May 29 will be Opening Day for Magic Mountain, California's newest family entertainment complex, announces Eugene "Doc" Lemmon, general manager for the \$20 million park.

Spread over 200 acres of rolling hills in Valencia, Magic Mountain is 35 miles north of Los Angeles off the Golden State Freeway (Interstate 5), and features fun for every member of the family.

Now nearing completion, the amusement park balances "white knuckler" thrill rides with live entertainment and gentle rides for

The Gold Rusher runaway mine train being built at the park will rumble guests in and around the mountain. Another exciting attraction will be the Log Jammer which will speed visitors in hollowed-out fiberglass logs on a watery tour of the park culminating in a 90 foot plunge into Whitewater Lake.

These contrast with the Grand Carousel (vintage 1912 and completely restored at a cost of over \$100,000), equipped with 64 handcarved steeds and music spanning several generations. Or guests may enjoy a panoramic view of the surrounding countryside atop the 384 foot Sky Tower which will be equipped with twin high speed elevators when the Park opens.

In all there will be over 30 major rides and attractions at Magic Mountain plus music, dancing under the stars, and major musical reviews in the 3400-seat 7-Up Showcase Theatre.

The park features a one-price admission policy, enabling patrons in the Lecture Center, beginning at to unlimited use of rides and at- 7:30 p.m. Featured on the program tractions once inside the gates. Adults are \$5.00, children 3 to 12, \$3.50, and children under 3 admitted free. The only additional Singers and the gaming area.

Company), has arranged for a cycles and Negro spirituals.



OASIS GARDEN CLUB HOLDS SHOW—"Melody of Flowers" was the theme of the IWV Oasis Garden Club's 13th Annual Spring Flower Shop held recently at the Community Center. Mrs. E. E. Benton was chairman of the show which was David Gardner, this year's winner of a \$700 rated excellent in every category by a panel of six Garden Club scholarship, displayed a most atnationally accredited flower show judges: Mmes. tractive invitational exhibit of bonsai plants at the Donald George, Paul Frenzel, Lyndall King, Edward Harr, Eugene Woesner and Warren

Forgey. The Arboreal Award, based on a score of 95 or more points, was won by Kathy Pratt who also won the Sweepstakes Award for receiving the most blue ribbons in the horticulture division.

-Photo by PH2 Delmar E. Hart, USN

High School Music Concert Tonight

The Burroughs High School Music Department, under the direction of Russell Parker, will present a concert Friday, May 21, will be three major groups of the department: the Concert Choir, Mixed Chorus and the Madrigal

charges are for food, souvenirs, A varied selection of accompanied and a capella com-For those who can't wait for May positions will be performed, 29, Magic Mountain (formed by composed of styles of music from subsidiaries of Sea World, Inc., and traditional hymns and German The Newhall Land and Farming Folk songs, to Romantic song arranged by Gail Kubik, who is the attend. Admission is \$1 for adults

benefit the Reiss-Davis Child Study an 18th Century Madrigal by an Irish folk song will feature the concert will be availabile. Martini, an American ballad by Over 1.8 million guests are John Cacavas, "Scarlet Ribbons," choral salutation will display the expected to visit the facility this by Jack Segal, and "David's tenors and basses. year alone, making the park one of Lamentation," by the the Southland's major day and Revolutionary War composer, perform in Latin, German and

PHOTO FAIR-Mrs. Betty Speckels, left, and color and black and white. In addition, award

Mrs. Betty Curtis, review some of the many prints winners of the "Print of the Month" contest will be

which will be displayed at the Photo Fair, spon- shown. Also on exhibit will be prints of the recent sored by the China Lake Photographic Society, Easter Week at Ballarat by Frank Diets. Several

May 22 and 23 at Richmond School. On display will slide shows will be presented during the two-day

be numerous prints of local photographers, in exhibit. All local residents are invited to attend.

composer, Jean Berger. Another Got Time to Die." women's voices in the group, and a

The Concert Choir, who will William Billings. A special English, will interpret material by

presentation by the Mixed Chorus Houston Bright, Johannes Brahms, will be a humorous folk song by Ralph Vaughan Williams and Hall Katherine K. Davis, with special Johnson. In addition, they will dramatization by Sheryl Sneary perform Di Lasso's "Echo Song," spectacle authentically traces the dedicated which will highlight an antiphonal The 17-voice Madrigal Singers effect. The Appalachian tune. will perform music from a 16th "Ev'ry Night When the Sun Goes Century madrigal by Donato and In," will feature tenor and bass from a 20th Century humorous sections and sopranos will be poem by E. E. Cummings and spotlighted in the Williams part Vincent Persichetti. Also song, "Silence and Music." represented in their repertoire will Theresa Neil will solo in the be the contemporary French Johnson arrangement of "Ain't

item of interest will be a ballad The public is cordially invited to cousin of Burroughs Drama and 50 cents for students. Parker special pre-opening charity day to The Mixed Chorus will present Director, Alan Kubik. In addition, also stated that recordings of the

Assessments Now Due For Deaths Of Two Members

Larry Mason, secretary-CLMAS assessment 232-160 is 1971. waived and 233-161 is due.

Assessment 232-160 is for Earl Old Normac Duplex buildings, 29 Hoyt, a former employee of Public Old Normac Single buildings, 46 Works Electrical Branch, who New Wherry buildings, and 12 Old passed away May 7 at the age of Wherry buildings. Should residents 73; and 233-161 is for 63-year-old have any questions about this Erwin Stiefel, an employee of Code contract, they should contact Don 5552, who succumbed to a heart Fischback of the OICC office at attack at his home, May 16.

Capt. K. C. Abplanalp, Officer-

announced the awarding of a \$221,000 contract for the reroofing of family quarters at NWC to the Economy Roof and Insulation treasurer of the Government Company of Burbank, California. Employees Benefit Association Work is expected to commence by and the China Lake Mutual Aid May 28, 1971, with a scheduled Society, stated that GEBA and completion date of September 17,

Included in the contract are 64

From	PLACE STAMP HERE
то <u> </u>	



rents about the suitability of me ntent for viewing by their children. (G) - ALL AGES ADMITTED (GP) - ALL AGES ADMITED

Parental Guidance Suggeste RESTRICTED ing Parent or Adult Guardian

"BENEATH THE PLANET OF THE APES" (95 Min) Charlton Heston, Kim Hunter, James Fran

(Science-Fiction) This sequel concludes the

story of space explorer Heston and humanoic control the earth in the year 400. (G) Short: "Newfoundland's Fish" (17 Min)

-MATINEE-"YOURS, MINE & OURS" (111 Min

1:00 p.m. Short: "Candian Can Can" (7 Mir -EVENING-'MOSQUITO SQUADRON" (90 Min

Lucille Ball

7:30 p.m. German V2 rockets be stopped? The story behind the success of this specially trained quadron is an exciting one of strong men and the origin of skip bombing. (G)

Davic McCallum

Short: "High Steel" (15 Min)

SUN and MON 23-24 MAY "BORSALINO" (126 Min

Jean Paul Belmondo, Alain Delon 7:30 p.m. (Comedy-Drama) Internationally ac-

claimed film is a campy tale of two French odlums on the rise in the Roaring Thirties as they "eliminate" each gangland competito (GP)
TUES and WED

"BATTLE OF BRITAIN" (132 Min) Michael Caine, Curt Jurgens

7:30 p.m. (Action-Adventure) Star-studded WWII efforts of the RAF in outmaneuvering mas

"ALEX IN WONDERLAND" (109 Min) Donald Sutherland, Ellen Burstyn

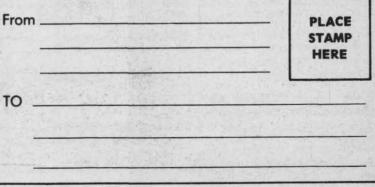
7:30 p.m. (Fantasy) The Star of M-A-S-H portrays a successful Hollywood Director who is given to antasies as he seeks a new film project to direct. Funny, but not a comedy. Sad, but not a

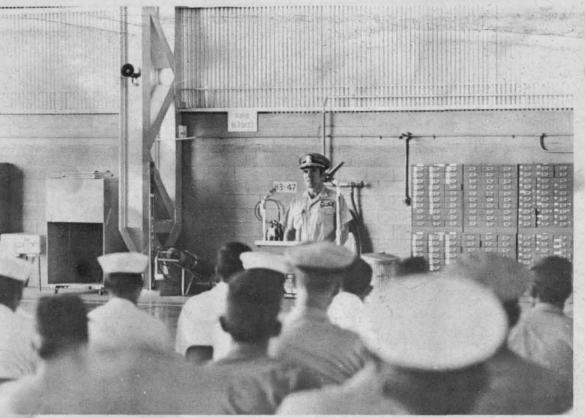
Short: "Kangaroo Courting" (7 Min)

NWC Reroofing Contract Awarded

in-Charge of Construction has

extension 3308.





