to thank each and every one of you.

Charity is a very personal and

important virtue and you have

proved it well. I have met many

fine people during this campaign

and have been exposed to the great

open-heartedness for which Center

and Federal employees are noted.

I want also to speak in behalf of

the agencies represented in the

CFC. Without your help they could

now render to those less fortunate

not do the many fine services they

To you keymen at the Branch

and Division level, a special

"thanks," for you are the ones who

did much of the conscientious work

in the campaign. The respon-

sibility of the department keymen

needed to conduct the campaign.

The Center management, and Lou

Gannaway, Ridgecrest Post-

master, deserve special mention

for their cooperation and support.

I want to thank Jim McGlothlin.

CFC coordinator, and Jesse Bell,

last year's chairman for their

advice and help; G. I. Voran, Janet

Palmer and Tillie Barling for their

publicity; Wade Allen for handling

the signboard; Russ Huse for his

art contributions; and Warren

Steltzmiller for his work as

treasurer: Rose Sawver for doing

the paperwork; and many others

The cooperation of the Rocketeer

staff, people from Radio Station

KLOA, and the Valley Independent

I guess it is summed up best by

saying publicly to all who have had

A HAPPY

· THANKSGIVING ·

TO ALL

(s) Stanley G. Reynolds

for special contributions.

deserves special mention.

Helping Hand."

"The Pursuit of Happiness," and "The Smile of Reason," are the two film offerings in the "Civilisation" series for Nov. 29 and 30. The films will be shown at 2 and 7:30 p.m. each day at the Community Center.

"The Pursuit of Happiness" is devoted largely to the music of Bach, Handel, Mozart and Haydn. The "Messiah" and the "St. Matthew Passion" are recorded for the enjoyment of film-goers. Included in the film are the settings of Rococo architecture and the decorations of the great Italian artist Battista Tiepolo.

The art and sculpture of the 18th Century, from Holland, England and the French courts, is featured in "The Smile of Reason," the second film on the weekly fare. The works of Van Loo, Hogarth, and David highlight the film.

dates (Dec. 6-7), the last three films in the series will be presented. They are entitled "The Worship of Nature," "The Fallacies of Hope," and "Heroic

Romantics like Rousseau, Goethe and Wordsworth, artists Constable and Friederich and Turner, are depicted in the first film. The dreams of the 18th Century were blasted by the betrayals of the 19th Century, and Clark captures this on film in the second offering.

The music of Beethoven, the art of Monet, Cezanne, Van Gogh and Gaugin, the early French Impressionist time, war and imperialism, all are the subjects of "The Fallacies of Hope."

Modern man, what he has inherited, what he plans, is the subject of the final film, which centers on skyscrapers, the suspension bridge, and machines. Man's unique talent for survival, says Clark, and the violence of nature, are captured in this film.

Seats, priced at \$1 per person, are still available, according to Art Amos, manager of the Community Center. "Civilisation" is sponsored by Special Services, headed by O.

### Four Local Youths Win Judo Medals

Four local area youngsters won second place silver medals in a judo contest for youths 7 to 13 years of age that was held this past Sunday at Antelope Valley Junior College in Lancaster.

The local medal winners were Jim Arisman, Ralph Pais, Mark Pohl and Anthony Rizzardini.

Other local youths who entered the contest were Pat Arisman, William and Bruce Brown, Mark Cope, Lloyd Handler, Larry Gulick, Keith Knowles, Kevin and Curt Reese and Russ Stedman. Adults from the China Lake-

Ridgecrest area who served as officials in Lancaster were Chuck Knowles, timer; George Handler, scorer, and Margaret Gulick. judge. The tournament was hosted by the Antelope Valley Judo Club.

New classes for students of judo are now getting under way. Anyone between 5 or 6 years of age on up who is interested is invited to enroll on Tuesday or Thursday nights, starting at 6, in the upstairs room at the Burroughs High gym.



CFC DRIVE A SUCCESS-Rear Adm. W. J. Moran (at left), Commander of the Naval Weapons Center, discusses the results of the recently completed Combined Federal Capaign with Janet Palmer, a member of the publicity team, and Stanley Reynolds, general chairman of the drive. "My congratulations to all the people who worked on the campaign, and to all employees who contributed," Admiral Moran said.

# Open Letter To For the final two performance All NWC Employees

The fiscal 1972 Combined exceptionally fine support, and I Federal Campaign is now officially over. It has been successful. Over \$74,000 has been pledged by you fine folks to the charity organizations represented in the

While not quite as large a percentage participated, the average donation was higher than last year. and considering the employment situation and the general economic uncertainty, the results are highly

As your general chairman, it has been my good fortune to have had

### Fund Drive . . .

(Continued from Page 1) ported during the campaign as having achieved the goal. They

Code 28, the Commissary Store, with 22 employees. Alice Reyes was their keyman. Code 1765, the Disbursing Branch with 18 employees under Shirley Ebersberger, keyman. Code 172, the Management Division with 18 employees under Marvin Guthrie, keyman. The Patent Counsel, Code 95, where Phyllis Hall keyman, had 9 employees. The Safety Department, Code 22. Keyman Alice Parker reported 16 employees. And Code 50, the staff of the Fuze Department, 12 employees under

keyman Herwil Bryant. Breakdown of the total monies show the following distribution: \$17,979 has been specifically designated for the United Fund; \$12,041 is marked for the National Health Agencies; and \$3,029 will be allotted to the International Ser-

vice Agencies. In accordance with previous arrangements, the undesignated a part in the CFC, "Thanks for funds will be divided on the ratio of proving that 'Happiness is a 72 per cent to the United Fund, 18.5 per cent to National Health Agencies, and 9.5 per cent to International Service Agencies. Undesignated funds total \$39,991

in the current accounting totals. According to Jim McGlothlin, Chairman of the Coordinating Committee for the CFC, the present figures probably will increase. "Experience in the past," he says, "shows that there are almost always several donations that arrive after the drive is over."

Payroll deduction was by far the most popular method of designating payment, with \$56,720 being handled that way.



The objective of the ratings is to inform ntent for viewing by their children. (G) - ALL AGES ADMITTED

General Audiences
(GP) - ALL AGES ADMITTED

(R) - RESTRICTED Under 17 requires accompany-ing Parent or Adult Guardian

"KELLY'S HEROES" (144 Min) "KELLY'S HEROES" (144 Min)
Clint Eastwood, Donald Sutherland
(War-Comedy) THE FUN-FILM OF THE
YEAR? Clint and Donald (M.A.S.H.)
Sutherland, the latter as Oddball, a zany Tank
Commander, go on a personal TAD after a
vault of gold bars held by the Germans-and
almost win the war! Their hilarious 30 mile
advance into enemy territory is a put-on
classic. (Rated GP)

No Short Subjects

THERE WILL BE NO MATINEE TODAY -EVENING-MISS RIDGECREST. CHINA LAKE PAGEANT (8 p.m.)

21-22 NOVEMBER "THE LAWMAN" (98 Min)

Burt Lancaster, Robert Ryan, Lee J. Cobb (Western) Straight-shootin' marshal who gets his man at any cost goes into a town to arrest the local leading citizen and runs into the paid-off sheriff. The arm of the law is long and mighty F-A-S-T!

would like to take this opportunity 23-24 Novemi "LITTLE BIG MAN" (139 Min)

Dustin Hoffman, Faye Dunaway
(Western-Satire) The tragic-comic history of Center. Indian-white man relations as recalled by a warrior, swindler, gunfighter, mule skinner and the sole survivor of the Little Big Horn. DON'T MISS THIS FILM OF THE YEAR!

25 NOVEMBER "SKULLDUGGERY" (105 Min)

Burt Reynolds, Susan Clark
(Adventure) The expedition probed the eerie
wilds of the New Guinea jungle and discovered
half-human, half-ape Tropis-The "missing
link?" Their discovery leads to an emotional
court trial regarding race and rights. (Rated
GP) "Woody's Magic Touch" (7 Min)

FRI & SAT "INVESTIGATION OF A CITIZEN ABOVE SUSPICION" (115 Min)

Gian Maria Volante, Florinda Bolkan can place him above suspicion of the crime. An unusual twist in an award film. (Rated R) No Short Subjects

#### is much appreciated too, as is the Kegler's . . . help of the department heads who authorized the expenditure of time

(Continued from Page 10) TURKEY SHOOT RESULTS

Alice Cutsinger and Steven Harry rolled an 857 series to finish three pins ahead of Alex Ribultan and Sherry Ray in the Turkey Shoot held last weekend. Ray Freascher and Jeanne Freascher had an 849 for third spot. Happy Thanksgiving!

THEORY DESTROYED

Against my advice my son got his 121/2lb. ball and promptly rolled a 499 series last Saturday in the Bantam League. I keep trying to tell him it's too heavy and he keeps putting it in the pocket. Back to the drawing board.

Have you seen RC's bandage? What was he doing, anyway?

# Gym To Close

Ray Gier, NWC recreation director, has announced that the gymnasium will be closed the week of Nov. 22 for the purpose of resurfacing the floor. It will reopen on Saturday, Nov. 27, at 11 a.m. in 40 years.

# Sam Yorty To Speak Here Monday

Sam Yorty, mayor of Los Angeles since 1961, who announced Tuesday that he is a candidate for the Democratic Party's nomination for President, will be the speaker at a meeting scheduled Monday night, starting at 8:15, at the Burroughs High School Lecture



Sam Yorty

Arrangements for Mayor Yorty's appearance here for a talk about current unemployment in the aerospace industry and defense work in Southern California, were made by officials of the China Lake Chapter of the American Institute of Aeronautics and Astronautics and the American Society for Public Administration.

Admission to the Lecture Center to hear Mayor Yorty's talk will be by donations of \$1 for adults and 50 cents for students. Any money that is raised in excess of the amount needed to cover the expense involved in bringing Yorty here will be donated to the Combined Federal Campaign.

The controversial municipal administrator, sometimes called the "maverick mayor," will be the guest of the AIAA and ASPA at a dinner that is scheduled from 6:30 to 8 p.m. Monday at The Hideaway in Ridgecrest.

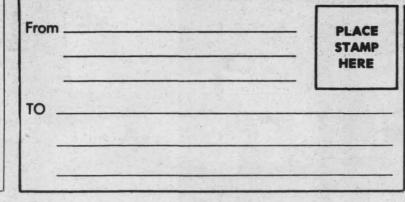
Members and wives of AIAA and ASPA members are invited to attend the dinner, but must make reservations in advance.

Yorty, who was re-elected in 1969 to his third four-year term as Mayor of Los Angeles, launched his political career in 1936 when he won a seat in the California State Assembly as representative of the 64th District.

He also has served two terms in Congress, where he represented California's 14th Congressional District, but failed in his 1954 bid for the U.S. Senate when he was defeated by Sen. Thomas Kuchel.

In 1961, Yorty entered the mayoralty race in Los Angeles and defeated Norris Poulson, the incumbent, to become L.A.'s first Democratic Party chief executive

The M. Wallerick Water





Vol. XXVI No. 46

"Pop" Lofinck Dies ...........2 Beauty Pageant Slated ......3 Aircraft Survivability Tested .4 Photos of '49er Encampment ... 5 Insurance Premiums Hiked ...6 Yule Parade Entries Sought ... 7 Pay Boost Takes Effect ......8 Physicist Presents Paper .....9 School Trustee Election Set .. 11 Mayor Yorty To Speak Here . . 12

# Astronauts Train Here for Mission to Moon Experience Gained in Geological

The Phase II plans call for con-

struction of libraries and activity

buildings at Groves, Pierce, Rich-

mond and Vieweg Elementary

Schools, as well as a classroom for

the educationally handicapped at

Pierce School and a new music

Based on information that he

received in Washington during

talks with a member of the

President's Cost of Living Council,

Pinney gave instructions Monday

for incorporating a 5.6 per cent pay

facility at Murray School.



