleophas Stuart, Alonzo I. Gage, John J. Harven, Don W. Rodgers, Leo A. Rioux, Milo P. Saulter, Nathaniel H. Berkshire, Robert W. Cook, William E. Devers, Danny R. Morse, Roy D. Lauderdale, Danny A. Callaway, Miller A. Flournoy, Charles L. Eliseo A. Arellano, Sydney R. Blowers, O. J. Cowles, Charles R. Pappe, William F. Carlson, John M. Hart and Leonard T. Lesniak.

SUSTAINED SUPERIOR PERFORMANCE AWARDS

OFFICE OF COMMANDER - Pauline McLeod and Richard M. Johnson.

WEAPONS PLANNING GROUP - Miriam Cartwright, John M. Robbins and Karl D. Simecka.

OFFICE OF FINANCE AND MANAGEMENT - Peggy A. Blue, John Bodenburg, Donald R. Bridges, Jo A. Cherry, John D. Emery, Lola Fulks, Allen R. Marine and John M. Simpson

NAVAL AIR FACILITY - Edith E. Haley and Florence M. Joles SUPPLY - Verna J. Baker, William J. Baker, Floyd R.

Castillo, Charlotte J. Eady, Helen M. Eaton, Diane L. Foster, Betty J. Gale, James G. Harbin, Bryan L. Hill, Verna Pippen and Lyal D. Viers. SURFACE MISSILES - Syrell B. Arentz, Darrell J.

Grandjean, John L. Low, Gerald O. Miller, Harold Schmeer, Charles F. Smith and Forrest A. Thomas.

FUZE - Donald R. LaBonte, Clarence A. Merzals, Diana T. Allen, Lucy L. Allen, John Ammon, Leo V. Barglowski, Robert K. Brown, Keith R. Bucher, William A. Burns, Dwaine K. Campbell, Raymond S. Caruso, Jay W. Chun, Delmer D. Cox, Kennerly W. Funk, Robert L. Hickins, Virginia L. Martin, Alvin J. Mendonca and James S. Smith

TEST AND EVALUATION - John W. Billips, David P. Bulgarelli, Marian M. Chartier, Virginia R. Cozzens, Cecil T. Daley, Maxine L. Deem, Albert P. Dominguez, Lonnie J. Dinwiddie, John F. Fath, Robin C. Fuller, Wendell J. Groom, Isidore Klein, Richard D. Krausman, Robert G. Kruse, Mariel F. McEwan, Edward Mierta, Norman L. Nelsen, Willard E. Platt, Roy M. Pullen, Robert E. Rockwell, Jr., Samuel R. Schoenhals, Richard F. Truax, Lyman G. Vance, Jr., and Dennis J. Vavricka.

AIRCRAFT SYSTEMS - Paul H. Amundson, Hugh G. Chase, Alvin L. Cleland, Betty A. Clary, W. Richard Compton, Thomas A. Demay, Conrad Driussi, Walton E. Frederick, Thomas A. Gerrard, Bruno J. Gorrono, Lorraine A. Gunther, Paul B. Homer, Ronald W. Jones, Edward B. Niccum, John B. Patton, Richard G. Purcell, Eduardo S. Romero, Virginia Sappington, Joanne E. Semore, William H. Smith, Wendy S. Sumrall, James Takahashi, William H. Thielbahr and Donald H. Wheeler. PROPULSION DEVELOPMENT - Victor Albers, Albert W. Duwell, Francis W. George, Theodore A. Hicks,

A. P. Holbert, Barbara A. Jackson, Mary A. Lyons, Sakaye Matsuda, Stanley R. Miller, Warren W. Oshell, D. W. Pinkerton, Eugene V. Richison and J. M. Wooten. AIR WEAPONS - Harold G. Cook, William C. Davis and

Roy M. Kartzmark. TECHNICAL INFORMATION - Elizabeth Babcock, Minchen D. Strang, Mary K. Thoms and Daniel L. Zurn. ENGINEERING - Beverly E. Boutwell, Francis L.