"RAP" SESSION-Adm. Elmo Zumwalt, Jr., Chief of Naval Operations, took time out from a visit with his father last Saturday to hold a question and answer session with NWC's military personnel at NAF's Hangar 3. During the exchange, military personnel had a chance to ask the

Admiral some pointed questions about what is happening in the Navy today. The impromptu onehour session occurred on last Saturday, May 15. Adm. Zumwalt is the son of Dr. Elmo Zumwalt, NWC Industrial Medical Officer.

-Photo by PH1 D. C. Manderscheid



Naval Weapons Center, China Lake, California

was testifying in his official

capacity or producing official

Government or a private party.

Travel expenses may be paid in

all situations where the employee

is considered to be performing

official duty when summoned or

assigned by his agency to testify or

Several types of court-related

functions, not previously covered

The judicial proceeding may be

territory, or a possession of the

leave for witness service only if he

is summoned; he is not entitled to

request and in writing.

United States.

to produce official records.

covered by the new law.

New CSC Law In Effect Liberalizing Court Leave

Key principles of Public Law 91- Columbia Government. Previous-563, which liberalizes the extent of ly, official duty status court leave for Federal agencies could be authorized for witness by the U.S. Civil Service Com- service only when the employee

The new law eliminates several long-standing inequities, and it relieves financial hardships previously imposed on employees through loss of leave or pay because official time was not authorized for certain court appearances. This change in the law is also expected to facilitate law enforcement and justice by encouraging Federal employees to step forward as witnesses.

Basic features of the law are as

Court leave is now authorized when a Federal employee is other proceeding of a judicial summoned to appear as a witness nature, but does not include an in a proceeding on behalf of a State administrative proceeding. or local government. Previously, Court leave for witness service is The annual United States States or District of Columbia

on behalf of a private party is not commission. Also covered are to encourage the voluntary pura government.

sidered to be on official duty when prosecuting attorney to determine Service. he is summoned or assigned by his whether an information or charge agency to testify even in a non- should be made in a particular official capacity on behalf of the case. United States or District of

Inside . . . **EEO Symposium** . Disposal Sale Nurses' Birthday7 Photo Fair8







They Each Cover for court leave purposes, are **Any Situation** The term "judicial proceeding" Take stock in America contemplates any action, suit, or Buy U.S. Savings Bonds

Local Campaign

an employee could be granted authorized for all stages of a Savings Bond Campaign for 1971 court leave only if he were ap- judicial proceeding (i.e., will be conducted at the Naval pearing on behalf of the United preliminary hearing, inquest, trial, Weapons Center beginning May or deposition taking), as well as 24th and ending June 11th. This hearings and conferences before a campaign will be conducted by the Court leave for witness service committing court, magistrate, or departments and agencies at NWC authorized; it must be on behalf of grandjury proceedings, coroners' chase of Savings Bonds through inquests, and hearings and con- payroll deduction by civilian and An employee will now be con- ferences conducted by a military personnel in the Federal

The Department of the Navy is cooperating with the Treasury Department in promoting the annual Savings Bond Program in in the District of Columbia, a State, recognition of the program's importance to the Nation and to the

An employee is entitled to court

Each department will appoint a "keyman" to coordinate activity within his department. A meeting leave if he volunteers. A subpoena of department keymen will be held is not necessarily required, but the at the Community Center in the summons must be an official Joshua Room on Monday, May 24th at 8:30 a.m. Promotional material Travel expenses are to be will be distributed to those at-(Continued on Page 4) tending-

NWC Reservist Talks On Quakes

Says San Fernando Catastrophy **Disproved Many Existing Theories**

Edmund W. Kiessling, a professional geologist with the California Division of Mines and Geology, and an AG-3 (USN, Reserves) recently assigned for two weeks reserve duty with the Earth and Planetary Sciences Division of the Research Department, spoke last Friday to China Lake residents at the Community Center about the San Fernando Earthquake. According to Kiessling,

geologists learned many things from the San Fernando Earthquake, which shocked the Los Angeles basin on the morning of February 9 of this year. "We lost a lot of ground," he said, referring to the knowledge of earthquakes held by geologists in southern mobile home parks be built on fault California, and throughout the zones.' world. "A lot of things we thought were true, or basic, we learned were just not so," he elaborated. "For one thing, we're going to Fernando Valley in its relation to have to learn to live with ear- the fault pattern in that area, thquakes as California is a seismic Kiessling stated. They are also

Kiessling explained the the rocks in and around the Valley statement. "We're going to have to in an effort to ward off a more design urbanization to be more disastrous quake. "Knowledge of compatible with fault zones, for the fault zones, and proper planone thing," he said. "Once every ning in building on them and four years on the average we can around them could result in a less expect an earthquake of this expensive earthquake," he said. magnitude, at least, somewhere in This is the fourth year Kiessling Southern California. Fortunately, has spent two weeks as a Reservist banized area than the San Fer- Planetary Sciences. He joined the nando jolt."

earthquake."

The San Fernando quake did half a billion dollars in damage. northern Appenines. Kiessling also stated that the February 9th tremors are directly Masters in Geology from the responsible for the large landslides University of California, at Los which have been occurring in the Los Angeles basin area.

for future quakes? "Not much," Kiessling stated. "It has been



suggested that golf courses and

The geologists in southern California are presently studying the regional geology of the San studying the different strengths of

they usually happen in a less ur- at China Lake with the Earth and

Reserve in 1962. What is an earthquake? His background and education Kiessling explained that it is "the are interesting in that he studied relief of accumulated strain built in Austria at the University of up in blocks of the earth's crust Innsbruck for a year under the GI moving against one another. Bill, and at the University of Sometimes, when the strain gets Florence, in Italy. At Austria too great, it snaps, resulting in an Kiessling studied Alpine Geology, and while in Italy his work was centered on the geology of the

> Kiessling received his BA and his Angeles.

He and his wife of four years, What can be done about planning Betty Jane, have one son, Kenneth, 2. They reside in a 75 year old Victorian home in Pasadena



ALSO TALK ON SAN FERNANDO QUAKE—At the Annual meeting of the local branch of the Red Cross held this past Tuesday at the CPO Club, President Cathy Tozer welcomed Guest Speakers Dr. William Putney, San Fernando Valley District Chairman, and John Stroud, San Fernando Valley District Manager. At the meeting, the two men presented a slide-talk depicting the recent earthquake damage in that area, and the role of the Red Cross in aiding its victims. Also at the meeting, awards were presented to volunteers for outstanding service over the past year-10,500 hours worth.

A GOOD WAY TO MEET — Members of the Navy Wives Club are shown at their monthly social meeting, bowling. This pleasant way to relax was adopted by the club because it not only breeds fine into the group. On this morning the girls were Mrs. Diann Pottorff.

bowling Scotch Doubles for the first time and expressed an interest in "doing it again." The wives are, from left to right, Mrs. Marilyn McCall, Mrs. Lori Boyd (keeping score), Mrs. Cathy Gire companionship but instills a little sporting instinct (behind Mrs. Boyd), Mrs. Laverne Akins, and

CENTER LIBRARY LISTS NEW BOOKS

Fiction Adams-Biscuit Shooter Ash-Take Off. Carim-The Golden City. Clement-First Flights to the Fish-The Green Hell Treasure. Hudson-Farnsbee South. Knight-A for Anything. Lange-Vandenberg. McMurtry-Moving On. Shaw-Rich man, Poor man. Walker--Third Life of Grange

Copeland. Whitehouse-Squadron Shilling. Zalazny-Creatures of Light and Dark.