ASTRONAUTS UNDERGO TRAINING—Desert terrain similar to the moon's volcanic highlands was given a careful scrutiny this week by Capt. John W. Young, USN, and Lt. Col Charles M. Duke, USAF, two of the three members of the Apollo 16 prime crew. The Astronauts were here on Wednesday and Thursday for training in geological exploration work identical to that they will be doing next March on

# **HEW Officials Give Approval To** School for Exceptional Children

Information that approval has been granted by the U.S. Department of Health, Education and Welfare for the funding of a school for exceptional children, which is to be built at China Lake, was brought back this week from Washington, D.C., by Grant Pinney, assistant superintendent for business of the China Lake

# **Test Results** Show Local **Pupils Tops**

The position of the China Lake Elementary School District as a said. leader among school districts in Kern County was established by the recently-announced results of statewide tests that were given in handicapped, trainable retarded May of last year.

Public Instruction, students in the needs of those in attendance. Kern County to make such a mark. Public Law 815.

Students of the first, second, and mathematics.

in the tests on a scale from a low of building program. reading and 87 in spelling.

"It's like a dream come true," Pinney remarked as he noted that the school for exceptional children, which will be Phase III of the total building program currently under way in the local elementary school district, is a project he has been working on for the past four years.

It's proposed that the school for exceptional children be located at Vieweg Elementary School, and an architect was here yesterday to see how much land will be needed for its development. If necessary, a request for additional land will be submitted to the Navy, Pinney

At the school for exceptional children, Pinney continued, there will be classrooms for the multichildren, aphasic and deaf According to information rece- youngsters all clustered around a ived from the office of Wilson therapy center that will be Riles, State Superintendent of equipped to meet the varying

China Lake School District placed The new school will be comin the top 10 percent in five of the pletely built and equipped by the state-mandated tests, and was the federal government with funds only elementary school district in provided under the provisions of

During his visit last week to the third and sixth grades were tested nation's capital, Pinney also in reading, while those in the sixth learned that HEW officials have grade also were tested in language approved preliminary plans for Phase II of the China Lake All school districts were ranked Elementary School District

1 to a high of 99. The median scores 
This action clears the way for the for the China Lake Elementary preparation of final working plans School District were (in reading), and later the calling for confirst grade, 92, second grade, 93, struction bids on the project. If it is and third grade, 92. Scores of 90 in possible to begin construction work language and mathematics were by next March, the new buildings posted by sixth graders at China that are included in the Phase II Lake, who also rated an 88 in program could be ready for occupancy next September, Pinney

### Exploration by Apollo 16 Crewmen Valuable experience in geolo- During practice sessions similar gical exploration work, such to those held here in April for the as they will be doing if all goes well benefit of the Apollo 15 astronauts, following their launch and flight to the prime and backup crews for the

the moon next March, was gained next U.S. manned flight to the by members of the prime crew for moon followed a routine that inthe Apollo 16 mission during a visit volved travel in a lunar rover Wednesday and Thursday to the vehicle (called "Grover"), as well local desert area.

Here for exercises that combined both training in geology and use of Duke, USAF, the lunar module

In addition to these two members of the Apollo 16 prime crew, also commander of the backup crew, and Capt. Edgar D. Mitchell, USN, the backup crew lunar module

Didn't Make Trip Since his part in the Apollo 16 will not involve landing on the moon, Lt. Cmdr. Thomas K. Mattingly II, USN, who is the command module pilot on the prime crew, was not

Capt. Young, who is 40, will be making his fourth space flight when Apollo 16 blasts off. He has flown on Geminis 3 and 10 and Apollo 10. Apollo 16 will be his first lunar landing mission.

This will be the first space flight for USAF Col. Duke, who was the backup lunar module pilot for Apollo 13, and space flight also will be something new for Lt. Cmdr. Mattingly, who was replaced as the prime command module pilot on Apollo 13 on the day before launch after being exposed to German as exploration on foot.

The tests on Wednesday and Thursday were held at McCloud 60mm and 500mm cameras which Flat (near Coso Hot Springs) and they will be equipped with during at Volcano Peak (a short distance what is planned as a three-day stay north of Little Lake) two locations on the moon were Capt. John W. that were chosen because the Young, USN, the Apollo 16 com- terrain closely approximates that mander, and Lt. Col. Charles M. of the moon's volcanic highlands where the Apollo 16 spacecraft will be landing.

The tests are primarily a visualization exercise, being here were Fred W. Haise, Jr., designed to test the astronauts' (Continued on Page 4)

### Total in CFC **Fund Drive** Hits \$7'4,000

With 58 per cent of Naval Weapons Center employees participating, the 1972 fiscal year Combined Federal Campaign total contributions for the Ridgecrest-China Lake area have exceeded the amount donated last year by more than \$3,000. And there are still a few contacts unreported.

The figure now stands at \$74,000, or an average of \$26 per donor.

Goal of the drive was 100 per cent participation. It became evident early that this was an "impossible dream," and the final participation percentage is actually lower than

Six units, however, were re-(Continued on Page 12)



CONGRATULATIONS IN ORDER—It was a proud and happy moment earlier this week for Glenn M. Stubbs, electronics technician 3rd class, when he was called into the office of Capt. H. D. Parode (at left), head of the Command Administration Department, to receive a \$200 Beneficial Suggestion award. ETN3 Stubbs, a Digital Subscriber Terminal Equipment (DSTE) repairman, is shown being congratulated by Capt. A. E. May, NWC Deputy Commander, while Lt. Cmdr. C. E. Richno, Communications Officer, looks on. ETN3 Stubbs designed a set of bushing removers for use in DSTE repair work. This idea has been submitted to the Naval Electronics Systems Command for possible Navy-wide application, the savings from which could result in a possible additional cash award for ETN3 Stubbs.



THANKSGIVING STORY HOUR—Danny Cripps does an Indian dance as the highlight of the Thanksgiving Story Hour at the NWC Library, to be held Saturday from 1 to 2 p.m. In the background, Jim Bunker, Steve Loraine and Bill Vuono take part in the ceremony. The boys are all members of the Musee Chapter, Yowlumne Lodge 303, Boy Scouts of America and belong to the Order of the Arrow. Marj Cruise will read the Thanksgiving Story, and parents of children ages 4 to 9 are urged to bring their children to the library for this special occasion.

### Center Library Lists New Books

A complete list of new books is available in

Readers are reminded that all employees egardless of residence, are eligible and most welcome to use the Center Library.

Du Maurier-Don't Look Now. Ehle-Journey of August King. Heyer-Envious Casa. Hitchcock-Stories Not for the Nervous. Slaughter-Code Five Ustinov-Krummage West-Summer of Red Wolf.

Non-Fiction Benet-Festive Recipes and Festival Menus. Campbell-Foreign Affairs Fudge Factory. Carter-Keeping Your Family Health

NWC Commander

Technical Director

C. E. Van Hagan

Jack C. Lindsey

Associate Editor

Jeanne Schreiber

PHI D. C. Manderscheid

Rocketeer does not necessarily reflect the

official views of the Department of Defense

Wren-Winners Got Scars Too. The Rocketeer Official Weekly Publication Naval Weapons Center China Lake, California RAdm. W. J. Moran, USN

### DIVINE SERVICES

**Dutton-Changing Sources of Power** 

Livesey-Anyone Can Go to College

Morrison-European Discovery of America

Saloma-Congress and the New Politics.

Tompkins-Secrets of the Great Pyramid

Winterburn-Technique of Hand-built Pottery

Enthoven-How Much Is Enough?

Grunberger-12-Year Reich.

Harrison-Earth Keeping.

Logan-Reluctant Prophet

Patterson-Black Theater

Shirai-Story of Pearls.

Sturdivant-Game Cookery

Voltz-California Cookbook

Pearson-Million Dollar Bugs

Phillips-Step-by-step Macrame

PROTESTANT Sunday School - All Ages Sunday Evening Bible Study Wednesday Bible Study Wednesday Teenage Bible Study Sunday School Classes are held in the Chapel Annexes 1, 2 & 4 (Dorms 5, 6, 8) located poosite the Center Restaurant.

ROMAN CATHOLIC 1700 fulfills Sunday obligation

Sunday

0700 0830 1115 BLESSED SACRAMENT CHAPEL

Daily except Saturday First Friday ONLY First Saturday ONLY 0830

CONFESSIONS 0800 to 0825 CCD CLASSES Sunday Kindergarten through 6th grades Wednesday 7th and 8th grades

PH3 Ronald G. Mills PHAN Daniel W. Yeatts As announced 9th through 12th grades Staff Photographers Note: The Chapel Nursery is located in Chapel DEADLINES: Annex 1, Room 4, across from the Center .Tuesday, 11:30 a.m. Restaurant, and is open without charge for Photographs children of parents attending Catholic Mass or The Rocketeer receives American Forces

Press Service material. All are official U.S. Navy photos unless otherwise identified EAST WING - ALL FAITH CHAPEL Printed weekly with appropriated funds by a mercial firm in compliance with NavExos riday 1st and 3rd ONLY P.35, revised July 1958. Office at Nimitz and Sabbath School 1000 to 1200 Lauritsen. Information published in the

Protestant Worship Services.

UNITARIANS CHAPEL ANNEX 95 . . 3354, 3355, 2347 Sunday Services

### PROMOTIONAL **OPPORTUNITIES**

ROCKETEER

mployees and should be filed with th persons named in the ad. All others desiring mployment with the Naval Weapons Cente y contact the Employment Division, Code 652, Extension 2069. Current application (SF-171) or Standard Form 172 should b submitted bringing your work history up to date if one has not been submitted within th last 6 months. The fact that positions are dvertised in this column does not preclude the use of other means to fill these position Part of the ranking process of those rated as appraisal form that will be sent to the mployees present and most recent previou pervisor. Selection shall be made withou scrimination for any nonmerit reason.

Instrument Maker (General) WG-33082-14, in the Optical Design Branch, Code 4056, Infrared Systems Division, Weapons Development Department. Fabricates electro optical seekers and electro optical instrumentation; makes various types of electrical, mechanical, electronic, and optical instruments for use in engineering development and experimental test work. These instruments are new, nonstandard applications for measuring system and equipment performance. Aligns, adjusts, tests and calibrates instruments. Devises and makes special tools, jigs fixture forming devices to fabricate, install and align com pleted instruments of varied nature and complexity. Job Relevant Criteria: Specialized machinist or model maker ex perience involving alignment or familiarity with electro optical equipment. Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standards in accordance with CSC Handbook X-118C.

Electronic Technician, GS-856, 9-11, PD No. 535014, Code 4081—This position is located in the Airborne Optical Devices Branch, Optical Sciences Division, Weapons Development Department. The position is in support of the electro optical and laser projects in the branch. Scope of the work includes the design, construction and test of electronic units for use with airborne systems, assisting engineers and physicists in organizing and conducting flight test operations, and evaluating equipment and techniques produced within the branch. Job Relevant Criteria: Prefer design capability, printed circuit board layout experience and familiarity with airborne equipmen Minimum Qualification Requirements: Two years general and four years specialized ex perience in accordance with CSC Handbook X-118. Advancement Potential: GS-11

Mechanical Assembler, WG-48048-7, (2 vacancies), Code 4056-Position is located in the Optical Design Branch, Optical Sciences Division, Weapons Development Department Incumbent will work in a whiteroom en vironment performing assembly operations of electro optical seekers, trackers, and search sets. Working from blueprints, diagrams and oral instructions the incumbent asse ssembles, rebuilds and calibrates optical seekers systems using measuring instruments such as micrometers, depth micrometers protractors plus test equipment such as optical comparators, bearing evaluation gear, dynamic balancing equipment, optical croscopes and optical alignment fixtures. Job Relevant Criteria: General machine shop experience or experience in the assembly o small and delicate components using hand tools common to precision assembly work and

specialized shop accessing tools. Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standards in accordance with the CSC Handbook X-118C. File applications with June Chipp, Bldg. 34, Rm. 206, Phone 2676.