PERSONNEL - Nancy S. Cleland, Bernard F. Conolly, Eunice D. Crookshanks, Alice L. Day, Leroy L. Doig, Joseph W. Helgerson, Sue P. Prasolowicz, Dixie T. beth Sodergren and George S PUBLIC WORKS - Fred Anderson, Robert F. Barling, Chesworth, Harold Cline, Vaughn Corbridge, Edward C.

Carlisle, Ernest G. Cozzens and Angelo J. Spencer. George P. Steinhauer Catherine Bell, E. E. Burkholder, Clyde Burum, Willard J. Aurelia A. Arriola, Ellen M. Baker, Charles S. Blackmon, Duff, Paul O. Erickson, Carol Ferrone, J. E. Foster, Ernie Robert W. Gunn, Natalie V. Harrison, Cecil M. Kirk-T. Freew, Robert F. Fuller, Dennis T. Garrett, Timothy patrick, Estela Q. Paine, Robert L. White and Robert J. Whiting.

Halcomb, Gordon Hannon, John Howery, Margin A. Hunter, Fay W. Jones, Zane Lancaster, Edward Larosche, Richard D. Malone, Arthur J. Martin, Thomas R. McCoy, David C. McKinney, Charles Norrington, Max Norris, Harry S. Raney, Arthur H. Senn, Louis E. Steinhoff, Delbert A. Sweany, Jr., John P. Trowbridge, Roger E. Trucotte, H. M. Truesdell, Jerry D. West, Joseph W Weston and Francis E. Youngblood

Additionally, 175 employees who were

SECURITY - Ted Copeland OUTSTANDING PERFORMÁNCES

OFFICE OF COMMANDER - Frank Cartwright, Bernard F. Connolly, Dr. G. L. Hollingsworth, Richard M. Johnson, Harlan D. Parode and Donna Joan Richey. OFFICE OF FINANCE AND MANAGEMENT - Ruth J. Dunn, Theresa E. Gonzales, David A. Bennion, Edna M. Easterling, Mary L. Mullins, Albie H. Slay, Monroe B. Sorge, Louis D. Thompson and Wesley R. Wharton. NAVAL AIR FACILITY - Rita M. Glover and Ellen Joyce Solibakke.

SUPPLY - Verna J. Baker, William J. Baker, Charlotte J. Eady, Diane L. Foster, Betty J. Gale, James G. Harbin, Ida M. Rambo, Jeanne W. Scullin and Lyal D. Viers.

SURFACE MISSILES - Syrell B. Arentz, Eugene R. Brinkmeier, John M. Campbell, Robert L. Clapp, Randolph D. Coleman, Frank E. Goerlich, Darrell J. Grandjean, Curtis B. Hamre, John L. Low, Charles L. Maples, Alonzo S. Price, Alexander K. Rogers, Douglas Savage, Harold Schmeer, Charles F. Smith, Kenneth W. Specht and Forrest A. Thomas.

FUZE - John C. Billings, Richard E. Bird, Robert A. Boot, Robert R. Durrell, Vivian J. Estrada, Steven E. Fowler, Michael J. Gibeault, Thomas F. King, Edward W. Lauer, Joe A. McKenzie, Clarence A. Merzals and Arthur R. Skatvold

ELECTRONIC WARFARE - George A. Adair, Darwin E. Aldous, William F. Arnold, 111, Belmont Frisbee, Jr., Keith R. Bucher, Leslie E. Caffee, Dwaine K. Campbell, Charles F. Cook, Mark F. Durham, Robert B. Galvin, William E. Gillette, Dorothy E. Gould, Charles A. thorne, Malanie D. Hinds, Deanna C. Johnson, George W. Kreager, Jr., William H. McBride, Jr., Frank L. Schiefen, Gerald R. Schiefer, John B. Seybold, Anthony H Taylor, Verne C. Tracey, Richard O. White and Irvin K. Willard.