Non-Fiction Boyd-My Fellow Americans. Brown-Bury my Heart at Wounded Knee. Charriere-Papillon Dandridge--Everything and

Glazer-Songs of Peace, Freedom and Protest. Graff-The Tuesday Cabinet. Griffin-So you Want to Buy a Mobile Home. Groch-The Right to Create.

Savage-Lost Heritage. Sunset-Redwood Country. Toland-The Rising Sun. Righteous.

Weaver-Scene of Change. Williams-Hassling.

Johnson-White House Diary. MacAndrew--Drunken Comportment. Mailer-Of a Fire on the Moon. Mowat-The Siberians. Nader-What to Do with your Bad Parkinson-Law of Delay. Roherty-Decisions of Robert S. McNamara.



THIS TURKEY SANDWICH

TASTES LIKE AN OLD RAG!

Walker--The Rough and the

The Rocketeer Official Weekly Publicatio **Naval Weapons Center** China Lake, California

RAdm. W. J. Moran, USN

H. G. Wilson Technical Director

K. H. Robinson Head, Technical Information Departmen

William P. Valenteen, Jr Editor

> Jack C. Lindsey Staff Writer Lucille Edwards

Editorial Assistant

PHCS C. E. Bruce, PH1 D. C. Manderscheid, PH3 Ronald G. Mills. Staff Photographers

DEADLINES: . Tuesday, 4:30 p.m. . Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified Printed weekly with appropriated funds by a commercial firm in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. ...3354, 3355, 2347

DIVINE SERVICES

Protestant (All-Faith Chapel)-Morning Worship-10:00 a.m. Sunday School-8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center

Roman Catholic (All-Faith Chapel)-Holy Mass-5:00 p.m., Saturday (Fulfills Sunday obligation); 7, 8:30 and 11:15 a.m.

Daily Mass-11:30 a.m. in Blessed Sacrament Chapel. First Saturday, 8:30 a.m. Confessions-4 to 5 p.m. Saturday, and 8 to

NWC Jewish Services (East Wing All-Faith Chapel)-8 p.m. every first and third

8:25 a.m. Sunday.

Sabbath School—10 a.m. to noon, every first

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)-Sundays, 7:30 p.m.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this lumn will be accepted from current WC employees and should be filed with he persons named in the ad. All other desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 069. Current applications (SF-171) o tandard Form 172 should be submitted ringing your work history up to date i one has not been submitted within the last months. The fact that positions are advertised in this column does not preclude he use of other means to fill thes ositions. Part of the ranking process of hose rated as basically qualified will be a upervisory appraisal form that will be ent to the employees present and most ecent previous supervisor Selection shall be made without discrimination for any merit reason.

Supervisory General Engineer, GS-13, Code 4533—This position is Head of the Test nagement and Product Evaluation Branch and manages weapon qualification programs to ensure that guided, free-fall, and ballistic ordnance meets fleet specifications. Qualifications: Basic requirement is the Bachelor's degree in one of the engineering disciplines or physics or the equivalent plus three years experience in the mechanics of ordnance design, development, test or evaluation. Job Relevant Criteria: Project management experience necessary and will establish highest qualified applicants. Best qualified applicants will have in addition, experience in at least half of the following: a) dynamic vibration testing, b) industrial X-ray inspection, c) thermal and environmental testing, d) non-destructive testing, 3) test design and management, f) guided free-fall and ballistic ordnance safety. File above applications with Pat Gaunt Bldg.

34 Room 202 Phone 2723 Ordnance Learner, WG-04, Code 457, (4) Vacancies-These positions are located in the Propulsion Development Department, Pro pulsion Systems Division. Positions will consist of training in the following categories plastic molding, propellant machining, propellant mixing and casting, inhibiting igniter fabrication, extrusion, block pressing, rocket motor loading, disassembly and reassembly of rocket motors (modified) grinding of raw materials for processing of ropellant, cleaning hardware and returning to stock. Job Relevant Criteria: Reliability and dependability, shop aptitude and interest, ability to follow directions in shop, dexterity and safety, ability to work as a member of a team. The incumbent must have a working knowledge of basic arithmetic through decimals and fractions. Minimum Qualification Requirements: As defined in X-

Mechanical or General Engineer, GS-12, Code 4535-This position is that of RELIABILITY ENGINEER in the Propulsion Development Department's newly formed Reliability Engineering Group. The incumbent works closely with program managers and project engineers in planning and carrying out reliability engineering for the department's development programs. He will have the opportunity to help establish the department's

timizing weapon reliability. Job Relevant Criteria: Experience in reliability engineering on tactical weapon systems including lead responsibility for reliability on at least one system and demonstrated ability to evaluate design and production documentation Qualification Requirements: As defined in CSC Handbook X-118. Incumbent must possess a degree in engineering, physical science, or mathematics.

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

Mechanical or Aerospace Engineer, GS-9-12 (2 vacancies), Code 4574-Incumbent is esponsible for the design and development of solid propulsion related components such as pressure vessels, nozzles, igniters and auxilliary power supplies. Must conduct structural and performance analyses, do detailed hardware design, and plan and monitor component fabrication and testing Qualifications: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience working with solid propulsion systems and structural analysis.

Mechanical or Aerospace Engineer, GS-9-12, Code 4573-Incumbent is responsible for defining, analyzing and determining the degree of structural integrity of a wide spectrum of components and elements associated with the branch's propulsion and airframe development programs. Emphasis is on hardware design and related analysis. Job Relevant Criteria: Experience working with solid propulsion systems and structura analysis. Qualifications: As defined in CSC

Supervisory General Engineer, GS-13, Code 4554-Position is Head, Design Engineering Branch, Code 4554. The branch's function is to design tooling, equipment, process systems and facilities. It is the central design engineering activity for the Propulsion Development Department. Qualifications: As outlined in CSC Handbook X-118, Job Relevant Criteria: Experience working with propellant and explosive processing. Experience in facilities design. Supervisory experience File above applications with Paf Gaunt,

Bldg. 34, Room 202, Phone 2723. Supervisory Fire Fighter (General), GS-081-07, PD No. 584001, Code 842-The position is that of Fire Captain in the Fire Division of the Security Department. The incumbent directs one or more fire companies or three or more crash trucks, directs fire crews performing fire prevention, inspections, supervises checking and maintenance of equipment, conducts and supervises checking and maintenance of equipment, conducts and supervises drills and classes in fire fighting procedures, fire prevention and inspection Minimum Qualification Requirements: Four years of experience in fire fighting, fire prevention and operations of fire apparatus and equipment. At least six months experience at the next lower grade and six months of supervisory experience in an organized fire

Fire Fighter (General), GS-081-03 or 04, PD No. 584008, PD No. 584002, 3 Vacancies, Code 842-The incumbents will perform normal duties in combating fires involving airfield

Continued on Page 7)



year. The check was given to Mrs. Bernice Meade, Miss Killilea. President of the Oasis Garden Club, at the State

The supplies the second section of the second secon

WIN FIRST PRIZE — Joan Killilea, right, holds a Convention of California Garden Clubs in Long check for \$40.00, which represents first prize from Beach recently. Other members of the Junior the California Association of Nurserymen gardeners look on. They are: left to right, Cathy presented the Power-Flower Junior Garden Club Schafer, Glenda Davis, Samantha Swann,

-Photo by PH3 Ron Mills

Employee In the Spotlight

Milt Ritchie, a chemist with Code 5524, recently took on a pretty big job: Chairman of the Inter - Laboratory Committee on Personnel Administration. This came as no surprise to those who know Milt. Currently involved with research and development of infrared detectors on the job, Milt has, in the past, taken on other big jobs in the community.