Helper Motion Picture Film Processor, WP-39901-04, JD No. 111, Code 3032-The incumbent assists in operation of continuous motion picture film developing machines and associated equipment. The job involves handling classified film during processing and Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with CSC Handbook X-118C. Job Relevant Criteria: Position requires physical ability to lift bulk chemical containers up to 100 lb. Knowledge of basic photographic theory and practice is highly desireable. Ad-

vancement Potential: WP-12

Management Technician GS-344-4 or 5, PD No. 7130144, Code 30103—This position is in the Program Briefing Center of the Systems evelopment Department. Code 30103 duties provide administrative functions required to supply management with current information on fiscal and technical status of all programs in the department. The duties of the incumbent will include familiarization with all Code 30 projects, interviews with program managers for the purpose of obtaining factual information, writing and editing project in formation and presentation material, gathering of fiscal information, and updating the fiscal program on computer related equipment. Job Relevant Criteria: A good working knowledge of accounting principles, and organizational and administrative abilities are prerequisite. Qualification Requirements: For GS-4, 2 years general ex perience, for GS-5, 2 years general and 1 year

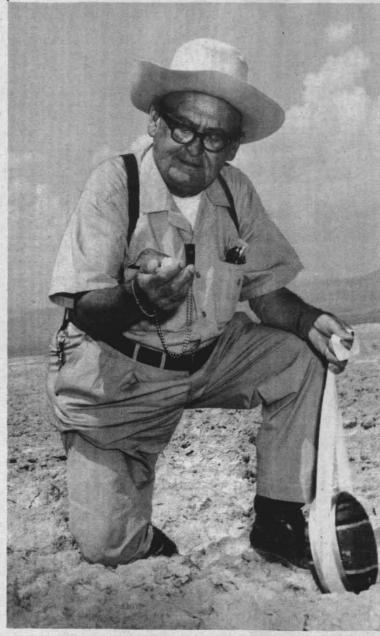
(Continued on Page 11)

File applications with Dora Childers, Code

specialized experience as outlined in X-118.

657, Room 212, Phone 2514.

## **Desert Philosopher Mourned**



'POP"LOFINCK, doing what he enjoyed most, fooling around in -Photo by Frederick L. Richards

# **'Pop' Lofinck Passes Away During Death Valley Visit**

Sewell "Pop" Lofinck, long-time range guard and ROCKETEER columnist, died last weekend while attending the annual Death Valley '49ers Encampment. "The Desert Philosopher," as he came to be known in his later years, was in the company of an old friend, Aaron C. Jones.

According to Jones, Pop passed away in his sleep at the Furnace Creek Ranch sometime early Saturday morning. Funeral services, attended by many of Pop's closest friends and co-workers, were held Wednesday morning at Lyons Mortuary in Ridgecrest. K. H. Robinson, former Head of the Technical Information Department (now retired) and past president of the Maturango Museum board of trustees, delivered the eulogy. Rev. Jerry Clapper of the Ridgecrest Foursquare Church, of-

Pop was born Sep. 18, 1890, in Manhattan, Kansas, but the call of the great outdoors was to lure him away at the tender age of 14, when he became a self-supporting fur trapper. When he was 15 years old Pop joined the migration of people to Oregon and Washington, but, as he put it, "There was too many trees there," so he returned to Kansas.

He visited his beloved desert for the first time in 1912 after joining a Department of Interior exploration party for the purpose of authenticating Mexican survey landmarks in the Imperial Valley, near

Seventeen years passed before he returned, driven by the depression to prospect for industrial metals. The final 42 years of his life were spent in

In 1944 he started work at the Naval Ordnance Test Station as a material inspector at the Pilot Plant. Shortly thereafter he became the NOTS Range Officer, and lived at Junction Ranch located on the North Range near the Darwin gate. Pop's duties were to patrol 1,700 square miles of the Station, protect the property, and sometimes, "the people on

During the 15 years he was employed as a range guard, Pop escorted distinguished visitors to the Center and groups of school children, scientists, archaeologists, historians, hunters, and others through the barren wasteland. A little sign he hung in the ROCKETEER office proclaimed him "Guardian of the Ranges and Very Important Persons." Pop formed many close associations during those years and became the friend of many of the Station's residents, both high and low.

But it was for his columns that the desert sage was known to most people. In one of his last columns, entitled "Life Is Sweet," Pop talked about his love for the desert and the many roles he had played in it prospector, miner, wanderer, observer and historian. The Maturango Museum Press published a book of Pop's columns, "Mojave Desert Ramblings," which was reviewed by E. I. Edwards in his own book, "The Enduring Desert."

(Continued on Page 11)

### Lofinck Mourned at NWC . . .

(Continued from Page 2)

Edwards said of Pop: "Sewell Lofinck's philosophy is a viable, pragmatic philosophy. It doesn't preach; it doesn't temporize; it doesn't equivocate. It comes straight from the shoulder and hits quick and hard like the jolt of a powerful stimulant. It kicks one back on his feet and implants the urge to get off the cushion and start walking again . . . "

Edwards continued, "The Lofinck column often goes deep. It sometimes has the Emersonian touch, and smacks of an Ingersoll, or an

Pop shrugged the praise off with "Well now, I knew I was good, I didn't know I was that good."

Pop's booming, resonant voice was something to hear, especially over the telephone. When seeking information for a column he would begin a telephone conversation with "Well, YOU know everything . . ." How could anyone refuse Pop what he wanted after that lead?

During his many years at China Lake, Pop associated himself with the various organizations and institutions that dealt with the desert and the perpetuation of its history. The Maturango Museum, the IWV Gem and Mineral Society, and the Death Valley '49ers, Inc., were three of his

Perhaps it is only fitting that Pop should end his days while attending a function of one of these groups. And he couldn't have asked for a better location. Death Valley was one of his favorite spots.

### Inspection Team Visits Center



CNM INSPECTION HELD-Vice Adm. G. E. Moore, II, head of the Chief of Navy Materiel Command Inspection Team, was greeted upon his arrival here last week by Rear Adm. W. J. Moran (at left), Commander of the Naval Weapons Center, and Capt. David Bryan, Jr., the team's assistant chief inspector. Purpose of this inspection, which is usually carried out once every three years, is to make an evaluation of the assigned missions, functions and tasks of the Naval Weapons Center. Capt. Bryan also is shown in photo below with Henry M. Fial, the inspection coordinator. The principal investigators, a group of 15 officials from Washington, were joined here by other team members from field installations.





ROCKETEER





SPECIAL ELECTION SET—Registered voters of the China Lake Elementary School District will have the opportunity on Tuesday to vote for their choice among three candidates who are seeking to fill the unexpired school trustee term of Dr. June Amlie, who has left the local area. The candidates are (from left) Mrs. Doris Dye, Jerry Maxwell and Mrs. Annalise Odencrantz. Both Mrs. Dye and Mrs. Odencrantz are housewives, while Maxwell is an employee development specialist in the Personnel Department's Employee Development Division. Polling places for the school trustee election will be located in Room 41 at Murray School and at Pierce and Vieweg Elementary School auditoriums. The polls will be

### PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Electronics Engineer, GS-855-9, Code 5043, PD No. 7150108—This position is located in Fuze Project Branch III, Development Division II. Fuze Department, Major duties and responsibilities include devising procedures and tests to determine the characteristics of components, electronic circuits or complete target detecting devices; designing electronic equipment for use in testing these items; and collecting, correlating and analyzing the data from laboratory and field tests. Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in the layout of printed circuit boards and the application of solid state devices including integrated circuits and lasing devices. A general understanding of basic fuzing principles is desired

Electronics Technician, GS-856-9 thru 11 (1) Vacancy, Code 5032 PD No. 7150077-This position is located in the Fuze Project Branch II, Development Division I, Fuze Department Incumbent designs and constructs experimental and development electronic systems to be used in or for the test of guided missile fuzes. He is responsible for the design and fabrication of circuitry and components based on practical applications of newly developed principles or concepts in fuzing tha result from basic research or design. Qualification Requirements: 2 years of

Clerk-Typist, GS-322-3, PD No. 7150109, Code 5002-This position is located in the Fuze secretarial assistance to the Head, Planning Staff, and clerical assistance to Department dence relating to contractual matters, directed to the Naval Regional Procurement Office, is processed through the incumbent. Incumbent complete responsibility for planning, setting up and maintaining files and records on department contracts. Incumbent types correspondence, makes travel arrangements, prepares clearance requests and travel claims. Qualification Requirements: 1 year of appropriate experience.

File above applications with Pat Gaunt, Bldg. 34, Room 202, Phone 2723.

Electronics Technician GS-856-7 through 11 (2 positions) PD No. 7055082-3, Code 5523-Located in the Guidance Evaluation Branch, Electromechanical Division, Engineering Department. Incumbent functions in t branch by performing system tests, designing and constructing special circuits, repairing any detected or designated malfunctions, and analyzing, as required, any work he has done on the guidance control group or ground support equipment of these infrared detecting missiles. Writes reports in the form of recommendations, proposals, designs, and plans. Minimum Qualifications: GS-7, 2 years general plus 3 years specialized experience; GS.8 and above - 2 years general plus 4 years specialized. One year of specialized experience at the next lower grade or 2 years at 2nd lower grade. For GS-9 and above at least 1 year of specialized experience must be directly related to the duties of this position. Job Relevant Criteria: Recent and progressive Sidewinder-Chaparral experience is highly ability to perform mathematical calculations required for the design test arrangements and all types of personnel and express thoughts



tromechanical Div., Engineering Dept. Incumbent is responsible for the resolution of book X-118C. electronic production engineering problems encountered in air-to-air and ground-to-air missile Guidance Control Groups by the design, redesign, evaluation, and analysis of data of tests run on these units. Required also is electronic interfacrs for analog-digital systems will also be required. Liaison is performed with, and consultation is given to engineering and scientists of Center evelopmental groups. Prepares progress eports periodically on his projects. Minimum Qualifications: B. S. degree in electronic or electrical engineering or equivalent rofessional experience as follows: 1 yr. GS-7, 2 yrs. GS-9, 3 yrs. GS-11, 1 year at 2nd lower grade for all levels. Job Relevant Criteria: Recent and progressive Sidewinder-Chaparral experience is highly desirable but not essenngineering and digital computers, and coordinating all activities of a project

File applications for above with Jo cintosh, Code 657, ext 2371. Purchasing Agent, GS 1105-5, PD No. 025011-5, Code 2522-Responsible for wide range of purchases; must be knowledgeable in basic contracting techniques; must be able to determine as to fairness and reasonableness of prices. Minimum Qualification Requirements: Two years of general experience showing general knowledge of purchasing procedures, practices or regulations plus one year of specialized experience which provided knowledge of commercial sources of supply, comparative prices and formal methods of procurement. Job Relevant Criteria: Should be familiar with procedures incident to the award and signing of contracts. Advancement

File applications for above with Naomi Campbell, Bldg. 34, Rm. 204, ext. 3118. Laborer (Heavy) WG-35002-3, JD No. 155-9, Code 70415 (5 vacancies)—Applications will be accepted from current Naval Weapons Center combination of a large variety of unskilled or