AIRCRAFT SYSTEMS - Frank A. Bachinski, William F. Ball, Jack R. Basden, Edward E. Benson, Carl E. Burkey, Alvin L. Cleland, Adelia E. Davis, Oscar L. Davis, Thomas A. Demay, Dean W. Elliott, Gregory D. Erdmann, Richard E. Fryer, Louis J. Glegerich, Rolf O. Gilbertson, Carl W. Hall, Harry E. Hamerdinger, Paul B. Homer, Leland L. Law, Deborah D. Lee, Ronald R. Lindemann, Allen P. McGowan, Harvey G. Nelson, Scott W. Pitcher, Allen L. Russell, Eduardo S. Romero, Ann Soto, Wendy S. Sumrall, Leona R. Walker and Robert E. Westbrook.

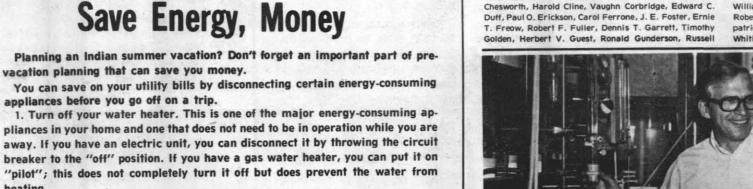
PROPULSION DEVELOPMENT - Alfred Celestine, Gordon A. Greene, Robert B. Hall, Norman H. Lundstro Kathleen P. Martin, Kenneth L. Moore, Gerald J. Panek, Richard L. Printy and Billy E. Walden. AIR WEAPONS — Dale L. Christensen, Goro Fujiwara,

Asenath J. Keith, Albert G. Kleinknecht, Bruce T. Lucas, Robert K. Page, Richard St. Clair and Edward A. Teppo. TECHNICAL INFORMATION - Don R. Yockey, Ronald Allen, Elizabeth Babcock, Randall C. Eady, Robert W. Mann, Beverly A. Meeker, Leo W. Mantano, Alvin D. Riedler, Marlene W. Ross, Sylvester M. Shelton, Barbara J. Slates, Daniel L. Zurn and Richard L. Zurn.

ENGINEERING - Dwight L. Atkinson, Charles W. Cutsinger, Max L. Dix, Kenny B. Foley, Herbert G. Hartman, Donald B. Hiles, James H. Irvine, Lothar G. Janetzko, Walter F. Kowalski, James M. Lee, Jon S. Lynd, Leslie W. Malnassy, Duane O. McConnell, Herbert H McKee, James H. McMahon, Daniel Meraz, Jr., Linda L. Minshew, Gordon R. Reymore, Richard A. Tolkmitt and William G. Tomaras.

RESEARCH - Edmond J. Ashley, Dan E. Bliss, Thomas L. Boggs, Don J. J. Chieze, Shelden D. Elliott, William N. Faith, V. Fay Fowler, Daniel T. Gillespie, Gilbert F. Kinney, Herbert P. Richter, Marion J. Soileau, Bernard A. Sword, Tommy L. Wright and Rena Y. Yee. PERSONNEL - Eunice D. Crookshanks, Dixie T. Shanahan, Lyle D. Shibley, Elizabeth Sodergren and

SECURITY - James Adams, Virginia L. Anderson William E. Davis, Sheila K. Dotson, Gerald C. Flagg



2. Turn off your thermostat to be sure that neither heat nor central air conditioning will cut on while you are away.

A Checklist To Help

3. Unplug your window air conditioning units.

vacation planning that can save you money.

appliances before you go off on a trip.

heating.

4. Unplug your television sets. The "instant-on" models use energy 24 hours a day, even when they are off.

5. If you are leaving for an extended period, you may want to clear out your refrigerator and turn it off. If you will be keeping food in the freezer section of the refrigerator, you can still save some energy by placing the refrigerator on a warmer setting.

6. Make sure all your small appliances are either disconnected or in the "off" position. As a safety precaution, you should also check all heat-producing appliances-the stove, the clothes dryer-to make sure they are off.