Friday, May 21, 1971

He is a past-president of the United Fund, and has headed committees with the local branch of the NAACP.

"The ILCPA (West Coast branch) consists of senior technical personnel and civilian personnel directors at the Navy Laboratories in California," he explained. "It is chartered by the Secretary of the Navy and was formed to facilitate the mutual sharing of the knowledge and experience of the member organizations in the specialized area of research, development, test and evaluation personnel administration.

"In addition, it is to provide a forum through which a common detectors and detector expression on matters in the personnel field, vital to the device development activities continuing excellence of government RDT&E, can be formed." Ritchie continued.

Milt is excited about his inorganization in today's world. "In past years the ILCPA has job performance. instrumental in

RDT&E personnel," he said. Milt is currently a vice-Hospital. He has been active in since coming to China Lake in

from the University of Oakland, where he is majoring California at Berkeley, in 1951 in X-Ray Technology.



and was awarded his Masters Degree in Public Administration in 1968 from the University of Southern California

Prior to coming to China Lake Milt owned his own business and served as a chemist with a leading oil company

He first worked at NWC with Code 5516, also as a chemist. He has published many papers on the investigation of infrared materials while continuing his in the Engineering Department.

For his work with the United Fund, Milt was given a Key to the City by Mayor Kenneth volvement with the ILCPA and Smith of Ridgecrest and in 1964 feels it is a very important was awarded a Sustained Superior Performance for his

Milt said he doesn't have establishing a delegated much time for hobbies but authority to examine and enjoys photography and certify applications of scientists manages to get in a little tennis and engineers at the principal from time to time. His wife R&D Laboratories. Currently Ethel, however, knits, and has the committee is proposing exhibited some of her work at recommendations for at- various local shows. She is tainment of EEO goals and the active in church work and with development of an effective Milt devotes most of her time to career development system for raising their two sons, Gregg, 17, and David, 19. Gregg is a junior at Burroughs High School president with the United Fund where he plays on the varsity and is a corporate member of basketball team. "I'm quite the Ridgecrest Community proud of Gregg," Milt said, "for he has worked very hard and is the local branch of the NAACP looking forward to a great season next year on the basketball team." David at-He received his BS Degree tends Merritt College, in

Funds Being Withheld Not Enough

Due to a new law changing the 1971 whose spouse is not employed; withholding system, it is possible -All working couples. that the Federal tax being withheld from wages of some Federal employees is not enough to cover payroll offices have been issued their income tax liability-so that copies of the 1971 income tax rates they may owe an unexpected big and tables. balance of tax at the end of the

These employees are especially affected:

expects to claim the \$1,500 stan- withholding. dard deduction or itemize deductions totaling less than 13 percent of their salaries:

-Each single employee who expects to earn \$15,000 or more in

-Each married employee who expects to earn \$25,000 or more in

In order to help employees in estimating their 1971 tax liability,

If you find that you need more withholding, you should file a new exemption certificate (Form W-4) with your employer and claim -Each employee who expects to fewer exemptions or ask for adearn more than \$11,500 in 1971 and ditional dollar amounts of

> CALL: 446-3333

IN AN EMERGENCY



Foley, anesthetist; Cdr. E. G. Graves, Head of NWC's Nursing Service Branch; and Lt. Sharon Kovalaske, Navy nurse, share in the delicate

63rd birthday of the U.S. Navy Nurse Corps. Lt. Janice Hopkey was unable to be present for the birthday celebration held on May 13.

PROMOTIONAL OPPORTUNITIES

perience in aircraft maintenance, overhaul

and repair on turbojet powered aircraft

(military or commercial equivalent). Ex-

perience in operating machine tools and air-

Two years general and 5 years specialized

experience as outlined in the CSC Handbook X-

File above applications with Beverly Saiger

1520-12 or GS-801-12 Code 5503-Incumbent will

be the Center counterpart of an Assistant

NAVAIR Code 4104. Will either have a for

mally recognized position on project team or

provide services as required. In either case

will be responsive to needs of project and

responsible to the ILS Coordinator in the Chief

Engineer's Office. Assists Program Managers

in writing an ILS Plan tailored to requirements,

of the particular development program.

Assures that quantitative and qualitative

support system requirements are included in

appropriate project and contractual

that activities of those project personne

accordance with prescribed milestones

Minimum Qualifications: Bachelor's Degree

experience with at least 1 year in

progressively more complicated design of

weapon systems, subsystems and components

is required. Job Relevant Criteria:

Familiarity with weapon development from

reliability and maintainability calculations

File applications for above with Joan

Secretary (Typing) GS-318-4 or 5, Code

3507-Incumbent is secretary to the Standard

Arm Program Manager and his staff. As such

she will be responsible for maintaining and

setting up files; typing technical reports

memos and official letters; scheduling ap-

pointments; arranging for conferences

receiving visitors and callers to the office; etc.

including a variety of clerical and semi

administrative duties pertaining to the official

Requirements: GS-4: 2 years of general

clerical work, GS-5: 21/2 years of general

clerical work and 1/2 year specialized ex-

perience. Job Relevant Criteria: Proficient

typist, meets the public well, experience in

office where there are a lot of outside contacts

such as contractors, Washington personnel,

File application for the above with Sue

Clerk (Typing), GS-301-5, PD No. 375014,

Code 7506—This position is in the Distribution

Prasolowicz, Bldg. 34, Rm. 206 Ext. 2577.

activities of the office. Minimum Qualification

MacIntosh, Code 657, Rm. 212, Ext. 2371.

and trade-offs is highly desirable.

concept formulation through operational use is

Project Manager (Logistics) (APM(L)) in

Mathematician or General Engineer GS-

118. Advancement Potential: GS-11 level.

Bldg. 34, Room 212, Ext. 2514.

(Continued from Page 2) work. Minimum Qualification Requirements:

GS-3 - High school education. GS-4 - One year of fire fighting experience. Advancement Potential: Promotion potential to GS-4 level after six months.

File applications for the above with Linda rossman, Bldg. 34, Room 204, X-2925.

General Engineer or Electronics Engineer (1 vacancy GS-12, 1 vacancy GS-9 or 11), Code 013-These positions are located in the Systems Development Department, Weapon Systems Division, Program Management Branch, AGILE Avionics Office. This position is that of Electronics Systems Design Engineer in the AGILE Avionics Office. The incumbent will design an Agile Missile System tactical avionics subsystem for various aircraft, principally the F4J. The Agile system is in the Advanced Development stage. He will design an Agile avionics baseline figuration responsive to design criteria and functional requirements developed elsewhere n the Agile avionics development program This design must be compatible with specific designated aircraft configurations. The head of the Avionics Design unit will coordinate with the Avionics Project Engineers and will report to the Agile Avionics manager. Qualification Requirements: Bachelor degree in engineering and appropriate length of experience in electronic-electrical system design consistant with grade levels above. Job Relevant Criteria: Must be able to use result of system analyses, computer simulation. human factor studies and subsystem hardware development to design systems responsive to functional requirements specified by higher authority. Incumbent must understand the

maintainability, error budget and test and analysis requirements. File above applications with Beverly Saiger, Bidg. 34, Room 212, Ext. 2514. Electronics or General Engineer (4

relationship of his efforts to system reliability,

vacancies) 1 ea for F-4J, F-14, A-6, A-7 AGILE AVIONICS SYSTEMS, GS-11-12, Code 3013-This position is located in the Systems Development Department, and is that of systems engineering in the AGILE Avionics Office (Code 3013). The . sumbent will be responsible for the integration of AGILE required. Experience in the performance of Missile System Tactical avionics into a specific aircraft type. The AGILE system is in the Advanced Development stage. He will be responsible for the design of an AGILE avionics baseline configuration for the pa ticular aircraft in coordination with the subsystem studies conducted during the AGILE avionics development program. This design concept will be interfaced with the specific aircraft by the aircraft contractor. The incumbent will be technical coordinator of this contract. Definition of tasks, monitoring, coordination, integration, review and approval of all tasks will be the responsibility of the incumbent. Analysis, design, test and evaluation will be included in the work effort which must be coordinated. The incumbent will report to the AGILE Avionics Manager Qualification Requirements: A. Bachelor's degree in engineering and 3 years experience in electronic-electrical system design. B Technical program management experience, ninimum of 1 year. Job Relevant Criteria: Must be able to use results of system analyses computer simulations, and human factor studies in addition to the output of subsystem hardware developments. Also conduct tradeoffs of candidate systems and participate in ground and flight evaluation of baseline system when implemented in hardware. Mus be able to supervise an assistant, if required.