Electronics Engineer GS-855-9-10-11 (2 physical exertion of a heavy or arduous type positions), PD No. 7055026-2, Code 5523— Qualification Requirements: Rating will be on Located in Guidance Evaluation Br., Elec- the basis of the appropriate J-Element Standard in accordance with the CSC Hand File applications and Supplemental Ex perience Forms with Corine Scott, Code 657

Phone 2393, Room 210 Personnel Clerk (Typing), GS-203-5, PD No

465008, Code 656-Performs following duties the installation and programming of a data for a major department(s): Processes all analysis and storage system compatible to the actions affecting appointments, promotion existing test units. Design and construction of change to lower grade, transfers, within-grade and quality step raises, pay adjustment separations and conversion of appointment Performs non-competitive qualification contractors, other Governmental agencies, ratings, processes classification actions and maintains associated files and records Processes claims for retirement, Minimum Qualification Requirements: One year o general clerical experience and two years of specialized; 6 months of which is directly related. Job Relevant Criteria: (1) qualifie typist, (2) must have a firm regulator background of current FPM, CMMI, SecNAN Instructions, QCMM Instructions and NWC Instructions to process personnel actions of all types (3) must have experience in non competitive qualifications rating in terms o X-118 and J-Elements (4) must be able to provide procedural information concerning Federal health and life insurance, retiremen and other areas related to personnel. Ad-

vancement Potential: May advance to GS-6. Test Range Tracker Helper, WG 29049 05 JD 17-1 Code 3552—Trains as a test range tracker tracks missiles and airborne objects by operating photographic, mechanical, elec film magazines, moves instruments, performs minor preventative maintenance. Minimum propriate J-Element Standard in accordance with X-118C. Job Relevant Criteria: Must have knowledge of arithmetic. Must be able to assist others in lifting, heavy instruments. Must be able to work outdoors. Advancement Potential: WG-8.

Prasolowicz, Bldg. 34, Rm. 206, ext 2577. Supervisory Industrial Engineer, GS-896 13-Philadelphia Naval Shipyard, Philadel phia, Pa. 19112. Announcem (BG-1-2) Closing date 30 Nov. 1971. For further

# Thrift Shop Gives \$650 To Combined Fed'l Campaign

A \$650 contribution from the Thrift Shop was made last week to the Combined Federal Campaign. It was designated to the Indian Wells Valley United Fund.

Mrs. D. E. Zilmer, treasurer of the Salvation Army." Thrift Shop, to express ap- The Thrift Shop, on Lauritsen community doing so much for its evening, 7-9; and Thursday own," he said.

practice, it was learned, of on duty when the shop is open. capital is retained.

of WACOM, and the Thrift Shop is munity use.

run by co-chairmen Mrs. E. D. Casaroli and Mrs. J. L. Uhe.

"We try to help as many as we can," Mrs. Casaroli said. "Most of our items are clothing." she added "We do get some furniture and Stanley G. Reynolds, CFC fund appliances, but any that need drive chairman, promptly called repairing we send on to the

preciation for the contribution. "It Ave., is open both to civilians and is heartening to see the local military. Hours are Tuesday mornings 9-11 (except for the The Thrift Shop, sponsored by coming Thanksgiving day). It the WACOM, has a standing usually takes about five helpers

dividing most of its profits for the Donations are accepted through year. Half goes to Navy Relief, and "drop boxes" in front of the Thrift community service. Even the

half to the United Fund through the Shop and also at the Shopping CFC. Only a nominal working Center. The Thrift Shop is strictly a Mrs. L. S. Licwinko is president profits are designated for com-

# nwc rocketeer SPORTS

# Kegler's Korner

By Jack Lindsey

I was sitting in the bowling alley with Bob Hooper when Sherry Ray said, "Did you know RC (Jones) cut his hand open and had to have 10 stitches?" Hoop looked worried. "Which hand?" he asked. Sherry looked a bit puzzled. "Why, his left," she replied. "Oh, well that's OK, then," said Hoop. "Huh?" she looked blank. "He's right handed, ain't he?" Oh!

AT LAST

The Premier League finally began to open up. Benny Whiteside cracked out a big 679 series and a triple-200 trophy shot with games of 210, 244 and 225 and Bob Tegowski had a 277 and a 227. We won't mention the 144 he shot with them. Dick Bauers, scourge of the golf pro shop, did it again this week, hitting 235 and 211 for a 640.

Ken Dalpiaz found the mark again this week and pounded out a Docs stymied the Vampires in the 638 series on games of 228 and 215. opening plays of the second Jack Leininger, not often in this quarter and the Docs gained column, hit a big triple-200 with control at the VX-5 19-yd. line. scores of 213, 213 and 201-627. The Corpsmen began to put their Congrats, Jack.

elevated his 179 average with a 231-618, and Dick Furstenberg two penalties. had 222 and 203 for a 608 total.

hit a 600 which included a 223 Jack Ahearn and two Batemangame. Big singles for the night saw Tom Haus passes to move the newcomer Jim Chester (on the Vampires to the Docs' 13. With 21 NAF team) with a 237 and Alex seconds remaining in the half,

sistent with 147, 140 and 151 (438) down. Johnson added the PAT to and Ray Schreiber made the "loser give the Vampires a 7-0 halftime brought the Docs into scoring of the week" with a 127 game. Almost in that category is the Tom's Place team, which couldn't win a game despite the fine shooting of Tegowski.

Ridgecrest Lanes leads but five The Burros varsity football down to account for a total of 10

SINNER'S ALL

215 and 235 for a 652 series. The Brady Bunch (ho) had high team game and series with 1086 and 3051. Commenting on last week's whacked out a 191 single.

THURSDAY TRIO

624 game and the MagPies didn't with looking good on its first two eat any crow with a series of 1680 series of offensive plays, but the on Thursday (Nov. 11). LaVon Falcons suffered a letdown after Roulund had a 553 series and Nita Burroughs scored a field goal and Martin came in second with 543. two touchdowns to take a 17-0 lead Joyce Reneau and LaVon each had part way through the second a 222 single effort.

DING-A-LINGS

known as the Brite Sprites took all first time they had their hands on the honors with a 787 and a 2224 the ball by driving deep enough team scores. Barbara Tunget was into Palmdale territory to enable the high bowler with a 540 series Steve Robinson to boot a 37 yard

(Continued on Page 12)



ROCKETEER

LOOKING FOR DAYLIGHT - NAF's Ron Hood turns the corner as the onrushing Wolves defense closes in. The NAF Hawks dropped the Wolfes, 18-6, in Tuesday night's action. \_\_Jack Learned Photo

# VX-5 Wins Squeaker From Docs To Tighten Flag Football Race

The league leading VX-5 lead Vampires inched closer to their The Corpsmen got the second fifth consecutive flag football half started on the wrong foot as championship by downing the Phil Estes saw his third down pass NWC Dispensary gridders 19-14 in

The tight pass defense of the

offensive machinery together as The aforementioned Hooper they drove to the Vampire 6, but were forced to punt at the 29 after

VX-5 came roaring back on its Joe Kokosenski, lovable "cigar," next series with a 10-yard run by Bateman found Dave Dembeck Jim "Tiger" Peck was con- alone in the endzone for the touch-

second down draw play had Rich Ikebuchi packing the ball in for the TD. A pass over the middle to Thompson added the PAT to put intercepted by the Vampires' Gino the Corpsmen on the scoreboard, Sticca at the VX-5 30-yd. line. but on the short end of the 19-7 Sticca picked up some good

smen scored on an Estes- Boys interested in signing up for Four plays later, the fired-up Vampire offense found the endzone again as Ahearn carried the ball in from the 17. The clubs exchanged the ball on downs in the remainder of the third

period with the Vampires moving to run out the clock for the victory. teams. to the Docs 2 yard line on a 50 yd.

pass from Bateman to Haus. On the first play of the fourth quarter, Ahearn went in from the 2 and the Vampires held a 19-0 ad-

blocking and ran the ball into

Corpsmen territory at the 33.

Corpsmen Get on Board Two passes to Tom Thompson

# Burroughs, Victor Valley To Clash in Season Finale

teams are within 21/2 games of one team, odds-on favorites to finish the 1971 season with a three-game Rocky Brady went slightly record, will tangle here tonight at 8 began to click. Scoring three times "ape" last Sunday when he hit 202, with the Victor Valley Jackrabbits.

Ann Brady (sounds more like game against the winless Falcons, "Family Affair" than the "Brady Coach Bernhardi stated that the Bunch") had the high female Burros' offense was explosive, series-478. Rusty Smith (a girl) both on the ground and through the air, and the defense also held up

The Downers were uppers with a He credited the Palmdale team quarter.

#### Field Goal Scored

each of seven points after touch- back 60 yards to paydirt.

points against the Falcons.

After being held to just 3 points in win streak and a 5-2 Golden League the first period, the Burros offense before the half, the locals left the field at the intermission with a 24-0

> Gary Charlon, stellar fullback for Burroughs, bulled over from the 3-yd. line as he tallied the first touchdown of the Palmdale game, and passes from Mike Lillywhite, quarterback, to Mike Bachman and to Jim Lillywhite netted two more second period tallies for Burroughs on plays that gained 67 and 35 yards, respectively.

#### **Four More Touchdowns**

The third period saw no letup in the Burros' display of offensive power as they chalked up four more touchdowns. Charlon broke loose on scoring jaunts of 33 and 65 Some sprightly ding-a-lings The Burros gridders scored the yards, and a pass from Quarterback Lillywhite to Jim Amparano clicked for 30 yards and yet

The game's final touchdown was and Gladys Bauers (who shot her field goal, his second of the season. racked up by Bachman, who infirst 500 series) had a 204 game. Robinson also was successful on tercepted a pass and ran the ball

## Basketball **Entry Dates** Set by Gier Entries are now being taken for

the 1971-72 Intramural Basketball League season at China Lake, it was announced this week by Ray L. Gier, NWC recreation director.

The Intramural League is open to participation by both military personnel and civilian employees of NWC, and team rosters, limited to 10 players each, must be submitted to the Special Services Office (Code 885) no later than 4:30 p.m., on Friday, Dec. 3.

The Intramural Basketball League will be divided into two divisions and, at the conclusion of league play, a double elimination tournament will be held in which the four top teams from each division will complete for the league championship.

Arrangements for team practice sessions can be made by calling the intramural sports director at NWC

### Youth Center Seeks Cagers Ages 12 to 18

According to Marty Denkin, director of the NWC Youth Center, the registration of boys 12 to 18 years of age in the Junior and Senior Divisions of the Youth Center Basketball Leagues is con-With 1:53 remaining, the Corp-tinuing this week.

Thompson pass play. A flare pass either of these two leagues are to Ikebuchi added the extra-point asked to contact Denkin at the and the Dispensary crew was in the Youth Center. The registration will thick of the battle, down only five end Monday for everyone with the exception of boys still competing VX-5 kept the ball on the ground for openings on school basketball



"SHE'S" A CUTIE - Little Susie, a guard for the California Cuties cage team, demonstrates ball control in preparation for the game between the Cuties and Loewen's TV scheduled for the Burroughs High School gym Nov. 29 at 8 p.m. The Cuties are composed of talented men players who dress in ladies' clothes and are hailed as the world's funniest basketball team. Tickets for the game are priced at \$1.50 for adults and \$1 for students. Susie is only 38 inches tall. The game is sponsored by the Burroughs High School Lettermen's Club.