INVENTOR RECEIVES PATENT-Dr. William W. McEwan (at right), head of the Research Department's Chemistry Division, joins Dr. Arnold T. Nielsen, a research chemist, in examining laboratory work by Dr. Nielsen that resulted in the development of Monofunctional Differrocencyl Compounds. Such compounds are oxidant resistant and can be attached readily to solid rocket propellant binders for use as burning-rate modifiers. Dr. Nielsen's patent award was accompanied by a check for \$200. -Photo by Ron Allen

August 29, 1975

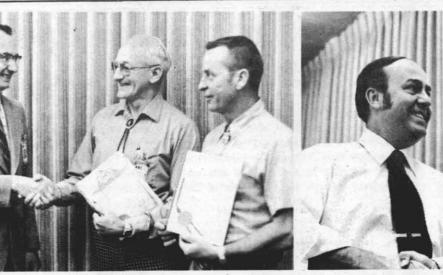
ROCKETEER

Page Five

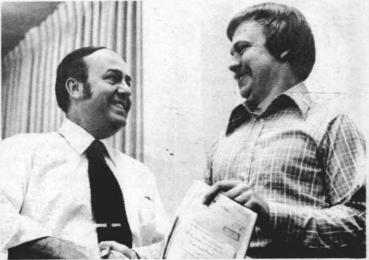
Necessity is the mother of invention

- 16th Century proverb

The Sailor, Scientist and Builder are of imagination all compact (With apologies to Shakespeare)



EMPLOYEES RECEIVE PATENT AWARD - A patent award the department's IR Weapons Systems Branch, while B. W. Hays to the patent, but was not available for the photo.



(photo at right), head of the Engineering Department, offers his for a "Laser Seeker Test Set" was shared recently by four congratulations to Eugene R. Scheer, head of the department's employees of the Naval Weapons Center. In the photo at left, C.P. Integrated Logistics Support Branch. A fourth man, Curtis A. Smith, head of the Air Weapons Department, congratulates Hamilton, of the Aircraft Systems Department's Aircraft Richard J. Davis and Ralph E. Brewer, who are both employed in Armament Integration Branch, also contributed to work that led



PATENT RECIPIENT CONGRATULATED - Dr. Arnold Adicoff (at left), associate head of the Research Department's Chemistry Division, congratulates Everett M. Bens, a research chemist in the Organic Chemistry Branch, after presenting him a patent award. Bens' patent, titled "Fluorescent Visual Augmentation Composition," makes it possible to form stable fluorescent clouds that can be made visible during the day or night. The clouds can be used for target -Photo by Tom Carter marking and impact identification.



WINS ADDITIONAL PATENT AWARD — Frederick C. Alpers (r.), a consultant to the Electronic Warfare Department, is congratulated by his department head, D. J. Russell, after he was notifed that he would receive an additional patent award and a check for \$100 for his invention, "High Resolution Range Tracking -Photo by Maurice Dias Circuit."



PATENT AWARDED - Dr. William H. Thielbahr, a mechanical engineer in the Aircraft Systems Department's Aerothermodynamics Branch (c.), holds a pair of patents awarded him recently for two inventions relating to the usage of a type of silicone elastomer. The awards were presented by Dr. M. M. "Peggy" Rogers (r.), head of the department, and Ray Van Aken, head of the Aeromechanics Division. The first patent was for a Powder Barrier Bonding Technique, which is a means for preventing certain materials in a solid propellant grain from migrating into the silicone rubber insulation. The second invention is called Partial Decomposition of Silicone Insulation to Prevent Backside Heating, and it relates to a method of heat treating silicone insulation to prevent it from failing as a combustor liner in severe aeroheating environments. Dr. Thielbahr has worked at NWC since June 1961. He came here with a bachelor's degree from California State University at Fresno, and has received a master's degree from UCLA and a doctorate from Stanford University since beginning his employment at China Lake.



HAPPY INVENTOR - Floyd Kinder (r.) smiled as he received a patent award from Chuck Smith, head of the Air Weapons Department, during a recent awards ceremony. Kinder, a physicist with the Advanced Design Branch, received the award for his design of a mobile aquatic sensor teleoperator (MAST). The MAST is a remotely controlled marine vehicle capable of high speed deployment with a range of 250 nautical miles. Kinder's design approach was for a lightweight vessel that was seaworthy under sea state 5 conditions (waves ranging from 6 to 9 ft. in height), that would maintain most of its functional capabilities through sea state 4 conditions (waves that are 4-5 ft. in height). As an on-station spar buoy, MAST becomes a platform for the operation of various sensors, such as hydrophone, radar, infra-red and electronic countermeasure equipment.