File above applications with Beverly Saiger,

Bidg. 34, Room 212, Ext. 2514.

Staff Office of Technical Information Department. Incumbent of this position handles requests for supplementa distribution, coordinate distribution lists, and maintains master records. Minimum Qualification Requirements: 1 year gener

Aerospace Engineering Technician, GB-802-09, PD No. 7130041, Code 30102—This position is Supervisory Clerk, GS-301-6, PD No in the Aircraft Gun Systems and Survivability 29127Amf, Code 7506-This position is in the Distribution Staff Office of Technical In-Office. Overhaul, maintenance, and repair of test aricraft and aircraft sub-systems for formation Department. The incumbent of this survivability experiments are major duties. position supervises the distribution of all of-Work includes structural retrofitting, engine ficial and many unofficial technical overhaul and ground maintenance. Inpublications handled in this office. Minimum stallation of electronic equipment into fuel Qualification Requirements: 1 year genera systems, engines and flight control specialized and 21/2 years specialized. test equipment such as gun mounts, airflow File applications for above with Ma ducts and generators are also principal duties. rison, Bldg. 34, Rm. 210. Phone 2032. Job Relevant Criteria: Minimum of ex

Accounting Technician, PD No. 7017023, GS 525-5 or 6, Code 1761-This position is located in the General Accounting Branch of Centra Staff. The primary duties are to maintain books of accounts and to process collateral and subsidiary records required under the Navy Industrial Fund accounting operations Minimum Qualifications: GS-5, 2 years general and 1 year specialized. GS-6, 2 years general and 2 years specialized as stated in X

118. Advancement Potential: GS-7 level. File applications for above with Mary Morrison, Bldg. 34, Rm. 210, Phone 2032. Voucher Examiner, GS-540-3 or 4, Code 1765—This position is located in the Public Voucher Section, Disbursing Staff, Accounand Disbursing Staff. This Section performs all functions related to the settlement of travel claims for military and civilian personne serviced by this Center. Minimum Qualifications: GS-3 One year general, GS-4 One year general and one year specialized

Advancement Potential: GS-5 level. File applications for above with Mary

documents. Assists in making trade-off **AFS Sponsors** decisions during the design process. Assures **Spring Book** responsible for logistic element inputs are in Sale Tomorrow in Science or Engineering is required. 3 years

The "Spring Book Bargain Fair"-a sale of used books-will be held Saturday, May 22, from 9 a.m. to 5 p.m., in front of the Shopping Bag on the Center. Paperbacks, current novels, mystery and science fiction, periodicals and textbooks will be priced from 5 cents to \$1.

Sponsored jointly by the local American Field Service (AFS) and the American Association of University Women (AAUW) Chapters, the book sale proceeds are used for the groups' many projects. This summer AFS hopes to support two students living abroad, instead of one as in the past. AAUW used book sale money directly for the Ellen Hoyem Fellowship given to help a deserving Burroughs' senior girl to attend the college of her choice. Book donations will still be accepted at the sale.

A complete list of new books is available in the library.

SECURITY OPERATIONS

HEAD-Ben M. Hartman

arrived aboard the Center April

8, 1971 to assume the duties as

Head, Security Operations. Ben

has a long list of Security

credentials, beginning in 1938 as

a Special Agent for the U.S.

Army Intelligence Corps. He is

retired from the Army as a Lt.

Col. and in the past has owned

his own firm of security con-

sultants, and worked in major

business as a security con-

sultant and senior Civilian

Intelligence Agent. He came to

NWC from the Loss Prevention

Division, The Wackenhut Corp.

where he served as the area

representative. He and his wife

Barbara have two grown boys.

Ben attended Princeton

University and the Industrial

College of the Armed Forces.

AN EVENT THAT "BEARS"

REPEATING-Early Wed-

nesday morning an errant, 236

Ib. female bear that had wandered into the Center's housing

area was shot on the Murray

School grounds by game

warden, Carl McCammon.

According to McCammon, there

is no real danger; it is not something that residents have to worry about-this is one of the little things that happens

carry guns.

Opening Day At Reardon Field Sees A&L Tire Defeat NAF, 3-1

Valley Merchants Defeat Maulers On Brown's GEM

Opening day at Reardon Field was superb, complete with splashes of red, white and blue along the fences, padded bleachers, between-innings music, and two exciting ball games.

A & L Tire initiated the China Lake Softball League's fifth year on Reardon Field with a 3-1 victory over NAF as Dave Britton hurled a three-hitter. Troubled by wildness a year ago, Britton showed little evidence of his former self as he struck out seven and retired the first 10 men he faced.

A & L jumped to a 1-0 lead where 1970 batting champion Jimmy Ayers reached first on an error, was sacrificed to second, stole third, and scored on a squeeze by Dick Rivers.

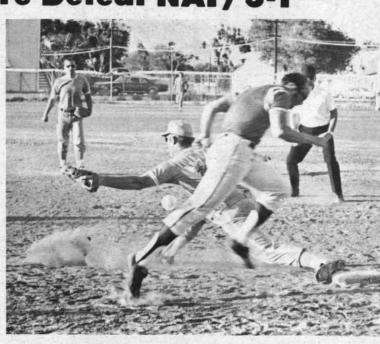
NAF was not able to score until the top of the fifth when Hawk pitcher Steve Whittrock homered over the left field fence to tie the score at 1-1.

A & L retaliated, however, by scoring two in the bottom of the inning. Gordy Irvin reached first on an error on the shortstop and moved to second when Wittrock threw too late to second on Keith Ayers bunt. After two force outs at third, Drex Moulder's single scored Britton and Jimmy Ayers to give A & L a 3-1 advantage.

Britton relapsed in the sixth, walking one NAF batter and hitting another with a pitched ball, to put runners on first and second with only one out. He recovered his control, however, to strike out the next two batters and end the in-

The Valley Merchants also broke quickly from the starting gate to defeat the Maulers, 5-1, on Billy Brown's two-hitter.

Both hits came in the same inning as Tony Cozzucoli led off the



FAST PITCH UNDERWAY—Amid a cloud of dust, NAF's Mike Jones reaches first safely as A & L Tire firstbaseman Andy Gilpin drops the throw from shortstop Drex Moulder. A & L won the China Lake Softball League opener, 3-1. The League will play at Reardon Field three nights until each team has played one another three times, ending August 23. The umpire is Don Sichley and the A & L second baseman is Jim Ayers.

balls, and scored on Ron Shiers double.

But the Merchants had built up a 2-0 lead in the first and added two more in their half of the third.

Jeff Radcliff opened the Merchant first with a base on balls, stole second and third, and scored on Dick Clodt's single, who later scored to make the score, 2-0.

After the Maulers narrowed the Merchant's edge to 2-1, backto-back doubles by Harlan Hershley and Clodt, preceeded by a Mauler error on Radcliff's fly to right, produced two runs and a 4-1

Brown then went to work to retire the last 11 men he faced (including four strikeouts) to shackle the Maulers over the final four innings.

The Merchants added their fifth

Maulers third with a single, ad- run in the fourth on Ken Newton's for Code 551, while their opponents, vanced to third on two ground single and Radcliff's two-out

8 p.m. Bud Eyre vs. NAF May 25 6 p.m. Maulers vs. Ace TV May 27 6 p.m. Bud Eyre vs. Ace TV

Left Turns At Main Gate **Explained**

Center drivers are reminded hat, when leaving the Main Gate, the inside lane is a "left turn only" lane, and the outside lane (right lane) is for straight through traffic.