# Miss Ridgecrest-China Lake Pageant Unfolds

### Theatre Stage Scene of Local **Beauty Show**

Friday, November 19, 1971

Seven local girls will vie for the Miss Ridgecrest-China Lake title during a program that is scheduled on Saturday night, starting at 8, at the Naval Weapons Center

The girls, Rebecca Leigh Moulton, Susan Lorene Lubben, Melinda Annette Kirkpatrick, Debra Jean Cornelius, Susan Jeanne White, Peggy Cecilia Davis and Virginia Lee Keyte, will compete for the coveted crown under the sponsorhip of the newlyformed Miss Ridgecrest-China Lake Pageant Association, Inc.

Previously, the pageants (this is

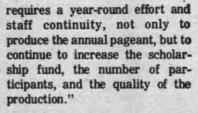


1969 Miss California

the sixth) were sponsored jointly by the Ridgecrest Chamber of Commerce and the China Lake according to Association President



Photos by Gene Edwards



The awards for the winner of this year's pageant include a \$400 scholarship at the college of her choice and entry into the Miss California Pageant, where she might win further scholarship

The first runner-up will receive a \$200 scholarship from the local Association and second runner-up will be awarded a \$150 scholarship. All others will receive \$50. In addition, Childers noted, Miss Congeniality will receive \$100.

The board of directors of the Pageant Association, which includes (in addition to Childers) Rita Lane, Gene Edwards, Glen Community Council. The Associa- Harbin, Mabel Hawley, Lynne tion was formed because, Bradberry and Duane Blue, have worked energetically to bring a form as will Barbara Lewis, the Herb Childers, "The pageant full-fledged and exciting program 1970 Miss Ridgecrest-China Lake





Susan Lorene Lubben

to the Center Theater stage Saturday night.

Under the direction of Sandy Schaper, Mistress of Ceremonies Susan Anton, Miss California of 1969 and second runner-up in the Miss America finals of 1969, will introduce a program of entertainment to highlight the

Alex Bellen, whose rich baritone voice was heard recently as Tevye in the Community Light Opera and Theater Association's smash hit "Fiddler on the Roof," will per-





Rebecca Leigh Moulton

In addition, Sue Anton will be featured in a solo number and she

The Paul Riley combo will provide the music for the program. Judges for the evening will inwill lead the contestants in a clude Mary Lantz, Mrs. Clark production number early in the Terrill, Larry Lanterman, Silvia

# **Drive To Raise Funds For** Fair Building Set Sunday

down payment on the construction a committee under the direction of of a permanent exhibit building at Roy Martin, who reports that plans the fairgrounds in Ridgecrest will call for the construction of a be launched at noon on Sunday.

A radio marathon, utilizing the long. facilities of Radio Station KLOA in a remote broadcast from the kitchen, refreshment lounge, fair Ridgecrest city hall and the office, restrooms and storage area Community Center on the Naval all are planned as part of the new Weapons Center, combined with a building, which will have a door-to-door fund solicitation, is capacity of approximately 1,700 planned covering China Lake, persons, Martin said. Ridgecrest and Inyokern.

at the Ridgecrest City Hall, at the completely paid off. China Lake Community Center, at the Kern County fire station in Microwave Ovens Inyokern, and at the Baker Can Be Dangerous **Brothers Furniture Store in Trona** where reports will be taken of Microwave ovens, the NWC

project for the entire local desert two hard boiled eggs, already area, not just a Desert Empire peeled, into one of the ovens for a Fair undertaking, those in charge quick warm-up. of the fund-raising activity em-

Once the exhibit building at the

the nation's top country and white was just strong enough to western music recording stars, hold it together. will be at the Ridgecrest City Hall Freak accident? Maybe - but the interest to the fund-raising effort. under controlled conditions.

An all-out effort to raise the Raising money for a permanent remaining \$5,000 that is still exhibit building at the fairgounds needed in order to make a \$22,000 has been a project spearheaded by structure 80 ft. wide and 150 ft.

A large meeting room, catering

After the down payment has Sam McMullen will be in charge been made and initial construction of the non-stop radio broadcast work completed, it is anticipated and, thanks to the cooperation of that rental of the building and its the Continental Telephone Co., facilities will help meet future extra phone lines will be available payments until the structure is

donations, as well as telephone Safety Department points out, calls from those wishing to get in have their merits, but also their on the fund drive band wagon. problems. Recently, a girl in need This is a combined community of a snack found this out. She put

The eggs hadn't been in the oven very long and were not hot to the touch when she bit into one. An fairgrounds has been completed explosion ripped the egg apart, and equipped, it will be available sending yolk flying, mostly over for year-round use by all groups the girl's face and eyelids; she was and organizations having needs of also burned on the lips, tongue and

During the height of the The microwave oven had heated radiothon, Merle Haggard, one of the interior of the egg, and the

between 1 and 2:30 p.m. to help add same incident was duplicated



RADM. W. J. MORAN, NWC Commander, receives the first ticket to attend the gala affair Saturday night at the Center Theater from Marty Sullivan, secretary of the Miss Ridgecrest-China Lake Pageant -Photo by PH3 Ronald G. Mills

# Aircraft Survivability Tests Conducted **Data Exchanged During Meeting**

An exchange of information on aircraft survivability work was the purpose of a recent one-day meeting held at the Naval Weapons Center which was attended by some two dozen representatives of the Army, Navy and Air Force, as well as the aviation industry.

The visitors were given an opportunity to witness a full-scale dynamic test of an A-4 Skyhawk aircraft at NWC's Aircraft Survivability Range (located in the K-2 range area).

Arrangements for the meeting here were handled by John Fontenot, project engineer, and Charles E. Walden, program manager of the Aircraft Survivability Program which is included in the workload of the Systems Development Department's Advanced Systems Branch (Code 3014).

Co-host of the meeting was Cmdr. M. L. Johnson, from the Naval Air Systems Command in Washington, D. C.

Witnessed by the visitors to K Range was a test involving the firing of 12.7mm ammunition at a target which was the fuel system of an A-4 Skyhawk aircraft. Purpose of the test was to determine the vulnerability of the aircraft's fuel system to impact from this kind of

On the same day, a second test was run on the fuselage of an A-4 equipped with a passive protection

Personnel at the NWC Aircraft Survivability Range perform research and development work that is aimed at improving the combat safety of Naval aircraft. The Aircraft Survivability Range is equipped to handle ballistic

### Blazek To Speak At IEEE Meeting

Henry F. Blazek, manager of NWC's Microcircuit Development Laboratory, will speak on "Microcircuit Systems of the Future" at the regular monthly meeting of the Institute of Electrical and Electronics Engineers, Inc., scheduled for Monday at 11:30 a.m. in the Commissioned Officer's



AIRCRAFT VULNERABILITY TESTED-The A-4 Skyhawk being tested is shown mounted on the main test stand at the Aircraft Survivability Range. Army, Navy, Air Force and industry visitors were on hand to witness a recent full-scale dynamic test of the vulnerability of the aircraft's fuel system to 12.7mm gunfire.

components all the way up to a Systems Command and the complete aircraft.

more ballistic resistant com- Lab at Moffet Field, Calif., as well ponents for aircraft fuel and as those from North American

testing of everything from small representatives of the Air Force National Aviation and Space Tests are run in order to develop Administration's Ames Research Aviation, the Boeing Corp., Mc-

ROCKETEER



ASTRONAUTS Young and Duke (above) try their hand at operating a model of the lunar rover. In photo at right is Capt. Duke, the Apollo 16 lunar module pilot.



ENDS ACTIVE DUTY TOUR—Chief Aviation Ordnanceman Donald P. Shafer, weapons line chief in the Operations Maintenance Department at the Naval Air Facility, is shown being "piped over the side" during recent ceremonies held at NAF to mark the completion of 20 years of active duty and transfer into the Fleet Reserve. AOC Shafer, who has served at NAF for the past 14 months, left here for his new home in Florence, Ky.

### Astronauts Train Here . . .

(Continued from Page 1) ability to describe what they see and convey this information by radio to observers who are well out of sight of the actual test area.

**Chief Coordinator** 

Dr. Edward Wolfe, from the Center of Astrogeology at Flagstaff, Ariz., was the coordinator for this exercise, and among those in the "back room," a blind some distance removed from the sites being explored by the astronauts was Dr. Anthony England, mission scientist for the Apollo 16 flight to the moon.

Also present to observe and help guide the training exercise was Bill Muehlberger, one of the principal geology investigators involved in the Apollo 16 program; Dr. Bill Pinney and Dr. Fred Horz, two National Aeronautics and Space Administration geologists; and George Ulrich, Bob Sutton, Ken Hait and Dr. Val Freeman, all representatives of the U.S. Geological Survey.

Prominent in the planning of this second Apollo program test exercise in the local area was Dr. Leon T. Silver, a geologist from

**Moon Landing Site** 

Landing site for the Apollo 16 spacecraft, following its launch in March, will be an area of relatively smooth, hummocky or rounded and hilly highlands near the crater Descartes having features similar to volcanic terrain on earth.

The Descartes site is near the center of the visible face of the moon, and lies in the central lunar highlands in one of the highest regions of the earthside hemi-

The site is expected to yield two important cross sections of lunar composition which will help scientists fill some of the gaps in their knowledge of the moon's

structure and constructual evolution gained from previous landing missions.

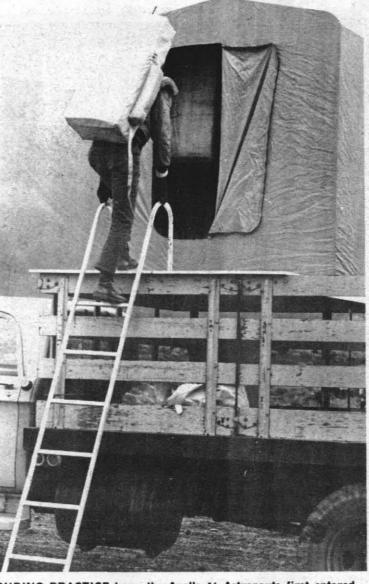
More Knowledge Gained

Information collected from the Descartes site will widen the knowledge of the lunar surface when it is combined with data gathered from the lunar mare (sea) sites of Apollo 11 and 12, the Fra Mauro uplands visited by Apollo 14, and the high mountains and rille or gorge region at Hadley-Appenine explored by the Apollo 15

During their three-day stay on the moon, the Apollo 16 astronauts will lay out a science station for relaying earthward continuous data on the moon's magnetic field, surface and subsurface heating, and moonquakes. The radioisotope-powered station is called the Apollo Lunar Surface Experiment Package (ALSEP) and has been carried on each mission, with some variations in experiments, since Apollo 12. Not all scientific investigations

of Apollo 16 will be done on the moon, for as on Apollo 15, the Apollo 16 service module Scientific Instrument Module Bay will be crammed full of high-resolution cameras, geochemical sensors, and a mini-satellite to be ejected into lunar orbit for long-term measurements of gravitational and electrical characteristics of

Exploration mobility during the Apollo 16 mission will be extended as it was in Apollo 15 by the use of the lunar roving vehicle, a small four-wheeled, electric-powered car. The Apollo 16 landing crew will leave the lunar module three times during the three days they are on the lunar surface-each exploratory excursion lasting up to



DURING PRACTICE here, the Apollo 16 Astronauts first entered this simulated lunar module. From it they radioed descriptions of the terrain they could see before getting out and exploring afoot and in -Photos by PH3 Ronald G. Mills the lunar rover.

### **Entry Open In Contest For Tech Writers**

The Southern California Region of the Society for Technical Communication (STC) is sponsoring a publications com-

Friday, November 19, 1971

Entries must have been produced between March, 1970, and January, 1972.

Entries in the contest will be accepted in the following six categories: Technical Reports (engineering, scientific, business, medical, etc.), Brochures, Manuals-Handbooks (military and commercial), Employee Publications (house organs), Procedures-Specifications, and Proposals.

Three awards-a plaque for the Distinguished Technical Publication, a Certificate of Excellence, and a Certificate of Meritwill be given in each category. The contest started on Oct. 20 and ends on Jan. 14.

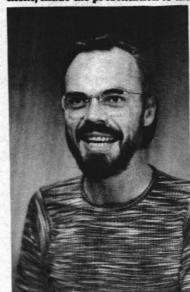
This contest is open to anyone engaged in the field of technical publications; it is not limited to STC members. Complete contest information will be sent out in the very near future.

Anyone wanting further information or contest entry blanks should contact C. A. Creider, Jr., at NWC Ext. 3671 or 3672.

### **NWC** Physicist Presents Paper In Canada

What happens when electromagnetic radiation excites electrons in various materials was the subject matter of a paper presented recently by a NWC scientist at an international science meeting in Canada.

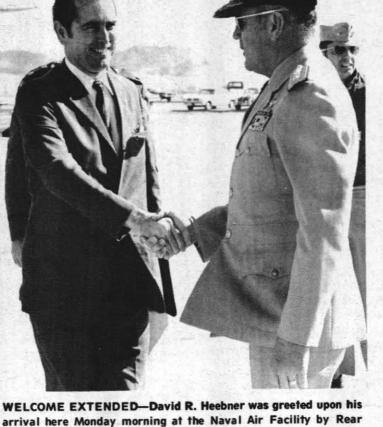
Dr. E. Ronald Atkinson, a senior physicist with the Fuze Department, made the presentation to the



Dr. E. Ronald Atkinson Fourth International Congress on Quantum Chemistry. The meetings were held in Vancouver.

Electronic properties of widely used solid state devices are thought to be largely the result of these excitations. The same electronic excitations are proposed as possibly responsible for such major living tissue effects as according to Dr. Atkinson.

ported by the Office of Naval of Canada. Research, the Department of NWC fellowship.



arrival here Monday morning at the Naval Air Facility by Rear Adm. W. J. Moran, Commander of the Naval Weapons Center. Heebner, who is the Deputy Director (Tactical Warfare Programs) in the office of the Director of Defense for Research and Engineering, was here for a series of technical briefings along with four members of the Air Munitions Requirements and Development Committee. The latter group is headed by Army Col. J. R. Lauer, as

### Bennetts Combine Work, Marriage

(Continued from page 7) Klamath at a spot where the Bennetts had been staying.

They have traversed the upper Grand Canyon and the treacherous dangerous Lava Falls, in the slight foldboats (a trip Jean wrote about for the American Whitewater journal), and have kayaked down the Macmillan River in the remote wilderness of Canada. They also have packed their foldboats into the Utah canyon country to explore the waterways of Glen Canyon and together have discovered the Olympic Peninsula in Washington.

In each case the Bennetts and fellow travelers have filmed the journeys. These films have been shown far and wide to many interested groups. Jean has written about most of the trips for the and visited has been presented in president of the museum's board of

In 1969 a new dimension was added to their traveling. They were Holiday Hours invited on a trip to Alaska with Floyd Kinder in Kinder's aircraft. Listed For Hal thought it wise to learn " . . . a little about flying in the event NWC Facilities something happened to Floyd while they were airborne."

known better. He can't do anything business and recreational facilities halfway." By the time the trip on the Center will be closed for the came around, Hal was the holiday. possessor of a student pilot's The Commissary Store will close license and according to him " . . . on Thanksgiving, but will reopen did most of the flying, which was for business as usual on Friday, excellent on the job training."

teraction of radiation with matter, down the South Nahanni River, Services activities will close. was the result of research sup- located in the Northwest Territory Navy Exchange facilities, with

Health, Education and Welfare, said. "The South Nahanni contains also will be closed. the University of California, and an a waterfall higher than Niagara All Employee Services Board and a canyon deeper than the facilities will close.

Grand Canyon, and yet very few people have heard of it." The Bennetts, of course, made films and are planning to show them to Valley residents soon. After the lower Grand Canyon, including the trip down the river they recovered their aircraft and flew the same route, adding to their knowledge of the area.

They've climbed mountains: Their most exciting climb was up glacier-ridden Mt. Olympus, and their most adventurous climb was up the mountaineer's route of Mt. Whitney with two beagle dogs. "Try that sometime," Hal grinned. They're presently training two Alaskan-born and bred Siberian huskies to pull their bicycles (plus obedience training) and are planning another trip through "white water" for next summer.

For many years Jean has been Roadrunner, a publication of the busy writing a biography of Dr. Kern-Kaweah chapter of the Sierra Albert Michelson, famous pioneer Club. Much of what they have seen of the field of optics, (nearly completed) and borrowed a phrase lectures for the Maturango from him when asked why she and Museum, and Jean is currently Hal lived the way they do. "Because," she said, "it's such

Next Thursday, Nov. 25, is "Hal," Jean said, "should have Thanksgiving Day and many

Nov. 26.

The love for flying caught them Special Services facilities that and the Bennetts bought a Cessna will remain open on the holiday aging, cancer, and mutations, 182. They recently flew it to Alaska include the Theater, Hall (their sixth trip to the last fron- Memorial Bowling Lanes and the The invited paper on the in-tier), for the purpose of foldboating golf course. All other Special

> the exception of the EM Club and "What an exciting trip," Hal the snack bar at the bowling alley,

# Happenings Around NWC

for tomorrow night's enter- Card. tainment. "The music begins at 9 and will go until 1:30 a.m.." Furey said.

All members of the club and their guests are invited to take part debate the question of populationn the weekend's festivities.

WATCH COLLECTORS The monthly meeting of the National Association of Watch and Clock Collectors, Inc., will be held in Ridgecrest on Sunday, beginning at 2 p.m. A program of wood-

CHAPARRAL CLUB

The "Transitions," formerly "The Night Crew," will play for a dance at the Chaparral Club on Big Rush To Saturday, from 9 p.m. until 1 a.m. All members and their guests are

#### **PERUVIAN TRIP**

The China Lake Mountain Rescue Group will present a slide show, "Climbing the Peruvian Andes," Nov. 30 and Dec. 1 at 7:30 p.m. at the Vieweg Elementary School auditorium. A donation of \$1 for adults and 50 cents for students to help the group buy rescue equipment will be asked.

ART LEAGUE SPEAKER

speaker at Monday's meeting of p.m. on Saturday. the Spoken Word."

#### **PWOC LUNCHEON**

Chapel (PWOC) has been will be offered for sale. scheduled on Tuesday, Dec. 7, with requesting reservations are asked to call Mary Ward, 446-2208, or Edle Karlstrom, 446-3678. Price of the luncheon is set at \$1.25, and will service will be available.

FRENCH FILM SLATED The NWC French Club, in coniunction with the Associated Student Body of Bakersfield College, Desert Campus, will present de Broca's film classic, "Cartouche," starring Jean-Paul Belmondo and Claudia Cardinale

Bob Furey, manager of the Jolly on Nov. 23 at the Burroughs Lec-Roger (EM Club), announced that ture Center. The film will be shown "The Glass Flame" will play for a one time only, at 8 p.m. General dance tonight at the club, and admission is 75 cents and 50 cents 'Chain of Fools" have been booked for holders of the College Services

#### POPULATION DEBATE

The Rev. Paul W. Neipp, of Our Savior's Lutheran Church, and Dr. Pete Pinto, local pediatrician, will Neipp says there is no boom, Pinto says there is-at 7 p.m. Mon., Dec. 6 at the Burroughs Multi-Use

Room, located on the campus. According to Gretchen Essig, president of the Bakersfield College, Desert Campus Ecology work clocks is on the agenda. For Club, sponsors of the event, adfurther information, call 375-8159. mission will be free and all are

# **WACOM Set For** Yule Bazaar

With the Yuletide season just around the corner, China Lake residents will have the opportunity to get into the holiday mood by a visit today or tomorrow to the 1971 Christmas Bazaar at the Community Center.

The bazaar, an annual event sponsored by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM), will Virginia Sheriff, of San Ber- remain open until 9 o'clock tonight, nardino, will be the featured and will be open from 10 a.m. to 9

the Desert Art League, which For this special occasion, the begins at 8 p.m. at the Community main auditorium of the Com-Center, Mrs. Sheriff will give an munity Center has been tranillustrated talk on "Psychology of sformed into a colorful "Santa's Color and Movement as Related to Village" of red and white booths where a wide variety of items, ranging from potted plants and The annual Christmas luncheon Christmas cards to homemade of the Protestant Women of the candies and handmade candles,

All proceeds from sales made at Mrs. Don (Lorraine) Austin, of the various booths operated by Glendale, as guest speaker. Those some 20 local clubs and organizations are earmarked for charitable or civic purposes, including scholarships.

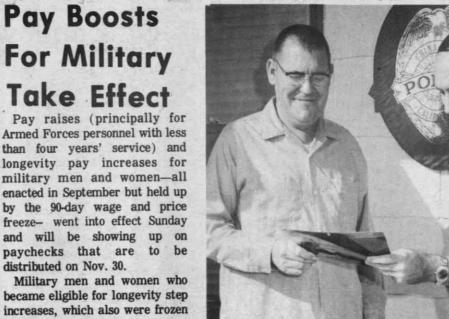
For bazaar patrons whose apbegin at 11:30 a.m. Baby sitting petites are teased by the snacks and goodies that will be offered for sale, WACOM members are serving sandwiches, hot dogs and desserts at "Mrs. Claus' Kitchen," where WACOM cookbooks also are on sale in the tea room area.



EXTRA EFFORT RECOGNIZED—Myron R. (Mel) Smith (at left), a structural iron worker in the Public Works Department's Maintenance Utilities Division, was the recent recipient of a sustained superior performance award. The presentation was made by Capt. W. H. Sturman, Public Works Officer. Smith was cited for his significant contributions to nine special research projects assigned to Code 603. He assisted in the design, fabrication and field testing of devices for various projects, and is the co-inventor of one of them -Photo by PHAN D. W. Yeatts (TINDERBOX).

Friday, November 19, 1971

# Annual '49er Encampment Big Success



during the period from Sept. 1 through Nov. 13, will not, however, be entitled to a retroactive pay boost for any time prior to Nov. 14. In addition to the foregoing, an increase in the basic allowance for

quarters for all active duty military personnel is now in effect. The monthly rates of basic pay

are changed as follows:

Pay grade 0-2 (2 years or less), \$570.30; 0-1 (2 years or less), \$495; qualifiers (with a possibility of who was at the controls of a 0-1 (more than 2 years service), official fourth place) in the modified Sea Fury. Saunders was \$515.40; E-7 (2 years or less), \$443.40; E-6 (2 years or less) \$382.80; E-5 (2 years or less), \$336.30; E-4 (2 years or less) \$323.40; E-4 (more than 2 years service), \$341.40; E-4 (more than 3 years service), \$361.20; E-4 (more than 4 years service), \$389.40; E-4 (maximum over six years ser-

Pay Grade E-3 (2 years or less), \$311.10; E-3 (more than 2 years service), \$328.20; E-3 (more than three years service), \$341.10; E-3 (maximum over four years service), \$354.60; E-2 (maximum two years or less), \$299.10; E-1 (maximum two years or less), \$268.50.