ROCKETEER

Recent observations of traffic flow at the Main Gate indicate that some drivers are not aware of the traffic directions



HOME AGAIN—The family of Doug Boyd met him at NAF upon his return from Gulfport, Mississippi following two weeks of duty with the Reserve Mobile Construction Battalion 17, Sub Unit 11-2 May 1 through 15. Thirty-nine men attended professional and military training at Gulfport with the rest of MCB17 at the Con-

struction Battalion Center there. The local unit was commanded by Cdr. Carlton E. Hammel, SC, USNR-R during the two-week hiatus. Sub Unit 11-2 at China Lake is commanded by Cdr. Richard D. Malone, CEC, USNR-R. Boyd's wife Claire, and children, Mark and "Cissy" are happy to have daddy home again.



Code 5563 Wins Four In NWC Golf League

Code 5563 moved into first place Men. in the China Lake Intramural Golf Curt Overstreet and C. Presson League last Tuesday by defeating took a point each for the Titlists

The Rocketeers took 3.5 points Sbrocca won for the Chaparrals, from Central Staff to move into a while Ray March and Duane Blue three-way tie for second place with fought each other to a tie. the NWC Officers and Code 551. Don Sichley, Bill Valenteen and Jack Lindsey won for the Rocketeers and Leo Maki split a point with Ed Sopke. Bob Moore, Dale Iverson and Ed Brooks won for the NWC Officers and Larry Thurm took one point for the General Engineers. Merril Lloyd and Ed Nelson won a point apiece the Bat Chiefs, won two on the shooting of Jim Armstrong and Jack Davenport.

NAF split with Code 30. Joe Dorgan shot a 39 to record a point for Code 30 and Bob Young won one for the team while Dick Bauers and 5:15 Chaparrals vs. Central Staff Larry Gire each won one for NAF. 5:23 Engineers vs. Code 551 The Duffers defeated the Iron Men, 2.5 to 1.5 on the stellar shooting of L. Moore (he split with Barry 5:15 NAF vs. Rocketeers Kolsrud), Eyer and Smith. Santo took the other point for the Iron 5:39 Code 3563 vs. Duffers

Code 3563, 4-0. Gary Castor, Al and Wasserman and Thomas each McDonald, C. Peterson and Frank won one for Code 3532. The Sima recorded wins for the league- Chaparrals took 3.5 points from the Sandbaggers. Baker, King and

Transportation ha	ad a bye.	
STANDIN	IGS	
	W	L
Code 5563	6	2
Rocketeers	5.5	2.5
Code 551	5.5	2.5
NWC Officers	5.5	2.5
NAF	5	3
Code 30	5	3
Titleists	5	3
Duffers	4.5	3.5
Bat Chiefs	4	4
Chaparrals	4	4
Code 3532	3.5	4.5
Transportation	3	1
Iron Men	2.5	5.5
General Engineers	2	6
Sandbaggers	1.5	6.5
Code 3563	1	7
Central Staff	.5	3.5
THE CONE	DILLE	

5:31 Iron Men vs. Code 30

Back Nine

5:23 Code 3532 vs. Sandbaggers 5:31 Code 5563 vs. NWC Officers

Tigers Open Second Half With Victory Over Yankees, 11-8

the past week in the China Lake Tigers, was "an all-out team ef-Little League Major Leagues. In fort." the final remaining game of the first half of the season, the Yankees defeated the Red Sox 4 to

The second half opened on Giants Monday night with one game between the Tigers and the Yankees. The Tigers opened up a bid for the second half title by defeating the Yankees, 11-8. Coach Bob Gritton said the victory, only Yankees

Only two games were played in the second of the year for the

Final Standings

1.5 5.5



GAUNTLET FLUNG-Capt. Tex Birdwell, r, Commanding Officer of VX-5, issues a new challenge to Capt. R. E. McCall, Commanding Officer of NAF, as the stage is set for the third annual Navy Relief BATNAF softball game scheduled to be played at Schoeffel Field next Friday night. NAF won the torrid contest last year, which is distinguished by a rule that all players who reach 2nd base must consume a pitcher of beer before continuing. The game will start at 4:30 p.m. Admission is by contribution (\$1.00) to the Navy Relief Fund. Photo by PH3 Ron Mills

Reps Search For 'Now' Solutions

Professional and nonprofessional personnel from the Naval Weapons Center, Eleventh Noval District Navy and Marine Activities, and other interested guests met together this past week to assess progress, directions, values, and singular and plural efforts of the Navy's Equal Employment Opportunity (EEO) program.

The two-day program, held at the Community Center, was opened with introductory remarks by RAdm. W. J. Moran, NWC Commander, H. G. Wilson, NWC Technical Director, and Raymond A. Harrison, Head of the Center's Personnel Department. RAdm. Moran expressed management's concern, and encouraged participants to enter into meaningful discussions. During the symposium, the "Plays for Living" of Southern California gave a presentation entitled "The Man Nobody Saw." After the play all attendees divided into small groups to assess the uses and value of the play. The groups were directed by Milton Ritchie, Emanuel Dunn, and William Ar-

A panel discussion moderated by Harley Tillett, Chairman of the EEO Committee at the Naval Weapons Center took place on Tuesday morning. Such subjects as recruiting, selection, counseling, and progress were discussed by the panel, which was composed of EEO representatives from other 11th Naval District Navy and Marine activities: Jim Lewis. President of the local branch of NAACP; and John M. Cissne, Principal of Burroughs High

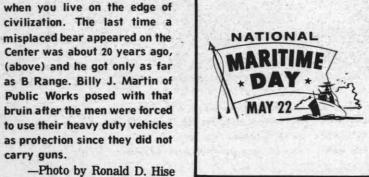
After lunch at the Commissioned Officers Mess, off-Center guests were taken on a two-hour tour of some areas of importance to the guests, and a film was viewed at Michelson Laboratory.

The final hour of the Symposium was spent in summary and discussion by the whole group.

It was a consideration that the Symposium met its objectives: to compare procedures and evaluate progress. The one common obective that evolved was to do more to make employment opportunities equal for everyone - not tomorrow but today.

The local EEO Coordinator is Stephen Sanders of the Employee Management Division, Personnel Department, who, with the NWC EEO Committee, helped plan the

The NWC EEO Committee is currently made up of: Harley E. Tillitt, Chairman; William Arnold; Robert Briley; Lloyd Clarke; Max Donald; Louise Mitchell; and Al





MEDIUM WITH A MESSAGE—The EEO racial problems and tensions, was put on by Workshop held Tuesday and Wednesday at the Community Center was centered around a 45- division of Family Service Association of minute dramatization entitled "The Man Nobody Saw". The presentation, based on a theme of

"Plays For Living" of Southern California, a

-Photo by PH3 Ronald G. Mills, USN

LaMonk Art League Guest Speaker

speaker at the Desert Art League exhibit had traveled thoughout the before the League. Other business meeting which will be held on United States and was shown, before the League will include the Monday evening (May 24) at 8 p.m. at the Community Center. Mr. LaMonk is famed for his paintings of Indians and for his contributions to archeology and art in preserving the Palm Desert Museum, the graduating senior of this year's the pictographs and petroglyphs of the American Indians.

display at San Fernando Valley

among other places, at the Los installation of new officers for the Angeles County Museum and the 1971-72 and the presentation of the Museum of Man in San Diego. Other paintings are on display at award for excellence in art to the Southwest Museum and the San class. Bernardino County Museum. He is

An exhibit of his paintings of a featured artist on weekends at attend this meeting which will be Indians is now on permanent the Tropico Mine near Rosamond. the last until the group resumes in Mr. LaMonk will present a September.

Charles LaMonk will be the State College. Previously, the portrait demonstration in oils winner of the Desert Art League

Visitors are cordially invited to



ethnic cuisine. The group invited as their honored guests representatives of the respective com-

CAPTAIN'S CHOICE—The families of the various mands. Above (I-r) Capt. and Mrs. R. E. McCall minority groups that make up the commands of are escorted through the serving line by Chief and NAF, NWC, and VX-5 got together last Sunday for Mrs. Medurdo Reyes and Mrs. Pete Francisco. an exotic potluck event which highlighted favorite ADRC Napoleon Garnil coordinated the well supported event.

-Rocketeer photo

Housing Consolidation Called More Beneficial

organization is now responsible for emergency. the entire management of the The second category of service housing assets of NWC, except for calls are classified as Class "A" assignment, which is a function of chits. These should be taken care SNORT Track the Deputy Commander's office. of in eight working hours. This Personnel from the Housing means that a call that comes in at Division, headed by Cal Fallgatter, 3:00 p.m. Friday, should be taken receive service calls, check care of by 3:00 p.m. the next tenants in and out of quarters, normal working day, normally the write up work orders for vacant next Monday. Included in this quarters to be rehabilitated, category are leaking or malfuncmaintain repair folders on each set tioning toilet fixtures, inoperative of quarters, and investigate tenant hot water heaters, or broken door complaints.

The Housing Management Branch is headed by Gerry Ray calls are classified as Class "B" and is responsible for all operations except budgeting, completed in one working week. record keeping, rent collections, and report preparation. Ray has three housing managers working example, leaking faucets, broken for him: Bart Parker, who is responsible for the dormitories, they sometimes will slip due to apartments, motel units, LeTourneaus, Normacs, and Hawthornes; Mrs. Kay Gallien, other PW shops will be borrowed, if who is responsible for the Capehart the work load permits, to help work "B", Normac Duplexes, and Wherry housing areas; and Mrs. Mary Miller, who is responsible for the Hill housing area and Old Duplexes. In addition to the housing manager there are three assistant managers: Garry Maxwell, who answers the housing service phones; SFC George Andrews, who serves as military housing liasion; and Bobby Owens, who serves as branch co-ordinator.

Before the consolidation, the Public Works Maintenance Control Division (Code 708) received all service calls and wrote up all work requests for rehabs. These functions are now under the Head of the Housing Division. When a resident has a complaint, the housing manager can investigate it, initiate action, and follow up on it. Previously, the Housing Manager investigated maintenance complaints, Code 708 initiated action, and no one had the responsibility for following up on it. Now this is all the responsibility of the Housing Manager.

Service Calls

The one aspect of the housing operation that is of the most interest to Center residents is the handling of service calls. Between 7:30 a.m. and 4:00 p.m., on normal working days, over 80 service calls Court Leave are received by personnel at the Housing Office. The personnel answering the calls try to ascertain from the caller the exact nature of the problem, and if possible, instruct the caller on how to solve the

If the difficulty is beyond the capability of the caller to correct, the call will be put into one of three categories. An "05" chit is an emergency call, and is relayed by phone to Code 70414, the Emergency Maintenance Section. The supervisor will assign the call Aetna Agent At one of his twelve men in the dispatched vans. Included in this category are such problems as Tues., May 25 oken water lines, gas leaks, loss The Aetna Insurance

electricity, and plugged sewer Center next Tuesday, May 25, from lines. Because each service man is 9 a.m. until 4 p.m.

The consolidation of the Housing a craftsman in a specific field, i.e., Office into the Public' Works refrigeration-heating, plumbing, Department, last year, has had electrical, it may take a short many beneficial results for the period of time for the supervisor to residents of NWC that may not be get in touch with a craftsman to obvious to the individual tenant. handle a given emergency.

The foremost benefit is that one a craftsman to handle a given

The third category of service chits. These are expected to be Since these chits are minor inconveniences to the tenant, for screens, or broken light fixtures, more urgent service calls coming in. In this case, craftsmen from off the backlog.

After 4:00 p.m. on weekdays, and all day Saturday and Sunday, emergency calls are received by the watchstander at the PW pumphouse. Between 4:00 p.m. and midnight on weekdays and between 8:00 a.m. and midnight onweekends, he relays emergency calls to a two-man standby crew in the Emergency Service Section. After these hours he can call out men on overtime for bona-fide

Because of the high cost of housing maintenance calls, \$12 per-manhour, tenants are encouraged to make minor repairs themselves. To facilitate this the Housing Office maintains bins of free materials for minor repairs. Included are such things as cabinet latches, switch plates, washers, light fixtures, etc. The person answering the service phone, extension 3771, during normal working hours, can advise tenants if specific material is available.

If residents have any questions about housing maintenance or operation policies, they should feel free to call their housing manager or Mr. Gerry Ray, at extension

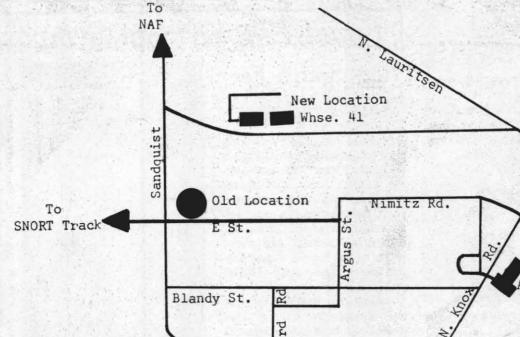
(Continued from Page 1)

allowed "under such regulations as the Attorney General may

Fees received for jury or witness service on behalf of a State or local government must be turned over to the employee's agency to be credited against his pay, since the employee is appearing either on paid leave or in an official duty

nousing area in their radio Community Center

a-c during the summer, loss of Representative, Mr. Howard eat during the winter, loss of Keenan, will be at the Community



points out the new location of the Supply Depart- Warehouse. The sale will begin at 9 a.m. on that ment Scrap and Salvage Yard, at Warehouse 41, day. Persons who might wish to inspect property relocated from the old location on E Street, near for sale may do so between May 17 and May 25 Sandquist Rd. On May 25, NWC will hold an from 8:30 a.m. to 11:30 a.m., and from 12:30 p.m. auction sale of surplus property at the Scrap and to 3:30 p.m.

SURPLUS PROPERTY SALE—The map above Salvage Yard, and in the Property Disposal

PW Tells How To Best Use Coolers

homes get the house much cooler they don't seem to work well at all.

ROCKETEER

In order to get more information on how these "swamp coolers" work, and how to get the most effective use from them, LTJG S. M. Ogintz was contacted-he is Project Officer in the Public Works

LTJG. Ogintz explained that the effectiveness of the cooling action of the coolers is determined by the volume of air moved through the house and the relative humidity of the outside air. The more air circulated through the house and the lower the relative humidity, the better the cooling.

The principle of operation is air will be transferred to the water temperature. and cause evaporation, causing the air to become cooler. When the effect is diminished.

one which is given in weather cooling effect. reports) was 104 degrees F. Based on ideal operating conditions, the cooler in a house would cool the air to no lower than 73 degrees F.

The next day, at the same time, the wet-bulb temperature was 74 degrees F. and the dry-bulb temperature was 106 degrees F. Based on these conditions the house would get no cooler than 79 degrees F.

As a rule of thumb, with an average difference between wetbulb and dry-bulb temperatures of 30 degrees F., the cooler will only based on the fact that as het air maintain the inside temperature 25 passes over water, heat from the degrees F. below the outside

Provide Exits

humidity is high, less water can be house, sufficient exits must be cooler is probably not working. accepted by the air and the cooling provided for the air being blown in by the cooler. As a rule, one As an example, Mr. Ogintz cited square foot of open window or door residents can help Public Works to data obtained from the Public is needed for every 200 cubic feet provide speedier service to those Works Air Conditioning Shop for per minute (CFM) being blown in. tenants whose coolers actually are two consecutive days last summer. Most residential coolers on Center not working.