Changes made in the basic allowance for quarters rates for military personnel with and without dependents are:

Pay Grade 0-10, 0-9, 0-8 and 0-7, \$230.40 and \$288; 0-6, \$211.80 and \$258.30; 0-5, \$198.30 and \$238.80; 0-4, \$178.80 and \$215.40; 0-3, \$158.40 and \$195.60; 0-2, \$138.60 and \$175.80; 0-1, \$108.90 and \$141.60.

Pay Grade W-4, \$172.50 and \$207.90; W-3, \$155.40 and \$191.70; W-2, \$137.10 and \$173.70; W-1, \$123.90 and \$160.80; E-9, \$130.80 and \$184.20; E-8, \$122.10 and \$172.20; E-7, \$104.70 and \$161.40; E-6, \$95.70 and \$150; E-5, \$92.70 and \$138.60; E-4, \$81.60 and \$121.50; E-3, \$72.30 and \$105; E-2, \$63.90 and 05: E-1, \$60 and \$105.

# Freeze Lifted On Periodic Step Increases

The freeze of periodic and quality within-grade step increases for Civil Service personnel that began on Aug. 15 has now been

Payment for all step increases that had been frozen since mid-August freeze date was begun on Nov. 14. There will be no retroactive payments for the period from Aug. 14 through Nov.

Step increases having an effective date of Nov. 14 or later will be processed under normal procedures.

In 1968 about 2 per cent of all enlisted Marines were draftees.



the doors of police vehicles was worth \$50 to Frank Wilson (at left), a China Lake policeman, who is shown being congratulated by S. L. Kaupp, head of the Police Division. The cash award was presented to Wilson under the Beneficial Suggestion Program.

#### New School ... (Continued from Page 1)

increase for China Lake teachers | Christmas Space Available into the district's next payroll.

The pay boost was approved last June by the China Lake Elementary School District's board of trustees, but, due to the freeze on wage and price increases, was not put into effect when schools re-opened in Sep-

Pinney learned that the local elementary school district was free to pay the increased salaries, starting this week, but retroactive action on the pay boosts has not been authorized.

Nov. 22 is the DEADLINE for





KENNEDY SHIPS FOR SIX - Lt. Cmdr. C. E. Richno, NWC Communications Officer, signs the reenlistment papers for Radioman Second Class Maxwell W. Kennedy, (looking on), who shipped over for six more years in the Navy. Kennedy had served 13 years and 3 months prior to his reenlistment. He and his wife, Trudy, and two children Kerri Lynn, 2, and Maria Louise, nearly a year old, reside at 121 Searles St., in Wherry Housing.



AN INVITATIONAL ART exhibit in the patio of the Visitors Center at the Death Valley National Monument was inspected by some 10,000 persons during the four-day '49er Encampment. Jim Rozzi, of Las Vegas, won the first place award in the open classification for his oil painting entitled "Two for Wells Fargo." William Hall, another Las Vegas artist, garnered first place in the invitational exhibit for his oil painting "Hotter Than Hell."



A \$100 AWARD was won by Rod Ayers (center) of Lone Pine, who placed first in the annual Burro Flapjack Sweepstakes Saturday afternoon at Stovepipe Wells. Shown with Ayers are Helen "Diamond Lil" Wallace (at left) and Indian Princess White Feature. Spectators at this event reportedly numbered 3,340.

Photos By

Frederick L.

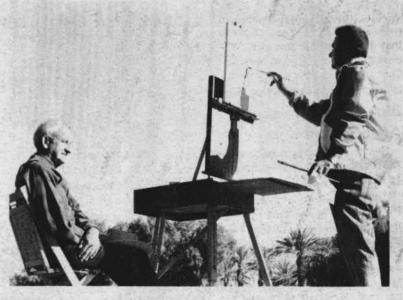
Richards



TWO OF THE WESTERN characters visitors to the Death Valley '49er Encampment found at the Stovepipe Wells Tavern were Helen "Diamond Lil" Wallace and "Tumbleweed" Harris. COLUMN DESCRIPTION OF THE STREET



DEAN LEMON, an official of the U.S. Borax and Chemical Corp., was elected to serve as 1972 president of the Death Valley '49ers, Inc., during a business session held at this year's encampment. Attendance at this year's event, which was marred by high winds and blowing sand and dust on Friday morning, totalled 29,504.



DR. THOMAS CLEMENTS, a director of the Death Valley '49ers, Inc., who was in charge of conducted tours at this year's event, sits for his portrait in oil by Leslie B. DeMille, one of the many wellknown artists who attended the artists' breakfast.



THE CROWD AT the Sunday morning artists' breakfast totalled more than 750 persons. Bill Bender, a well-known western painter, was chairman of the event at which the annual auction of artists' work, conducted by Ardis Walker of Kernville, brought a top figure of \$1,750 for one western painting. Awards and ribbons also were presented to art exhibit winners.



FLYING SKILL DEMONSTRATED—Among the leaders at the

finish of the California 1,000 Air Race held Sunday at Mojave was

Capt. "Tex" Birdwell, VX-5 Commanding Officer, who flew a stock

F4U-4 Corsair I. The World War II propeller-driven craft placed fifth

Capt. Birdwell Among Leaders In

Air Race Held Sunday at Mojave

manding Officer of Air Test and The winner of the California 1,000

Evaluation Squadron Five, came Air Race was Frank Saunders, an

in unofficially fifth out of 20 ex-Naval aviator, from Santa Ana,

California 1,000 Air Race held last clocked at an average speed of

F4U-4 Corsair I, a World War II driven planes for 41 laps around

fighter aircraft, around the 15-mile the course in a race that covered

It is interesting to note for miles. Entrants were required to

The pilots flew their propeller-

1,000 kilometers, or about 620

make at least one pit stop, which

**Employees To** 

**Get W-2 Form** 

**Address Card** 

Distributed with today's

paychecks for civilian em-

ployees of the Naval Weapons

Center will be address cards

that are required to facilitate

the mailing out of 1971 W-2

(withholding tax) statements.

out the address card, putting in

their correct mailing address,

and then forward it to the NWC

Payroll Office, Code 1764, in

order for it to be received no

later than Friday, Dec. 3.

Employees are asked to fill

lasted about five minutes.

Capt. "Tex" Birdwell, Com- miles per hour.

unofficially in a field of 20.

Capt. Birdwell piloted a stock

aviation buffs that Capt. Birdwell

was out-raced only by highly

modified, professionally prepared

Mustangs.

Hoey.

Sea Furys and modified F-51

Those responsible for the out-

standing performance of the stock

model aircraft flown by the VX-5

Commanding Officer were the pit

crew, all volunteers from China

Its members were Lt. Cmdr.

Jess Carman, Arnie Vang and

Robbie Robinson, both repre-

sentatives of Ling Tempco Vought,

ADJ1 David Zegers, ADJ2 Gordon

Blackledge and AMS2 Thomas

Race officials reported that

Capt. Birdwell, during time trials

on Saturday, turned the fastest lap

on the 15.15 mile pylon marked

race course ever recorded by a

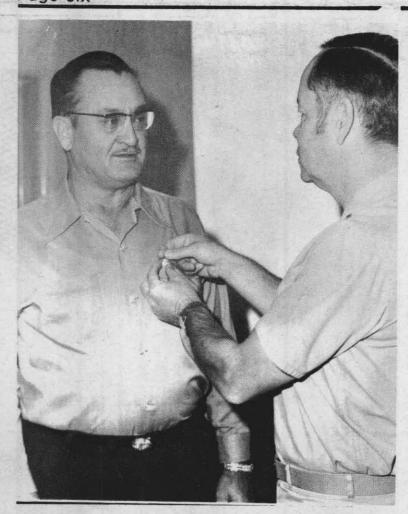
stock Corsair I when he was

clocked at a speed of more than 350

TOP JOB REWARDED-Kenneth Marcus (second from right), was the recent recipient of a Sustained Superior Performance Award for his extra effort while serving as a personnel management advisor for the Propulsion Development Department. In addition to his PMA duties for Code 45, Marcus was involved in a number of Center-wide personnel functions, including a study into the feasibility of implimenting a four-day, 40-hour week. Marcus is shown being congratulated by Ray Harrison (standing), head of the Personnel Department. Others seated are (at left) Nancy Cleland and Wilma Smith, who received 5-and 20-year length of service pins, respectively, and Bruce MacIntosh (at right), who also received a 5-year -Photo by PHAN D. W. Yeatts

FEW MARINES DRAFTED





30-YEAR PIN PRESENTED-John E. Howery, an inspector (PW structures) in the Public Works Department's Maintenance Control Division, recently was awarded a 30-year federal service pin by Capt. W. H. Sturman, Public Works Officer at NWC. A native of Devon, Mont., Howery became a government employee following World War II service with the Coast Artillery. He came to China Lake in March, 1946, as a helper general in the Housing Division.



20-YEAR PINS PRESENTED—Four employees in the Public Works Department were called in recently to receive pins from Capt. W. H. Sturman, Public Works Officer (at right), denoting completion of 20 years of federal service. The recipients were (from left) Ralph L. McClendon (Engineering Division), Kenneth P. Jones, Thomas A. Wilson and William H. Smith (Maintenance-Utilities Division). McClendon, Jones and Smith all put in their full 20 years at China Lake. Three other employees of the Maintenance Utilities Division-Arthur E. Smith, Tony D. Bohanan and Leo W. Maki-were eligible to receive their 20-year pins, but were unable to be present for the -Photo by PH3 Ronald G. Mills

### Registration Of **Boats Handled** At DMV Offices

Boat registration fee billings will be mailed to California's halfmillion boat owners in early December, at the same time, and on the same type of punched card, as their vehicle and trailer registration renewal notices.

"Boat and vehicle records are all under one roof now," says Department of Motor Vehicles (DMV) Director Robert C. Cozens. "Boat records went on the DMV computer a few weeks ago, and owners will have to look twice to distinguish between their auto, trailer or boat registration renewal

"A boater will find it convenient to renew his boat registration at any DMV office at the same time he renews registration on the trailer it rests on and the vehicle that pulls it," he said.



ROCKETEER

A search for an overdue hunter was called off by the Kern County Sheriff's office after the missing man walked into an occupied camp Sunday afternoon and ended his

Although members of the Indian Wells Valley Search and Rescue Team were not needed, 18 of them had reached Kelso Valley, located in the Piute Mountain area, southwest of Lake Isabella, and were prepared to initiate a search for the lost outdoorsman. Had the man not reached safety, a search for him would have been started and probably in plenty of time.

"This is very important," said Sam Wyatt, captain of the IWV Search and Rescue Team. "The team wishes to emphasize the need for promptly notifying law enforcement authorities when someone is believed to be overdue. or in trouble.

"In this way," Wyatt noted, "emergency assistance can be quickly set in motion. There is nothing more satisfying than hearing that the person is safe and sound, even after the team has departed in response to the call."

The dry run, (as it turned out), was important also, for it gave the up and getting vehicles ready for a

Deputy Sheriff Don Glennon called the team into action by placing a telephone message with one of the three women who standby on a 24-hr. basis for such calls for help. The women, Nancy Carter, Clara Flood and Martina Camphausen, rotate times when they will "be available" for messages from an emergency organization (such as the Kern dividual team members for the rescue operation.

The team members responding to last weekend's emergency, in addition to Wyatt, were Bob Wilhelm and Dr. Carl Austin, lieutenants in charge of surface and underground search missions, respectively, and Gary Peek, Fred Camphausen, Steve Freeman, Ron Smith, Dick Aldrich, Charlie Rodgers, Clyde Parker, Ches Clark, Win Wyatt, Frank Peck, Bill Burns, Al Flood, Rick Davis, John Patton and James Peachee.