Many Center residents have, no On the first day, at 3:00 p.m., the blow between 3000 and 5000 CFM doubt, noticed that on some days wet-bulb temperature (an in- and, therefore, require 15 to 25 the evaporative coolers in their dication of the humidity—the square feet of exit space. By higher the temperature the higher opening windows in rooms you are than on other days. On some days, the humidity) was 68 degrees F. using and closing them in the ones and the dry-bulb temperature (the you aren't, you will improve the

> LTJG. Ogintz stated that Center residents can help the Public Works service shop provide efficient service by taking into account the following factors before calling in an air-conditioner as not

1) If air is being blown through the duct work, with sufficient windows opened; and 2) the house is being maintained about 25 degrees F. below the outside temperature, then the cooler is probably working at its maximum effectiveness and a service call will not improve its operation.

On the other hand, if no air is blowing and the temperature For most efficient cooling of a shows a continuous rise, then the

By considering these factors.



BENNY SUGG RECIPIENTS - LCdr. R. M. St. Germain, Head, NWC Security Department, awards four members of the Department with Benny Sugg checks and certificates. From left to right the men are: Thurl P. Thompson, Fire

Division, \$50; Gary M. Peek, Fire Division, \$25; \$50. The awards were presented on May 11.

John R. Brown, Sr., Fire Division, \$50; and Tibor A. Kulchar, Police Division, two awards, \$25 and PH3 Ronald Gray Mills

Campbell, Beyer **Receive UCLA** Master's Degrees

Friday, May 21, 1971

Two NWC employees were recently awarded Master's Degrees from the University of California, Los Angeles. Both men have attended UCLA under the NWC Fellowship program



Ralph K. Beyer

Ralph K. Beyer, a physicist in Code 3527, was awarded a Master of Science (Engineering) Degree by UCLA on March 20.

Beyer's thesis, done under the direction of Professor Fredrick W. Schott of UCLA's School of Engineering, was titled "Temperature Compensation of Reciprocal Ferrite Phase Shifters Using Dielectric Inserts."

He received his BS in Physics in 1963 from San Diego State College and joined NWC that same year. He works in the Missle Guidance Branch of the R. F. Development Division of the Electronics Systems Department.

Beyer and his wife, Yvonne, and children Lynn and Timothy, reside at 1800-A Young Circle, on the



Robert W. Campbell Robert .W. Campbell, an NWC employee since 1966, was awarded a Master of Science degree in Engineering by the University of California, Los Angeles.

Campbell is a local boy, the son of Mr. and Mrs. James J. Campbell, 600-B Kearsarge, China Lake. He graduated from Burroughs High School and received a BS in Engineering Science from Notre Dame University in 1966.

Campbell's wife is the former Alice Bolstad, an employee of Code 4011 as a mathematician. She graduated from Chico State College in 1968.

His thesis was titled "The Investigation of Visualization of The Electric Field Using Liquid Crystals" and was done under the direction of Dr. John A. Seeger of UCLA'S School of Engineering.

He is an employee of Code 4073, a Branch of the Weapons Systems Analysis Division of the Weapons Development Department.



POLICE CHIEF RETIRES-L-R, V. A. "Slim" Cummins, retiring after almost 26 years of devoted service, received the NWC plaque and a letter of appreciation from RAdm. William J. Moran, Center Commander, during ceremonies held this week in the Commander's office. "Slim," as he has been popularly known throughout his career at NWC, was commended for the outstanding manner in which he devoted 26 years to Civil Service, eight of which he served as Chief of Police at China Lake.

-Photo by PH3 Ronald G. Mills, USN



\$1000 TO CAMPERSHIP FUND-Valerie Palmore, General Chairman of the Fractured Follies, presents a check for \$1,000 to Don Raef, Chairman of the Indian Wells Valley Campership Fund. The check represents the proceeds from the China Lake PTA-sponsored "Fractured Follies" last month. Cheryl Thurm, right, President of the PTA, looks on. The Follies raised \$933 after expenses and the PTA added \$67 to round the figure out to an even \$1,000. Mrs. Palmore stated that the PTA will produce the Fractured Follies again next year.

Direct Dialing Due

On August 1, 1971, direct in and out dialing on commercial telephone service will be established for all official telephones on the Center. In order to conform with the nation-wide numbering system, it will be necessary to change the Center telephone number to 939XXXX. All incoming commercial calls will be placed direct to extension numbers. Parties who do not know extension numbers can call 939-9011 for information from the Center operator.

Calls from the local area will be dialed direct, i.e., 939XXXX. The prefix 763 will no longer be used. The Center fire number will be 939-3333, and the new police number will be 939-3323.

Please note that this change does not affect the AUTOVON system, but applies only to commercial service.

A Look Into The Past From The Rocketeer Files

25 Years Ago . . .

The Navy's 2nd highest-ranking air ace, 25-year old Lt. Eugene . Valencia, serving at Armitage Field as Assistant Gunnery Officer, received a 7th Distinguished Flying Cross to his collection of 5 Air Medals . . . The Ridgecrest Herald was formed May 10; Archie Peckham was editor . . . The IWV Sportsmen's Assoc., headed by Judge Ardis Walker, met with civic groups and leaders of American Potash & Chemical Corp. to adopt resolutions for presentation to the Fish and Game Commission, one of which was the permanent establishment of a wilderness area between the north and south forks of the Kern River and north to Mt. Whitney . . . The Navy Dept. outlined steps in AlNav 237 by which recognition could now be given to Naval personnel for invention and innovation of original ideas . . . An Efficiency Rating Program, as required by an Act of Congress, was being launched for all per annums . . . Kern County residents were told how to report to the Price Control Board when a merchant overcharged, in which case a person could sue for three times the amount of the overcharge or \$50., whichever was greater . . . The 50,000 gal old water tank-one of the first structures built on the Station-was removed from its lofty pedestal that week; it was damaged by the fire that destroyed the O-in-C building March 8, 1946

15 Years Ago . . .

The 7th Armed Forces Day was scheduled for both Saturday and Sunday. Scheduled visitors to the "open house" were a plane-load of television, radio, and newspaper personnel from Los Angeles, and several bus-loads of high school students from various Kern County cities. A special press conference was held for the high school editors and cameramen ... The Community Council-sponsored annual Fiesta, held in conjunction with Armed Forces Day, opened on Friday night in Bennington Plaza with about 20 booths featuring the traditional vendors of various wares . . . Capt. F. L. Ashworth, Station Commander, presented a record amount of 512 NOTS ten year pins during formal ceremonies held in the Station Theatre. Also, AOD's Duane Mack received the "Meritorious Civilian Service Award", the Navy's second highest civilian award, for his planning of the development of Charlie Range-a model aircraft training range which resulted in the development of the "sky screen" and the "aircraft profile tracker", and in the growth of NOTS' prestige for providing training services to Fleet units thereby increasing their combat readiness . . . The IWV Amateur Radio Club reported that interference on Channels 2 and 4 was due to sunspots (storms on the sun) and TV pick-up from Oklahoma, Texas and Canadian stations.

5 Years Ago . . .

Cdr. F. W. Bustard of NAF was project officer of the 17th Armed Forces Day celebration. NAF's award-winning drill team, which had placed 1st in the National Orange Show two years in a row, performed for the visitors . . . 20 members of the 331st Fighter Intercepter Squadron of Webb AFB, Big Springs, Texas, arrived for a month's testing of the Sidewinder missile with their three F104A Starfighters . . . NOTS Advisory Board held its spring meeting; attending were: VAdm. P. D. Stroop, USN (Ret.); Dr. Gerald W. Johnson, Director of Navy Labs; Dr. J. H. Wakelin, Jr.; Dr. C. C. Lauritsen; Dr. L. T. E. Thompson; Dr. Luis W. Alvarez; Adm. John H. Sides, USN (Ret.); RAdm. Rawson Bennett, USN (Ret.); Dr. F. C. Lindvall; Dr. J. C. R. Licklider; and Dr. W. Albert Noves, Jr.



DESERT EMPIRE FAIR MEMBERSHIP PURCHASED-Ruby Renke, Mail, Files and Records clerk in Command Administration Dept. receives a "life membership" in the Desert Empire Fair from John Emery, Mrs. Renke purchased the membership in support of the Fair's permanent exhibit building fund, of which Emery is a

-Photo by PH3 Ronald G. Mills, USN