SERVICE REWARDED—Plaques in recognition of five years of service to the NWC Credit Union were presented recently by Gene Boehme (center), manager, to Lois Mae Crane, loan interviewer, and James C. Messer, collection supervisor.



Enrollment is now being taken in a five-day course for new or inexperienced first-line supervisors entitled "Introduction to Supervision."

The course, which will be conducted by representatives of the U.S. Civil Service Commission's Regional Training Center in San Francisco, will be held here Dec. 6-10 in Room 203 of the Training Center Building

Participants in the course will be introduced to the basic legal requirements affecting the management of Federal employees, and to selected managerial techniques and con-

Those interested in attending this course must submit NWC Enrollment Form 12410-28 to the Employee Development Division (Code 654) through proper department channels in order for it

Enrollment in the course will be limited to 24 persons.

# **Monthly Premiums For** team valuable practice in packing Health Insurance Climb

Increased monthly premium slightly smaller pay deduction in rates for high option coverage of 1972 than in 1971. the six largest plans participating For employees who are enrolled in the Federal Employees Benefits program were announced last health insurance plan, the mission. The new rates will

NOW AT NWC-Lt. (jg)

Richard L. Dueringer recently

reported for duty at the Naval

Weapons Center, and was

Command Administration

Department. A naval aviator,

Lt. Dueringer completed flight

training at NAS Chase Field,

Beeville, Tex., prior to being

sent here, and before that

earned his commission through

the NROTC program at the

University of Illinois. A native

of Melvin, III., Lt. Dueringer

was accompanied to China Lake

by his wife, Ruth.

The new premiums have been held to an absolute minimum, the Commission said.

will be the same in 1972 as in 1971.

No Change in Benefits

Although monthly premium be changed in 1972. During the family. health insurance open season for Federal employees and annuitants, which began this past may change from self to family

newly enroll in a health insurance families.

premium of the six largest plans. employees and their families. Since the average biweekly There will, however, be a premium for self-only coverage reduction of 44 cents (from \$6.33 to will be increased in January from \$5.89) in the amount deducted from \$8.65 to \$9.75, the government's an employee's paycheck for his standard contributions will be Aetna plan insurance coverage in increased from \$3.46 to \$3.90 1972, while those with family biweekly; and since the average coverage will find their biweekly premium for family coverage will deductions cut by \$1.14 (from be increased from \$21.60 to \$24.46 \$15.62 to \$14.48). biweekly, the government's stan- At the same time, the goverdard contribution will go up from ment's share of health insurance \$8.64 to \$9.78 for a family enroll- costs under the Aetna plan will be

Some Deductions Less

being raised, the higher govern- ployees and their families. ment contribution will result in a families.

in the Blue Cross-Blue Shield week by the Civil Service Com- biweekly premium will be increased \$3.09(from \$9.06 to \$12.15) become effective in January, 1972. for the employee only, or by \$7.54 (from \$22.11 to \$19.65) for employees and their families.

This will mean an increase of While premiums generally will \$2.65 per biweekly pay period County Sheriff's Department), and be higher in 1972, a few plans, (from \$5.60 to \$8.25) in the amount are proficient in contacting in- including the government-wide of the employee's payroll deduc-Indemnity Benefit Plan (Aetna) tion (if only the employee is covered) or a boost of \$6.40 (from \$13.47 to \$19.87) in the case of those employees whose health insurance rates are going up, benefits will not also covers members of their

> Government's Share Upped The forthcoming changes in

premiums for the Blue Cross-Blue Monday and will continue through Shield plan also will mean an Dec. 31, Civil Service employees upward revision in the governmay enroll in a plan or change ment's contribution. The governplans and options. In addition, they ment will provide an additional 44 cents (an increase from \$3.46 to \$3.90) for employee only coverage, fine annuitants may change and an additional \$1.14 (from \$8.64) plans and coverage, they may not to \$9.78) for employees and their

Under the Aetna plan, the The standard government con- biweekly deduction for health tribution to health insurance pre- insurance premiums in 1972 will miums is fixed by law at 40 per remain unchanged at \$9.79 for cent of the average high-option employees only and \$24.26 for

increased by 44 cents (from \$3.46 to \$3.90) in the case of coverage for Thus for employees in some the employee only, and by \$1.14 plans whose premiums are not (from \$8.64 to \$9.78) for both em-

# A Look Into The Past

From The Rocketeer Files 25 Years Ago . . .

The Center opened up its Trailer Courts (24 spaces) and trailerites moved in immediately . . . NOTS residents were "incensed" over an article in Pageant Magazine that pictured Inyokern as the "meanest town in the West since Tombstone" . . . The Burros had their Homecoming spoiled by a 33 to 6 loss to Bishop's Broncos.

15 Years Ago . . .

Jerome Hines, operatic basso, opened the 1956-57 Concert Season. He has returned since . . . Former Rocketeer Editor, Erma Pierson (who died earlier this year), the mother of Mrs. Charles Dye, published her first book, "Kern's Desert." . . . United Fund Campaign ended on a successful note . . . A notice in The Rocketeer stated that California led the nation in number of Federal Employees (it

5 Years Ago . . .

Three local youths, Gary and Bucky Ray and Brian Rockwell electrified the archaeological world with the discovery of a cave on one of the Naval Weapons Center's north ranges. Inside the cave were many Indian artifacts . . . Dr. Wm. B. McLean, NOTS Technical Director, was interviewed by LIFE Magazine . . . ADR3 Rudolph Falcone survived in 11,500 ft. parachute jump when his main 'chute and his reserve 'chute failed to open. Falcone was saved by following set procedures for such an eventuality.

# Local Entries Needed For **Annual Christmas Parade**

for the second annual Christmas returned or postmarked no later parade, another planning session than Friday, Nov. 26. to iron out details of the Saturday, Plans for the parade call for it to Dec. 4, event was held this past Wednesday night.

Sponsored by the Ridgecrest Chamber of Commerce, and under the overall direction of Ernie Loscar, general chairman, the parade is open to participation by for children at the Ridge Theater. all interested groups and in-

201 Panamint St., Ridgecrest, and movie.

get under way at 10 a.m. on Saturday along N. China Lake Blvd. in Ridgecrest. Following the procession, which will be highlighted by the appearance of Santa, there will be a free movie Santa also will make an ap-

pearance at the theater, and there Entry forms can be obtained at will be gifts of candy for vaguely remember meeting him the Chamber of Commerce office, youngsters in attendance at the somewhere but I couldn't remem-

# Employee In the Spotlight

They came into the office smiling, their cheeks red from the chill and the bicycle ride from Michelson Lab. During the interview Hal would answer a question and look to Jean for confirmation. Sometimes she would say, "No, dear, it was . . ." and Hal would smile and say "That's right."

ROCKETEER

Sometimes you wonder if they're two people, they're that close. Even their backgrounds are similar. Hal Bennett, a Missoula, Mont., native, attended Montana State University (now the University of Montana) and received his BA (with honors) with a double major in math and

Jean Bennett, who hails from Kensington, Md., attended Mount Holyoke College, South Hadley, Mass., where she majored in physics and chemistry, and graduated summa cum laude.

Both were offered teaching assistantships at Penn State University. Jean became the first woman to teach physics at Penn State and was also the first With the date fast approaching must be filled out and either woman to win a PhD in physics from that university

> The couple met during a meeting for new graduate students but Jean didn't remember Hal. "She was the only woman there and all the fellows paid a lot of attention to her," Hal recalled. "Later on I asked her for a date, and she ac-

"I thought I'd take a chance on him," Jean twinkled. "I could



Drs. Hal and Jean Bennett

"At the dance (Hal took her patent. square dancing) we had to sign one Hal won the Scientific Research Hal laughed.

America's highest award), thought the award from the China Lake it best they didn't collaborate so Branch of RESA. that there wouldn't be any question

nearly total collaboration. infrared measurements program Fellow). at Pike's Peak and met Raim

and after reaching Needles, Calif., mission for Optics. in hegan to be concerned about Their zest for life is

Hal continued the story, "When tilt." we topped the rise and saw the The Bennetts are accomplished green valley below us, Jean gave a foldboaters and over the years big sigh and began to look forward have made many, many trips down

to working at NOTS." Hal is now head of the Physical (Calif.) newspaperman once Optics Branch, Code 6018, and Jean referred to them as "those crazy is a research scientist in the group. knuckleheads" in writing about a They compete in many things, and trip they made down the Klamath the rivalry, interlaced with love. River in November, 1964. (They adds to the excitement in their are planning to make the trip again lives. Both are prolific writers; Halthis Thanksgiving wee and.) The has 43 publications to his credit and Jean has 44. Hal leads in presentations, however, with 38 to Jean's afterward the river moded and 19 and he has 5 patents and one wiped out the small town of applied for, while Jean has one

another's name cards. I wrote her Society of America's "Best Paper name but she had to ask me mine," of the Year Award" (with Jim Porteus) in 1961 for a paper en-There were a few problems at titled "Relation Between Surface Penn State. After their marriage in Roughness and Specular Reflec-1952 they had to work on separate tance at Normal Incidence." In projects. Their thesis advisor, D. 1964, Jean's paper, "Precise H. Rank (who has just received the Method for Measuring the Absolute Ives Medal, the Optical Society of Phase Change on Reflection," won

The two are members of many as to who had done the work. From scholastic organizations. Hal the time of their graduation, belongs to Phi Alpha Theta, Kappa however, their lives have been Tau and Phi Kappa Phi, and Jean is a member of Phi Beta Kappa, They took employment as Sigma Delta Epsilon and Iota physicists in the Infrared Recon- Sigma Pi. Together they belong to naisance Section at Wright Sigma Xi and Pi Mu Epsilon, and Air Development Center, Dayton, also RESA, and the Optical Society O. While there they went on an of America (of which Hal is a

Hal is an associate editor of the Regelson, from the Naval Ord- Journal of Optical Society of nance Test Station. They became America and an advisory editor of interested in the work being done Optics Communications. In adat China Lake. In April, 1956, they dition, he belongs to the American talked to Dr. W. F. Koehler, who Physical Society and is a former offered Hal a billet at China Lake, member and chairman of the Ives so in October, 1956, they made the Medal Committee. He also is a member of the U.S. National They came from Ohio by auto Committee, International Com-

her new home. "All I could see everything they do. Whether the were ghost towns and small places conversation is about optics, backlike Johannesburg and Red packing, foldboating, flying, Mountain. Ridgecrest was just a traveling or training Siberian tiny dot on the map and China Lake huskies to pull their bicycles, the didn't even appear on it. But I kept Bennetts remain lively, bright and telling myself that China Lake was interested. They take a keen enonly 15 or 20 miles from the joyment in all they do and, ac-Sierras, so it shouldn't be too bad." cording to Hal, they " . . . do it full

wild, roaring rivers. A Eureka

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CIVIL DEFENSE PROGRAM CHECKED—State and county officials visited the Naval Weapons Center last week for the purpose of gaining firsthand information on the Indian Wells Valley Civil Defense program. The visitors met with H. G. Wilson (seated, at left), NWC Technical Director, who also serves as director of the IWV Civil Defense program. Others shown are Ray Jackson (seated at right), superintendent of emergency services for the Kern County General Services Department, and (standing, I-r) Bernie Sword, an NWC employee, who is the staff assistant for the local Civil Defense program; Hank Henderson, from the Office of Emergency Services in Fresno, and LeRoy Jackson, who represents this district (No. 1) on the Kern County Board of Supervisors. Supervisor Jackson is a former head of the NWC Community Relations Office. Two other visitors (not in photo) were Allan Sherwood, from the Office of Emergency Services in Sacramento, and Vern Paul, from the Santa Rosa Region of the Office of Civil Defense.